

## Literaturverzeichnis für die Arbeit Rückenschmerz A - H

letzte Aktualisierung 03.05.2022

Vorbemerkung: mit + gekennzeichnete Arbeiten konnten durch den Verfasser auf bibliographische Korrektheit überprüft werden und befinden sich im Original oder in Kopie im Besitz des Verfassers; die Kennzeichnung mit – bedeutet, dass eine Kopie der Arbeit angefordert wurde; -n- bedeutet, dass diese Arbeit durch die Landesbibliothek Potsdam nicht beschafft werden konnte, möglicherweise handelt es sich um nicht korrekte Angaben des zitierten Autors.

AAMPGG	Australian Acute Musculoskeletal Pain Guidelines Group
	Evidence-based management of acute musculoskeletal pain
	Brisbane, Australia; Australian Academic Press Pty. Ltd, 2003 (zit. Dagenais et al., 2010)
+Aartun,E.	Hartvigsen,J., Hestbaek,L.  Validity of commonly used clinical tests to diagnose and screen for spinal pain in adolescents: a school-based cohort study in 1300 Danes aged 11 – 15 years  J Manipul Physiol Ther 39 (2016)76 - 87
+Aasdahl,L.	Marchand,G.H., Gismervik,S.O., Myhre,K., Fimland,M.S., Roe,C.  The Fear Avoidance Beliefs Questionnaire (FABQ) – does it really measure fear beliefs?  Spine 45 (2020)134 - 40
Abbas,J.	Hamoud,K., Masharawi,Y.M., Hay.O., Medlej,B., Peled,N., Hershkovitz,I.  Ligamentum flavum thickness in normal and stenotic lumbar spines  Spine 35 (2010)1225 - 30
+Abbasi,S.	Rasanani,M.R.H., Ghotbi,N., Olyaei,G.R., Bozorgmer,A., Rasouli,O.

Short-term effect of kinesiology taping on pain, functional disability and lumbar proprioception in individuals with nonspecific low back pain: a double-blinded, randomized trial

Chiropr Man Ther 28 (2020)63 doi.org/10.1186/s12998-020-00349-y

+Abbott,F.V.

Hong,Y., Blier,P.,

Activation of 5-HT2A receptors potentiates pain produced by inflammatory mediators

Neuropharmacol 35 (1996)99 – 110

+Abdel Shaheed,C.

Maher,C., McLachlan,A.J.

Efficacy and safety of low-dose codeine-containing combination analgetics for pain. Systematic review and meta-analysis

Clin J Pain 35 (2019)836 - 43

+Abdi,S.

Lee,D.H., Chung,J.M.

The anti-allodynic effects of amitriptyline, gabapentin, and lidocain in a rat model of neuropathic pain

Anesth Analg 87 (1998)1360 - 6

+Abdu,W.A.

Sacks,O.A., Tosteson,A.N.A., Zhao,W., Tosteson,T.D., Morgan,T.S., Pearson,A., Weinstein,J.N., Lurie,J.D.

Long-term results of surgery compared with nonoperative treatment for lumbar degenerative spondylolisthesis in the spine spatients outcomes research trial (SPORT)

Spine 43 (2018)1619 - 30

Abdulla,F.A.

Smith,P.A.

Axotomy- and autotomy-induced changes in Ca++ and K+ channel currents of rat dorsal root ganglion neurons

J Neurophysiol 85 (2001)644 – 58 (zit. Smith & Lindsay, 2007)

+Abe,M.

Yoshioka,K., Shinomiya,K., Nakai,O.

Drug sensitivities of the primary afferents and their changes after inflammation

Clin Orthop 369 (1999)340 – 8

+Abe,Y.

Akeda,K., An,H.S., Aoki,Y., Pichika,R., Muehleman,C., Kimura,T., Masuda,K.

- Proinflammatory cytokines stimulate the expression of nerve growth factor by human intervertebral disc cells  
*Spine* 32 (2007)635 – 42
- +Abel,T.  
 Kandel,E.  
 Positive and negative regulatory mechanisms that mediate long-term memory storage  
*Brain Res Rev* 26 (1998)360 – 78
- +Abenham,L.  
 Rossignol,M., Valat,J.P., Nordin,M., Avouac,B., Charlot,J., Dreiser,R.L., Legrand,E., Rozenberg,S., Vautravers,P.  
 The role of activity in the therapeutic management of back pain. Report of the International Paris Task Force on Back Pain  
*Spine* 25 (2000)1S – 33S
- +Abraham,W.C.  
 Williams,J.M.  
 Properties and mechanisms of LTP maintenance  
*Neurosci* 9 (2003)463 – 74
- +Abrahamsen,B.  
 Zhao,J., Asante,C.O., CendanC.M., Marsh,S., Martinez-Barbera,J.P.; Nassar,M.A., Dickenson,A.H., Wood,J.N.  
 The cell and molecular basis of mechanical, cold and inflamed pain  
*Science* 321 (2008)702 – 5
- Abram,S.E.  
 Yaksh,T.L.  
 Systemic lidocain blocks nerve injury-induced hyperalgesia and nociceptor-driven spinal sensitisation in the rat  
*Anesthesiology* 80 (1994)383 – 91 (zit. Xiao et al., 2008)
- +Abramovici,A.  
 Daizade,I., Yosipovitch,Z., Gibson,S.J., Polak,J.M.  
 The distribution of peptide-containing nerves in the synovial of the cat knee joint  
*Histol Histopathol* 6 (1991)469 – 76
- +Abs,R.  
 Verhelst,J., Maeyaert,J., van Buyten,J.P., Opshomer,F., Adriaensen,H., Verlooy,J., van Havaenbergh,T., Smet,M., van Acker,K.  
 Endocrine consequences of long-term intrathecal administration of opioids

J Clin Endocrin Metab 85 (2000)2215 - 2222

-Abstract,R. et al.

Endocrine consequences of long term intrathecal administration of opioids

J Clin Endocrinol Metab 85 (2000)2215 – 22 (zit. Erdine & de Andres, 2006)

Abu-Shakra,M.

Mayer,A., Friger,M. et al.

Dead see mud packs for chronic low back pain

Isr Med Assoc J 16 (2014)574 – 7 (zit. ZKM 7 (2015)3:10

+ACC

Accident Compensation Cooperation, the National Health Committee. New Zealand Acute Low Back Pain Guide. Wellington, New Zealand, 1997, 2004

+Accadbled,F.

Lafosse,J.M., Ambard,D., Gomez-Brouchet,A., de Gauzy,J.S., Swider,P.

Influence of location, fluid flow direction, and tissue maturity on the macroscopic permeability of vertebral end plates

Spine 33 (2008)612 - 9

+Ackley,M.A.

Hurley,R.W., Virnich,D.E., Hammond,D.L.

A cellular mechanism for the antinociceptive effect of kappa opioid receptor agonist

Pain 91 (2001)377 – 88

-ACSM

American college of sports medicine position stand on the recommended quantity and quality of exercise for developing and maintaining cardiorespiratory and muscular fitness, and flexibility in adults

Med Sci Sports Exercise 30 (1998)975 – 91 (zit. Smeets et al., 20069

+Adamczyk,W.

Luedtke,K., Saulicz,E.

Lumbar tactile acuity in patients with low back pain and healthy controls. Systematic review and meta-analysis

Clin J Pain 34 (2018)82 - 94

+Adams,J.

Peng,W., Cramer,H., Sundberg,T., Moore,C., Amorin-Woods,L., Sibbritt,D., Lauche,R.

The prevalence, patterns, and predictors of chiropractic use among US adults

Spine 42 (2017)1810 - 6

- +Adams,J. White,M.  
Are activity promotion interventions based on the Transtheoretical Model effective? A critical review  
Br J Sports Med 37 (2003)106 – 14
- +Adams,L.L. Gatchel,R.J., Robinson,R.C., Polatin,P., Gajraj,N., Deschner,M., Noe,C.  
Development of a self-report screening instrument for assessing potential opioid medication misuse in chronic pain patients  
J Pain Sympt Manage 27 (2004)440 – 59
- +Adams,M.A. Dolan,P.  
Time-dependent changes in the lumbar spine's resistance to bending  
Clin Biomech (Bristol, Avon) 11 (1996)194 – 200
- +Adams,M.A. Dolan,P.  
Spine biomechanics  
J Biomech 18 (2005)1972 – 83
- +Adams,M.A. Dolan,P. Hutton,W.C.  
The stages of disc degeneration as revealed by discograms  
J Bone Joint Surg Br 68 (1986)36 – 41
- +Adams,M.A., Dolan,P., Hutton,W., Porter,R.W.  
Diurnal changes in spinal mechanics and their clinical significance  
J Bone Joint Surg Br 72 (1990)266 – 70
- +Adams,M.A. Freeman,B.J., Morrison,H.P., Nelson,I.A., Dolan,P.  
Mechanical initiation of intervertebral disc degeneration  
Spine 25 (2000)1625 – 36
- +Adams,M.A. Gren,T.P., Dolan,P.  
The strength in anterior bending of lumbar intervertebral discs  
Spine 19 (1994)2197 – 203

- +Adams,M.A. Hutton,W.  
The effect of posture on the role of the apophyseal joints in resisting intervertebral compressive forces  
J Bone Joint Surg Br 62 (1980)358 – 62
- +Adams,M.A Hutton.W.  
The effect of posture on the fluid content of lumbar intervertebral discs  
Spine 8 (1983)665 – 71
- +Adams,M.A. Hutton,W.C.  
Gradual disc prolapse  
Spine 10 (1986)524 – 31
- Adams,M.A. Hutton,W.C.  
Mechanics of the intervertebral disc  
In: Ghosh,P. (ed.): The biology of the intervertebral disc. Boca Raton, CRC Press, 1988, pp 39 – 71 (zit. Gluck et al., 2008)
- +Adams,M.A. Mannion,A.F., Dolan,P.  
Personal risk factors for first-time low back pain  
Spine 24 (1999)2497 – 505
- +Adams,M.A. McMillan,D.W., Green,T.P., Dolan,P.  
Sustained loading generates stress concentrations in lumbar intervertebral discs  
Spine 21 (1996)438 – 8
- +Adams,M.A. McNally,,D.S., Dolan,P.,  
“Stress” distribution inside intervertebral discs. The effect of age and degeneration  
J Bone Joint Surg Br 78 (1996)965 – 72
- Adams,M.A. Roughley,P.J.  
What is intervertebral disc degeneration, and what causes it?  
Spine 31 (2006)2151 - 61
- Adams,M.A. et al. The Biomechanics of Back Pain

- New York, Churchill Livingstone, 2002 (zit. Pezowicz et al., 2006)
- +Adelmanesh,F.  
Jalali,A., Shirvani,A., Pakmanesh,K., Pourafkari,M., Raissi,G.R., Shiv,Y.  
The diagnostic accuracy of gluteal trigger points to differentiate radicular from nonradicular low back pain  
*Clin J Pain* 32 (2016)666 - 72
- Adey,W.  
Potential therapeutic application of non-thermal electromagnetic fields: ensemble operation of cells in tissue as a factor in biological field sensing  
In: Rosch,P., Markov,M. (eds.) Bioelectromagnetic Medicine. New York: Marcel Dekker; 2004, 1 – 12 (zit. Harden et al., 2007)
- +Adkins,D.L.  
Boychuk,J., Remple,M.S., Kleim,J.A.  
Motor training induces experience-specific patterns of plasticity across motor cortex and spinal cord  
*J Appl Physiol* 101 (2006)1776 – 82
- +Adler-Neal,A.L.  
Emerson,N.M., Farris,S.R., Jung,Y., Coghill,R.C., Zeidan,F.  
Brain moderators supporting the relationship between depressive mood and pain  
*Pain* 160 (2019)2028 - 35
- +Adnan,R.  
van Oosterwijk,J., Cagnie,B., Dhondt,E., Schouuppe,S., van Akeleyen,J., Logghe,T., Danneels,L.  
Determining predictive outcome factors for a multimodal treatment program in low back pain patients: a retrospective cohort study  
*J Manipul Physiol Ther* 40 (2017)659 – 67  
[doi.org/10.1016/j.jmpt.2017.09.001](https://doi.org/10.1016/j.jmpt.2017.09.001)
- +Adogwa,O.  
Davison,M.A., Vuong,V.D., Khalid,S., Lilly,D.T., Desai,S.A., Moreno,J., Cheng,J., Bagley,C.  
Long-term costs of maximum nonoperative treatments in patients with symptomatic lumbar stenosis or spondylolisthesis that ultimately required surgery. A 5-year cost analysis  
*Spine* 44 (2019)424 - 430
- +Adriaensen,H.  
Gybels,J., Handwerker,H.O., van Hees,J.

- Nociceptor discharges and sensations due to prolonged noxious mechanical stimulation – a paradox  
Hum Neurobiol 3 (1984)53 - 8
- +Adwanikar,H.  
Ji,G., Li,W., Doods,H., Willis,W.D., Neugebauer,V.
- Spinal CGRP1 receptors contribute to supraspinally organized pain behavior and pain-related sensitization of amygdala neurons  
Pain 132 (2007)53 - 66
- +Aebi,M.  
Adult skoliosis  
Eur Spine J 14 (2005)925 – 48
- +Agabegi,S.S.  
Fischgrund,J.S.  
Contemporary management of isthmic spondylolisthesis: pediatric and adult  
Spine J 10 (2010)530 - 43
- +Aggarwal,S.K.  
Cannabinergic pain medicine. A concise clinical primer and survey of randomized-controlled trial results  
Clin J Pain 29 (2013)162 - 71
- +Agrawal,N.  
Hamann,B.N., Magistretti,J., Alonso,A., Ragsdale,D.S.  
Persistent sodium channel activity mediates subthreshold membrane potential oscillations and low-threshold spikes in rat entorhinal cortex layer V neurons  
Neuroscience 102 (2001)53 – 64
- AGREE Colloboration  
(Appraisal of Guidelines, Research, and Evaluation in Europe (AGREE) Collaborative Group). Appraisal of guidelines for research & evaluation (AGREE) instrument, 1998  
[www.agreecolloboration.org](http://www.agreecolloboration.org) (zit Cates et al., 2006)
- AGREE Colloboration  
AGREE instrument training manual. January 2003  
[www.agreecolloboration.org](http://www.agreecolloboration.org) (zit. Cates et al., 2006)
- AGS  
American Geriatrics Society. The management of persistent pain in older persons: AGS panel of persistent pain in the elderly  
JAGS 50 (2002)S 205 – 24 (zit. Berger et al., 2007)
- +Agten,A.  
Stevens,S., Verbrugge,J., Timmermans,A., Vandenabeele,F.

- Biopsy samples from the erector spinae of persons with nonspecific chronic low back pain display a decrease in glycolytic muscle fibers  
Spine J 20 (2020)199 - 206
- +Aguirrebena,I.L.  
Newham,D., Critchley,D.J.  
Mechanism of action of spinal mobilisations. A systematic review  
Spine 41 (2016)159 - 72
- +Aharony,S.  
Milgrom,C., Wolf,T., Barzilay,Y., Applbaum,Y.A., Schindel,Y., Finestone,A., Liram,N.  
Magnetic resonance imaging showed no signs of overuse or permanent injury to the lumbar sacral spine during a Special Forces training course  
Spine J 8 (2008)578 - 83
- AHCPR  
Agency for Health Care and Research: Acute Low Back Pain Problems in Adults. Clinical Practice Guideline Number 14, AHCPR Publication No. 95 – 0642: December, 1994 (zit. AMK, 2007)
- +Ahern,D.K.  
Follick,M.J., Council,J.R., Laser-Wolston,N., Litchman,H.  
Comparision of lumbar paravertebral EMG patterns in chronic low back pain patients and non-patient controls  
Pain 34 (1988)153 – 60
- +Ahern,D.K.  
Follick,M.J., Council,J.R., Laser-Wolston,N.  
Reliability of lumbar paravertebral EMG assessment in chronic low back pain  
Arch Phys Med Rehabil 67 (1986) 762 – 5
- +Ahlqwist,A.  
Hagman,M., Kjellby-Wendt,G., Beckung,E.  
Physical therapy treatment of back complaints on children and adolescents  
Spine 33 (2008)E721 - 7
- +Ahmadi,S.  
Lipross,S., Neuhuber,W.L., Zeilhofer,H.U.  
PGE2 selectively blocks inhibitory glycinergic neurotransmission onto rat superficial dorsal horn neurons  
Nat Neurosci 5 (2005)34 – 40

- +Ahmed,A.S. Li,J., Erlandsson-Harris,H., Stark,A., Bakalkin,G., Ahmed,M.  
Suppression of pain and joint destruction by inhibition of the proteasome system in experimental osteoarthritis  
Pain 153 (2012)18 - 26
- +Ahmed,M. Bjurholm,A., Kreicbergs,A., Schultzberg,M.  
Neuropeptide Y, tyrosine hydroxylase and vasoactive intestinal polypeptide-immunoreactive fibers in the vertebral bodies, discs, dura mater, and spinal ligaments of the rat lumbar spine  
Spine 18 (1993)268 – 73
- +Ahmed,S. Mayo,N., Corbiere,M., Wood-Dauphinee,S., Hanley,J., Cohen,R.,  
Using the patient generated index to evaluate response shift post stroke  
Qual Life Res 14 (2005)2247 – 57
- +Ahmed,S.A. Shantharam,G., Eltorai,A.E.M., Hartnett,D.A., Goodman,A., Daniels,A.H.,  
The effect of psychosocial measures of resilience and self-efficacy in patients with neck and lower back pain  
Spine J 19 (2019)232 - 7
- Ahn,K.H -n-. Kim,H.S., Yun,D.H., Hong,J.H.  
The relationship between the lower lumbar disc herniation and the morphology of the iliolumbar ligaments using magnetic resonance imaging  
J Korean Acad Rehabil Med 26 (2002)439 – 44 (zit. Peeters, 2011)
- +Ahn,K. Jhun,H.J., Lim,T.K., Lee,Y.S.  
Fluoroscopic guided transforaminal epidural dry needling for lumbar spinal stenosis using a specially designed needle  
BMC Musculoskeletal Disord 11 (2010)180
- +Ahn,S.H. Ahn,M.W., Byun,W.M.  
Effects of transligamentous extension of lumbar disc herniations on their regression and the clinical outcome of sciatica  
Spine 25 (2000)475 – 80

- +Ahn,S.H. Cho,Y.W., Ahn,M.W., Jang,S.H., Sohn,Y.K., Kim,H.S.  
mRNA expression of cytokines and chemokines in herniated lumbar intervertebral cells  
Spine 27 (2002)911 – 7
- +Ahrens,C. Schiltenwolf,M., Wang,H.  
Gesundheitsbezogene Lebensqualität (SF-36) bei chronischen Rückenschmerzen und gleichzeitiger Depression  
Schmerz 24 (2010)251 - 6
- +Ahrens,C. Schiltenwolf,M., Wang,H.  
Zytokine im psychoneuroendokrinimmunologischen Kontext unspezifischer muskuloskeletaler Schmerzen  
Schmerz 26 (2012)383 - 8
- +Ahsan,A.M. Jackson,T.S., Zink,J.G., Kilmore,M.A.  
A table to measure osteopathic manipulative therapy-induced changes in lumbar lordosis  
JAOA 80 (1981)753
- +Ahsin,S. Saleem,S., Bhatty,A.M., Iles,R.K., Aslam,M.  
Clinical and endocrinological changes after electro-acupuncture treatments in patients with osteoarthritis of the knee  
Pain 147 (2009)60 - 6
- +Aiba,A. Nakajima,A., Okawa,A., Koda,M., Yamazaki,M.  
Evidence of enhanced expression of osteopontin in spinal hyperostosis of the twy mouse  
Spine 34 (2009)1644 – 9
- +Aicher,S.A. Sharma,S., Cheng,P.Y., Liu-Chen,L.Y., Pickel,V.M.  
Dual ultrastructural localisation of mu-opiate receptors and substance P in the dorsal horn  
Synapse 36 (2000)12 – 20
- +Aigner,M. Die “gestörte Wirbelsäule” aus der Sicht der Psychiatrie  
Manuelle Med 54 (2016)35 - 9
- +Aihara,T. Takahashi,K., Ono,Y., Moriya,H.

Does the morphology of the iliolumbar ligament affect lumbar disc degeneration?

Spine 27 (2002)1499 – 1503

-Aihara,T.

Takahashi,K., Yamagata,M., Moriya,H., Tamaki,T.

Biomechanical functions of the iliolumbar ligament in L5 spondylolysis

J Orthop Sci 5 (2000)238 – 42 (zit. Peeters, 2011)

+Ainpradub,K.

Sitthipornvorakul,E., Janawantanaku,P., van der Beek,A.j.

Effect of education on non-specific neck and low back pain: A meta-analysis of randomized controlled trials

Man Ther 22 (2016)4: 31 - 41

+Aira,Z.

Buesa,I., Garcia del Cano,G., Bilbao,J., Donate,F., Zimmermann,M., Azkue,J.J.

Transient, 5-HT2B receptor-mediated facilitation in neuropathic pain: up-regulation of PKC-gamma and engagement of the NMDA receptor in dorsal horn neurons

Pain 154 (2013)1865 - 77

+Airaksinen,M.S.

Saarma,M.

The GDNF family: signalling, biological functions and therapeutic value

Nat Rev Neurosci 3 (2002)383 – 94

+Airaksinen,O.

Brox,J.I., Cedraschi,C., Hildebrandt,J., klaber-Moffet,J., Kovacs,F., Mannion,A., Reis,S., Staal,J., Ursin,H., Zanoli,G.

Chapter 4. European guidelines for the management of chronic nonspecific low back pain

Eur Spine J 15 (2006)Suppl. 2: S192 – S300

Airaksinen,O.

Brox,J.I., Cedraschi,C. et al.

European guidelines for the management of chronic nonspecific low back pain in primary care. COST B13 Working Group on Guidelines for chronic low back pain, European Comission, 2005 (zit. Dagenais et al., 2010)

Eur Spine J 15 (2006)S192 – 300 (zit. Pillastrini et al., 2012)

+Airaksinen,O.

Patijn,J., Beyer,L., Wilk,V., Yelland,M., Kuchera,M., Maigne,J.Y., Juul-Kristiansen,B.

Bericht der Internationalen Akademie für  
Manuelle/Muskuloskelettale Medizin (IAMMM):  
Abschließender Bericht des Efficacy Committee zur  
Lumbalregion

Manuelle Med 47 (2009)268 - 71

-Akahori,Y.

Hori,H.

IGF-1 enhances neurite regeneration but is not required for its survival in adult DRG explant

Neuroreport 13 (2002)1649 – 52 (zit. Takayama et al., 2008)

+Akeda,K.

An,H.S., Pichika,R., Patel,K., Muehleman,C. et al.

The expression of NG2 proteoglycan in the human intervertebral disc

Spine 32 (2007)306 - 14

+Akita,K.

A comparative anatomical study of muscles of the pelvic outlet and the piriformis with special reference to their innervations

Acta Anat Nippon 72 (1997)9 – 12

+Akita,K.

Sakomoto,H., Sato,T.

Stratification relationship among the main nerves from the dorsal division of the sacral plexus and the innervations of the piriformis

Anat Rec 233 (1992)633 – 42

+Akita,K.

Sakomoto,H., Sato,T.

Arrangement and innervations of the glutei medius and minimus and the piriformis: a morphological analysis

Anat Rec 238 (1994)125 – 30

(-)Akkarakittichoke,N.

Waengenngarm,P., Janwantanakul,P.

The effects of active break and postural shift interventions on recovery from and recurrence of neck and low back pain in office workers: A 3-arm cluster-randomized controlled trial

Musculoskel Sci Pract 56 (2021)102451  
[doi.org/10.1016/j.msksp.2021.102451](https://doi.org/10.1016/j.msksp.2021.102451)

+Akopian,A.N.

Sivilotti,L., Wood,N.J.

A tetrodotoxin-resistant voltage-gated sodium channel expressed by sensory neurons

- Nature 379 (1996)257 – 62  
+Alaburda,A.  
Perrier,J.F., Hounsgaard,J.  
Mechanisms causing plateau potentials in spinal motoneurons
- Adv Exp Med Biol 508 (2002)219 – 26  
+Aladin,D.M.K.  
Cheung,K.M.C., Chan,D., Yee,A.F.Y., Jim,J.J.T., Luk,K.D.K., Lu,W.W.  
Expression of the Trp2 allele of COL9A2 is associated with alterations in the mechanical properties of human intervertebral discs
- Spine 32 (2007)2820 - 6  
+Ala-Kokko,L.  
Genetic risk factors for lumbar disc disease  
Ann Med 34 (2002)42 – 7
- +Alamam,D.M.  
Moloney,N., Leaver,A., Alsobayel,H.I., Mackey,M.G.  
Multidimensional prognostic factors for chronic low back pain-related disability: a longitudinal study in a Saudi population
- Spine J 19 (2019)1548 -58  
+Alamin,T.F.  
Kim,M.J., Agarwal,V.  
Provocative lumbar discography versus functional anesthetic discography: a comparison of the results of two different diagnostic techniques in 52 patients with chronic low back pain
- Spine J 11 (2011)756 - 65  
Alaranta,H.  
Hurri,J.  
Compliance and subjective relief by corset treatment in chronic low back pain  
Scand J Rehabil Med 20 (1988)133 – 6 (zit. Oleske et al., 2007)
- Alaranta,H.  
Hurri,J., Heliövaara,M., Soukka,A., Harju,R.  
Non-dynamic trunk performance tests: reliability and normative data  
Scand J Rehab Med 26 (1994)211 – 5 (zit.Mayer et al., 2008)

- Alaranta,H. Luoto,S., Heliövaara,M. et al.  
Static back endurance and the risk of low back pain  
*Clin Biomech (Bristol, Avon)* 10 (1995)323 – 4 (zit. Stroyer & Jensen, 2008)
- +Alaranta,H. Rytökoski,U., Rissanen,A., Talo,S., Rönnemaa,T., Puukka,P., Karppi,S.L., Videman,T., Kallio,V., Slätsi,P.  
Intensive physical and psychosocial training program for patients with chronic low back pain. A controlled trial  
*Spine* 19 (1994)1340 – 9
- +Alaranta,H. Tallroth,K., Soukka,A., Heliövaraa,M.  
Fat content of lumbar extensor muscles in low back pain disability: A radiographic and clinical comparison  
*J Spinal Disord* 6 (1993)137 – 40
- +Alba-Delgado,C. El Khoueiry,C., Peirs,C., Dallel,R., Artola,A., Antri,M.  
Subpopulations of PKCgamma interneurons within the medullary dorsal horn revealed by electrophysiologic and morphologic approach  
*Pain* 156 (2015)1714 - 28
- +Alba-Delgado,C. Mico,J.A., Sanchez-Blazques,P., Berrocoso,E.  
Analgesic antidepressants promote the responsiveness of locus coeruleus neurons to noxious stimulation for neuropathic pain  
*Pain* 153 (2012)1438 - 49
- +Albaladejo,C. Kovacs,F.M., Royuela,A., del Pino,R., Zamora,J.  
The efficacy of a short education program and a short physiotherapy program for treating low back pain in primary care  
*Spine* 35 (2010)483 - 96
- +Albe-Fessard,D. Berkley,K.J., Kruger,L., Ralston 3rd,H.J., Willis Jr., W.D.,  
Diencephalic mechanisms of pain sensation  
*Brain Res* 356 (1985)217 – 96
- +Albert,H.B. Hauge,E., Manniche,C.,

Centralisation in patients with sciatica : are pain responses in repeated movement and positioning associated with outcome or types of disc lesions ?

Eur Spine J 20 (2011) online 23.9.2011, DOI 10.1007/s00586-011-2018-9

+Albert,H.B.

Lambert,P., Rollason,J., Sorenson,J.S., Worthington,T., Pedersen,M.B., Norgaard,H.S., Vergallis,A., Busch,F., Manniche,C., Elliott,T.

Does nuclear tissue infected with bacteria following disc herniation lead to Modic changes in the adjacent vertebrae ?

Eur Spine J 22 (2013a)690 - 6

+Albert,H.B.

Manniche,C.

Modic changes following lumbar disc herniation

Eur Spine J 16 (2007)977 – 82

+Albert,H.B.

Manniche,C.

The efficacy of systemic active conservative treatment for patients with severe sciatica. A single-blind, randomized, clinical controlled trial

Spine 37 (2012)531 - 42

+Albert,H.B.

Sorensen,J.S., Christensen,B.S., Manniche,C.

Antibiotic treatment in patients with chronic low back pain and vertebral bone edema (Modic type I changes): a double blind randomized clinical controlled trial of efficacy

Eur Spine J 22 (2013)697 - 707

+Albrecht,D.S.

Ahmed,S.U., Kettner,N.W., Borra,R.J.H., Cohen-Adad,J., Deng,H., Houle,T.T., Opalacz,A. und weitere 7 Autoren

Neuroinflammation of the spinal cord and nerve roots in chronic radicular pain patients

Pain 159 (2018)968 - 77

+Alcock,E.

Regaard,A., Browne,J.

Facet joint injection: a rare form cause of epidural abscess formation

Pain 103 (2003)209 - 10

+Aldrich,S.

Eccleston,C., Crombez,G.

- Worrying about chronic pain: vigilance to threat and misdirected problem solving  
*Behav Res Ther* 38 (2000)457 – 70
- +Al-Eisa,E.  
Egan,D., Deluzio,K., Wassersug,R.  
Effects of pelvic skeletal asymmetry on trunk movement: three-dimensional analysis in healthy individuals versus patients with mechanical low back pain  
*Spine* 31 (2006a)E71 - 9
- +Al-Eisa,E.  
Egan,D., Deluzio,K., Wassersug,R.  
Effects of pelvic asymmetry and low back pain on trunk kinematics during sitting: a comparison with standing  
*Spine* 31 (2006b)E135 – 43
- +Aleksiew,A.R.  
Ten-year follow-up of strengthening versus flexibility exercises with or without abdominal bracing in recurrent low back pain  
*Spine* 39 (2014)997 - 1003
- +Alexander,L.A.  
Hancock,E., Agouris,I., Smith,F.W., MacSween,A.  
The response of the nucleus pulposus of the lumbar intervertebral discs to functionally loaded positions  
*Spine* 32 (2007)1508 - 12
- (+)Alexander,N.  
Rastelli,A., Webb,T., Rajendran,D.  
The validity of lumbo-pelvic landmark palpation by manual practitioners : a systematic review  
Int J Osteop Med (2020)publ. 27.20.2020,  
doi.org/10.1016/j.ijosm.2020.10.008 ; Volltext  
[https://www.journalofosteopathicmedicine.com/S1746-0689\(20\)30208-X/fulltext](https://www.journalofosteopathicmedicine.com/S1746-0689(20)30208-X/fulltext)
- Alexandre,N.M.  
de Moraes,M.A., Correa Filho,H.R., Jorge,S.A.  
Evaluation of a program to reduce back pain in nursing personnel  
*Rev Salud Publica* 35 (2001)356 – 61
- +Alexiev,A.R.  
Some differences of the electromyographic erector spinae activity between normal subjects and LBP patients during the generation of isometric torque  
*Electromyogr Clin Neurophysiol* 34 (1994)495 – 9

- +Alford,D.A.    Commentary: Opioids for chronic pain in patients with substance abuse: Too much, too little or just right?  
Pain 145 (2009)267 - 8
- +Al-Ghoul, W.M.    Volsi,G.I., Weinberg,R.J., Rustioni,A.  
Glutamate immunocytochemistry in the dorsal horn after injury or stimulation of the sciatic nerve in rats  
Brain Res Bull 30 (1993)453 – 9
- Al-Hasani,R.    Bruchas,M.R.  
Molecular mechanisms of opioid receptor-dependent signalinh and behavior  
Anesthesiology 115 (2011)1363 – 81 (zit. Finkel & Pukish, 2019)
- +Alier,K.A.    Chen,Y., Sollenberg,U.E., Langel,Ü., Smith,P.A.  
Selective stimulation of GalR1 and GalR2 in rat substantia gelatinosa reveals a cellular basis for the anti- and pro-nociceptive actions of Galanin  
Pain 137 (2008)138 - 46
- +Alimasi,W.    Sawaji,Y., Endo,K., Yorifiji,M., Suzuki,H., Kosaka,T., Shishido,T., Yamamoto,K.  
Regulation of nerve growth factor by anti-inflammatory drugs, a steroid and a selective cyclooxygenase 2 inhibitor in human intervertebral disc cells stimulated with interleukin-1  
Spine 38 (2013)1466 - 72
- +Al-Khayer,A.    Schueler,A., Kruszewski,G., Armstrong,G., Grevitt,M.P.  
Driver reaction time before and after treatment for lumbar radiculopathy  
Spine 33 (2008)1696 - 1700
- Allan,D.B.    Waddell,G.  
An historical perspective on low back pain and disability  
Acta Orthop Scand 234 (1989)Suppl 1-23
- +Allegretti,A.    Borkan,J., Reis,S., Griffiths,F  
Paired interviews of shared experience around chronic low back pain: classic mismatch between patients and their doctors

Fam Pract 27 (2010)676 - 83

+Allen,C.

Glasziou,P., del Mar,C.

Bed rest: a potential harmful treatment needing more careful evaluation

Lancet 354 (1999)1229 – 33

+Allen,T.L.

Tatli,Y., Lutz,G.E.

Fluoroscopic percutaneous lumbar zygapophyseal joint cyst rupture: a clinical outcome study

Spine J 9 (2009)387 – 95

+Allender,S.

Foster,C., Scarborough,P., Rayner,M.

The burden of physical activity-related ill health in the UK

J Epidemiol Community Health 61 (2007)344 – 8

Allison,M.

Keller,C.

Physical activity in the elderly: benefits and intervention strategies

Nurse Pract 22 (1997)53 – 8 (zit. Basler et al., 2007)

+Almeida,C.

de Maman,A., Kusuda,R., Cadeti,F., Rivanelli,M.I., Queiroz,A.L ;, Souza,T.A., Zanon,S., Silveira,L.R., Lucas,G.

Exercise therapy normalizes BDNF upregulation and glial hyperactivity in a mouse model of neuropathic pain

Pain 156 (2015)504 - 13

+Al Nezari,N.H.

Schneiders,A.G., Hendrick,P.A.

Neurological examination of the peripheral nervous system to diagnose lumbar spinal disc herniation with suspected radiculopathy: a systematic review and metaanalysis

Spine J 13 (2013)657 - 74

+Alnojeidi,A.H.

Johnson,T.M., Richardson,M.R., Churilla,J.R.

Associations between low back pain and muscle-strengthening activity in U.S. adults

Spine 42 (2017)1220 - 5

+Alloui,A

Chassaing,C., Schmidt,J., Ardid,D., Dubray,C., Cloarec,A., Eschalier,A.

Paracetamol exerts a spinal, tropisetron-reversible, antinociceptive effect in an inflammatory pain model in rats

Eur J Pharmacol 443 (2002)71 – 7

+Alo,K.M.

Yland,M.J., Kramer,D.L., Charnov,J.H., Redko,V.

Botulinum toxin in the treatment of myofascial pain

Pain Clinic 10 (1997)107 – 16

+Aloisi,A.M.

Gonadal hormones and sex differences in pain reactivity

Clin J Pain 19 (2003)168 - 74

+Aloisi,A.M.

Pari,G., Ceccarelli,I., Vecchi,I., Ietta,F., Lodi,I., Paulesu,I.

Gender-related effects of chronic non-malignant pain and Opioid therapy on plasma levels of macrophage migration inhibitory factor (MIF)

Pain 115 (2005)142 – 51

+Alonso,J.M.

Junge,A., Renström,P., Engebretsen,L., mountjoy,M., Dvorak,J.

Sports injuries surveillance during the 2007 IAAF world athletics championchips

Clin J Sports Med 18 (2009)26 - 32

+Alonso-Blanco,C.

Fernandez-de-las-Penas,P.T., Morales-Cabezas,M., Zarco-Moreno,P., Ge,H.Y., Florez-Garcia,M.

Multiple active trigger points reproduce the overall spontaneous pain pattern in women with fibromyalgia and are related to widespread mechanical hypersensitivity

Clin J Pain 27 (2011)405 – 13

+Al-Rawahi,M.

Luo,J., Pollintine,P.,Dolan,P., Adams,M.A.

Mechanical function of vertebral body osteophytes, as revealed by experiments on cadaveric spines

Spine 36 (2011)770 - 777

+Alrwaily,M.

Almutiri,M., Schneider,M.

Assessment of variability in traction interventions for patients with low back pain: a systematic review

Chiropr Man Ther 26 (2018)35 doi/10.1186/s12998-018-0205-z

- +Alsaadi,S.M. McAuley,J.H., Hush,J.M., Lo,S., Bartlett,D.J., Grunstein,R.R., Maher,C.G.  
The biderictional relationship between pain intensity and sleep disturbance/ quality in patients with low back pain  
*Clin J Pain* 30 (2014)755 – 65
- +Alschuler,K.N. Hoodin,F., Murphy,S.L., Geisser,M.E.  
Ambulatory monitoring as a measure of disability in chronic low back pain populations  
*Clin J Pain* 27 (2011)707 - 15
- +Alschuler,K.N. Hoodin,F., Murphy,S.L., Rice,J., Geisser,M.E.  
Factors contributing to physical activity in a chronic low back pain clinical sample: a comprehensive analysis using continuous ambulatory monitoring  
*Pain* 152 (2011)2521 - 7
- +Alschuler,K.N. Neblett,R., Wiggert,E., Haig,A.J., Geisser,M.E.  
Flexion-relaxation and clinical features associated with chronic low back pain. A comparison of different methods of quantifying flexion-relaxation  
*Clin J Pain* 25 (2009)760 - 6
- +Alschuler,K.N. Theisen-Goodvich,M.E., Haig,A.J., Geisser,M.E.  
A comparison of the relationship between depression perceived disability, and physical performance in persons with chronic pain  
*Eur J Pain* 12 (2008)757 - 64
- +Al-Shammary,S.A. Khoja,T.A., Kremlji,M., Al-Balla,S.R.  
Low back pain and obesity in primary health care,Riyadh Saudi Arabia  
*Saudi Med J* 15 (1994)223 – 6
- (-)Alsubaie,A.M. Martienz-Valdes,E., de Nunzio,A.M., Falla,D.  
Trunk control during repetitive sagittal movements following a real-time tracking task in people with chronic low back pain  
*J Elektromyogr Kinesiol* 57 (2021)102533  
[doi.org/10.1016/j.jelekin.2021.102533](https://doi.org/10.1016/j.jelekin.2021.102533)
- +Alt,S. Alt,B., Loudovici-Krug,D., Knie,R., Smolenski,U.

Respiratorische Verschieblichkeit der Nieren. Sonographische bestimmung in Ruheatmung und bei forciertter Atmung

Manuelle Med 53 (2015)338 - 44

+Altinel,L.

Kose,K.C., Ergan,V., Isik,C., Aksoy,Y., Ozdemir,A., Toprak,D., Dogan,N.

Afyonkarahisar ilinde eriskinlerde bel agrisi sikligi ve etkileyen faktörler

(The prevalence of low back pain and risk factors among adult population in Afyon region, Turkey)

Acta Orthop Traumatol Turc 42 (2008)328 – 33

+Altmaier,E.M.

Russell,D.W., Kao,C.F., Lehmann,T.R., Weinstein,J.N.

Role of self-efficacy in rehabilitation outcome among chronic low back pain patients

J Consult Clin Psychol 40 (1993)335 – 9

-Altman,R.D.

Hochberg,M.C., Moskowitz,R.W., Schnitzer,T.J.

Recommendations for the medical management of osteoarthritis of the hip and knee

Arthritis Rheum 43 (2000)1905 – 15 (zit. Überall er al., 2008)

+Altshuler,D.

Daly,M.J., Lander,E.S.

Genetic mapping in human disease

Science 322 (2008)881 – 8

+Altun,I.

Cytokine profile in degenerated painful intervertebral disc: variability with respect to duration of symptoms and type of disease

Spine J 16 (2016)857 - 61

+Alvarez,P.

Bogen,O., Green,P.G., Levine,J.D.

Nociceptor interleukin 10 receptor 1 is critical for muscle analgesia induced by repeated bouts of eccentric exercise in the rat

Pain 158 (2017)1481 - 8

+Alvarez,P.

Green,P.G., Levine,J.D.

Role for monocyte chemoattractant protein-1 in the induction of chronic muscle pain in the rat

Pain 155 (2014)1161 - 7

+Alvarez-Leefmans,F.J.

Leon-Olea,M., Mendoza-Sotelo,J., Alvarez,F.J., Anton,B.,  
Garduno,R

Immunolocalization of the  $\text{Na}^+ \text{-K}^+$ - $2\text{Cl}^-$ cotransporter in  
peripheral nervous tissue of vertebrates

Neurosci 104 (2001)569 – 82

(-)Alves Prado,E.R.

Meireles,S.M., Araujo Carvalho,A.C., Fantin Mazoca,M.,  
Motta Neto,A.d.M., Barboza da Silva,R.

Influence of isostreching on patients with chronic low back  
pain. A randomized controlled trial

J Physioth Theor Pract (2019)  
[doi.org/10.1080/09593985.2019.1625091](https://doi.org/10.1080/09593985.2019.1625091)

+Alviso,D.J.

Dong,G.T., Lentell,G.L.

Intertester reliability for measuring pelvic tilt in standing

Phys Ther 68 (1988)1347 – 51

(-)Always,P.

Felton,P., Brooke-Wavell,K., Peirce,N., King,M.

Cricket fast bowling technique and lumbar bone stress injury

Med Sci Sports Exerc 53 (2020)581 – 9  
[doi.org/10.1249/MSS.0000000000002512](https://doi.org/10.1249/MSS.0000000000002512)

+Amanzio,M.

Benedetti,F.

Neuropharmacological dissection of placebo analgesia:  
expectation-activated opioid system versus conditioning-  
activated specific subsystems

J Neurosci 19 (1999) 484 – 94

+Amanzio,M.

Pollo,A., Maggi,C., Benedetti,F.

Response variability to analgesics: a role for non-specific  
activation of endogenous opioids

Pain 90 (2001)205 - 15

+Amaya,F.

Decosterd,I., Samad,T.A., Plumpton,C., Tate,S. Mannion,R.J.,  
Costigan,M., Woolf,C.J.

Diversity of expression of the sensory neuron-specificTTX-  
resistant voltage-gated sodium ion channels SNS and SNS2

Mol Cell Neurosci 15 (2000)331 – 42

- +Amaya,F. Samad,T.A., Barrett,L.,Broom,D.C., Woolf,C.J.  
periganglionic inflammation elicits a distally radiating pain hypersensitivity by promoting COX-“ induction in the dorsal root ganglion  
Pain 142 (2009)59 - 67
- +Amaya,F. Shimosato,G., Nagano,M., Ueda,M., Hashimoto,S., -Tanaka,Y., Suzuki,H., Tanaka,M.  
NGF and GDNF differentially regulate TRPV1 expression that contributes to development of inflammatory thermal hyperalgesia  
Eur J Neurosci 20 (2004)2303 – 10
- +Amaya,F. Shimosato,G., Kawasaki,Y., Hashimoto,S., Tanaka,Y., Ji,R.R., Tanaka,M.  
Induction of CB-1 cannabinoid receptor by inflammation in primary afferent neurons facilitates antihyperalgesic effect of peripheral CB-1 agonist  
Pain 124 (2006)175 – 83
- +Ambalavanar,R. Moritani,M., Haines,A., Hilton,T., Dessem,D.  
Chemical phenotypes of muscle and cutaneous afferent neurons in the rat trigeminal ganglion  
J Comp Neurol 460 (2003)167 – 79
- +Amelot,A. Mathon,B., Haddad,R., Renault,M.C., Duguet,A., Steichen,O.  
Low back pain among medical students. A burden and an impact to consider!  
Spine 44 (2019)1390 - 5
- +Amelung,P. Sport- und Bewegungstherapie im Rahmen der multimodalen Komplexbehandlung des Bewegungssystems  
Manuelle Med 57 (2019)313 - 8
- +Amelung,P. Seidel,W.  
Die instrumentierte Ganganalyse im Rahmen eines manualmedizinisch orientierten Diagnostik- und Therapiesettings im Krankenhaus bei Patienten mit Schmerzerkrankungen des Bewegungssystems  
Man Med 43 (2005)404 – 13

- American Academy of Orthopedic Surgeons A glossary of spinal terminology. Quoted in:  
Frymoyer,J., Pope, M.H. Segmental instability.  
  
Semin Spine Surg 3 (1991)109 (zit. Scott et al., 2003)
- American College of Sports Medicine (ACSM) ACSM's guidelines for exercise testing and  
prescription  
  
6<sup>th</sup> ed., Philadelphia,PA, Lippincot, Williams and Wilkins,  
2000, p. 245 (zit. Liddle et al., 2004)
- American Psychiatric Association Diagnostic and Statistical Manual of Mental Disorders  
  
3<sup>rd</sup> ed. Revised, Washington, DC, American Psychiatric  
Association, 1987
- American Psychiatric Association Diagnostical and Statistical Manual of Mental Disorders, 5<sup>th</sup>  
ed., Arlington,VA, 2013
- +Ameye,L.G. Young,F.M.  
  
Animal models of osteoarthritis: lessons learned while  
seeking the “Holy Grail”  
  
Curr Opin Rheumatol 18 (2006)537 – 47
- +Amin,D.B. Tavakoli,J., Freeman,B.J.C., Costi,J.J.  
  
Mechanisms of failure following simulated repetitive lifting. A  
clinical relevant biochemical cadaveric study  
  
Spine 45 (2020)357 - 67
- +Amir,R. Argoff,C.E., Bennett,G.J., Cummins,T.R., Durieux,M.E.,  
Gerner,P.,et al.  
  
The role of sodium channels in chronic inflammatory and  
neuropathic pain  
  
J Pain 7 (2006)S1 – 29
- +Amir,R. Michaelis,M., Devor,M.  
  
Membran potential oscillations in dorsal root ganglion  
neurons: role in normal electrogenesis and neuropathic pain  
  
J Neurosci 19 (1999)8589 – 96
- +Amirdelfan,K. Webster,L., Poree,L., Sukul,V., McRoberts,P.  
  
Treatment options for failed back surgery syndrome patients  
with refractory chronic pain: an evidence based approach  
  
Spine 42 (2017)14S: S41 - 52

- AMK s. Arzneimittelkommission;
- +Amlie,E. Weber,H., Holme,I.
- Treatment of acute low back pain with piroxicam: results of a double-blind placebo-controlled trial  
Spine 12 (1987)473 – 6
- +Ammendolia,C. Cote,P., Hogg-Johnson,S., Bombardier,C.
- Utilisation and costs of lumbar and full spine radiography by Ontario chiropractors from 1994 to 2001  
Spine J 9 (2009)556 - 63
- +Ammendolia,C. Furlan,A., Imamura,M., Irvine,E., van Tulder,M.
- Evidence-informed management of chronic low back pain with needle acupuncture  
Spine J 8 (2008)160 - 172
- +Ammendolia,C. Rampersaud,Y.R., Southerst,D., Ahmed,A., Schneider,M., Hawker,G., Bombardier,C., Cote,P.
- Effect of a prototype spinal stenosis belt versus a lumbar support on walking capacity in lumbar spinal stenosis: a randomized controlled trial  
Spine J 19 (2019)386 - 94
- +Ammar,T. A randomized comparison of supervised clinical exercise versus a home exercise program in patients with chronic back pain  
Phys Ther Rehab 4 (2017)7 doi: 10.7243/2055-2386-4-7
- +Ammer,K. Ist beim chronischen Kreuzschmerz eine stabilisierende Wirbelsäulengymnastik wirksamer als Manualtherapie?  
Manuelle Med. 45 (2007)52 -5
- +Ammer,K. Was verstehen Rückenschmerzpatienten unter dem Begriff "wiederhergestellt"?  
Manuelle Med 47 (2009)133 – 5
- +Ammer,K. Die Wiederholbarkeit von Palpationsbefunden an der Wirbelsäule ist gering  
Manuelle Med 47 (2009a)349 - 51
- +Ammer,K. Schmerhaftes Iliolumbalband: physiologische Grundlagen

- +Ammer,K.  
Manuelle Med 48 (2010)141 - 2  
Mangelnde, zusätzliche Wirksamkeit von Manualtherapie bei akuten Kreuzschmerzen
- +Ammer,K.  
Manuelle Med 48 (2010a)143 – 4  
Keine Altersabhängigkeit der Dicke des Ligamentum flavum
- +Ammer,K.  
Manuelle Med 48 (2010b)210 – 2  
Wirksamkeit manueller Therapien bei muskuloskeletalen und anderen Erkrankungen
- +Ammer,K.  
Manuelle Med 48 (2010c)213 – 4  
Kombinierte chiropraktische Behandlung bei Kreuzschmerzen
- +Ammer,K.  
Manuelle Medizin 49 (2011)270 - 2  
Welche Bedeutung hat das Seitenungleichgewicht der paravertebralen Muskulatur als Zeichen für Kreuzschmerzen?
- +Ammer,K.  
Manuelle Med 50 (2012)217 - 22  
Reduziert die Manipulation die Behinderung von Patienten mit akuten unspezifischen Kreuzschmerzen besser als Diclofenac?
- +Ammer,K.  
Manuelle Med 51 (2013)313 - 6  
Diagnostische Genauigkeit der körperlichen Untersuchung bei Patienten mit vermuteter chronischer lumbaler Radikulopathie
- +Ammer,K.  
Manuelle Med 51 (2013a)496 – 502  
Schmerzreduktion durch Placebomanipulation versus tatsächliche Manualtherapie
- +Ammer,K.  
Manuelle Med 52 (2014)346 - 8  
Zusammenhang zwischen der Schmerzreduktion nach Manualtherapie an der Lendenwirbelsäule und Wassereinstrom in die Bandscheiben
- +Ammer,K.  
Manuelle Med 52 (2014a)437 - 9  
Wirksamkeit der osteopathischen manipulativen Therapie bei Patienten mit unspezifischen Kreuzschmerzen
- +Ammer,K.  
Manuelle Med 53 (2015)225 - 8

- +Amorim,A.B. Levy,G.M., Perez-Riquelme,F., Simic,M., Pappas,E., Dario,A.B., Ferreira,M.L., Carillo,E., Luque-Suarez,A., Ordonana,J.R., Ferreira,P.H.
- Does sedentary behavior increase the risk of low back pain? A population-based co-twin study of Spanish twins  
Spine J 17 (2017)933 - 42
- +Amorim,A.B. Pappas,E., Simic,M., Ferreira,M.L.: Tiedemann,A., Jennings,M., Ferreira,P.H.
- Integrating mobile health and physical activity to reduce the burden of chronic low back pain trial (IMPACT): a pilot trial protocol  
BMC Musculoskelet Disord  
<http://bmcmusculoskeletdisord.biomedcentral/articles/10.118...> (zugegriffen 9.2.2016)
- +Amour,A.. Slocumbe,P.M., Webster,A., Butler,M., Graham Knight,C., Smith,B.J., Stephens,P.E., Shelley,C., Hutton,M., Knäuper,V., Docherty,A.J.P., Murphy,G.
- TNF-alpha converting enzyme (TACE) is inhibited by TIMP-3  
FEBS Lett 435 (1998)39 – 44
- +Amour,A. Graham Knight,C., Webster,A., Slocumbe,P.M., Stephens,P.E., Knäuper,V., Docherty,A.,J.P., Murphy,G. The in-vitro activity of ADAM-10 is inhibited by TIMP-1 and TIMP-3  
FEBS Lett 473 (2000)275 – 9
- Anagnostis,C. Gatchel,R.J., Mayer,T.G.  
The Pain Disability Questionnaire  
Spine 29 (2004)2290 – 302 (zit.Tang et al., 2010)
- +Anakwenze,O.A. Namdari,S., Auerbach,J.D., Baldwin,K., Weidner,Z.D., Lonner,B.S., Huffman,G.R., Sennett,B.J.  
Athletic performance outcomes following lumbar disectomy in profesional basketball players  
Spine 37 (2010)825 - 8
- +Anand,U. Otto,W.R., Sanchez-Herrera,D., Facer,P., Yangou,Y., Korchev,Y., Birch,R., Benham,C., Bountra,C., Chessel,I.P., Anand,P.  
cannabinoid receptor CB2 localisation and agonist-mediated inhibition of capsaicin responses in human sensory neurons

- Pain 138 (2008)667 – 80  
Anders,C.  
Puta,C., Wagner,H. et al.  
Muskelkoordination im Rumpfbereich: Zusammenhang zwischen chronischen unspezifischen Rückenschmerzen und Motorik während Lokomotion  
Busert & Stadeler, Jena, 2006 (zit. Wagner et al., 2009)
- +Andersen,J.H.  
Haahr,J.P., Frost,P.  
Risk factors for more severe regional musculoskeletal symptoms: a two-year prospective study of a general working population  
Arthritis Rheum 56 (2007)1355 – 64
- +Andersen,L.B.  
Wedderkopp,N., Leborf-Yde,C.  
Association between back pain and physical fitness in adolescents  
Spine 31 (2006)1740 – 4
- +Andersen,L.L.  
Andersen,C.H., Sundstrup,E., Jakobsen,M.D., Mortensen,O.S., Zebis,M.K.  
Central adaptation of pain perception in response to rehabilitation of musculoskeletal pain: randomized controlled trial  
Pain Phys 15 (2012)385 - 93
- +Andersen,L.L.  
Saervoll,C.A., Mortensen,O.S., Poulsen,O.M., Hannerz,H., Zebis,M.K.  
Effectiveness of small daily amounts of progressive resistance training for frequent neck/shoulder pain: randomized controlled trial  
Pain 152 (2011)440 - 6
- +Andersen,L.L.  
Suetta,C., Andersen,J.L., Kjaer,M., Sjogaard,G.  
Increased proportion of megafibers in chronically painful muscles  
Pain 139 (2008)588 - 93
- +Andersen,K.  
Baardsen,R., Dalen,I., Larsen,J.P.  
Impact of exercise programs among helicopter pilots with transient LBP

BMC Musculoskelet Disord 18 (2017)269

+Anderson,D.B.

de Luca,K., Jensen,R.K., Eyles,J.P., van Gelder,J.M., Friedly,J.L., Maher,C.G., Ferreira,M.L.

A critical appraisal of clinical practice guidelines for the treatment of lumbar spine stenosis

Spine J 21 (2021)455 – 64

doi.org/10.1016/j.spinee.2020.10.022

+Anderson,D.B.

Mathieson,S., Eyles,J., Maher,C.G., van Gelder,J.M., Tomkins-Lane,C.C., Ammendolia,C., Bella,V., Ferreira,M.L.

Measurement properties of walking outcome measures for neurogenic claudication: a systemic review and meta-analysis

Spine J 19 (2019)1387 - 96

+Anderson,D.G.

Izzo,M.W., Hall,D.J., Vaccaro,A.R., Hilibrand,A., Arnold,W., Tuan,R.S., Albert,T.J.

Comparative gene expression profiling of normal and degenerative discs: analysis of a rabbit annular laceration model

Spine 27 (2002)1291 – 6

+Anderson,D.G.

Markova,D., Adams,S.L., Pacifici,M., An,H.S., Zhang,Y.

Fibronectin splicing variants in human intervertebral disc and association with disc degeneration

Spine 35 (2010)1581 - 8

-Anderson,K.A. et al.

Development and initial validation of a scale to measure self-efficacy beliefs in patients with chronic pain

Pain 63 (1995)77 - 84

+Anderson,P.A.

Carreon,L.Y., Glassman,S.D.

Response shift phenomenon. Does this apply to spine outcomes research? (commentary)

Spine J 9 (2009)1037 - 8

+Anderson,P.A.

Schwaegler,P.E., Cizek,D., Leverson,G.

Work status as a predictor of surgical outcome of discogenic low back pain

Spine 31 (2006)2510 - 5

+Anderson,R.

Meeker,W.C., Wirick,B.E., Mootz,R.D., Kirk,D.H., Adams,A.

- A meta-analysis of clinical trials on spinal manipulation  
J Man Phys Ther 15 (1992)181 – 94
- Anderson,R.T. Orthopaedic ethnography in rural Nepal  
Medical Anthropology 8 (1984)46 – 59 (zit. Pfingsten & Müller, 2005)
- +Andersson,B.J.G. Jonsson,B., Örtengren,R.  
Myoelectric activity in individual lumbar erector spinae muscles in sitting. A study with surface and wire electrodes  
Scand J Rehabil Sports Med 3 (1974)Suppl. 91 – 108
- +Andersson,C. Chaffin,D., Herrin,C., Mathews,L.  
A biomechanical model of the lumbosacral joint during lifting activities  
J Biomech 18 (1985)571 – 84
- +Andersson,E. Oddsson,L., Grundström,H., Thorstensson,A.  
The role of the psoas and iliacus muscle for stability and movement of the lumbar spine, pelvis and hip  
Scand J Med Sci Sports 1 (1995)10 – 6
- +Andersson,E.A. Oddsson,L.E., Grundstrom,H., Nilsson,J., Thorstesson,A.  
EMG activities of the quadratus lumborum and erector spinae muscles during flexion-relaxation and other motor tasks.  
Clin Biomech 28 (1995)199 – 210
- +Andersson,E.I. Lin,C.C., Smeets,R.J.E.M.  
Performance tests in people with chronic low back pain: responsiveness and minimal clinical important change  
Spine 35 (2010)E 1559 - 63
- Andersson,G. Epidemiological features of chronic low back pain  
Lancet 345 (1999)581 - 5
- +Andersson,G.B. Örtengren,R., Nachemson,A.  
Intradiscal pressure and myoelectric back muscle activity related to posture and loading  
Clin Orthop 129 (1977)156 – 64

- +Andersson,G.B.J. Epidemiologic aspects on low back pain in industry  
Spine 6 (1981)53 – 60
- Andersson,G.B.J. The epidemiology of spinal disorders  
In: Frymoer,J.W. ed. The adult spine: principles and practise.  
2<sup>nd</sup> ed., Philadelphia, Lippincott-Raven, 1997, p. 93 – 146
- +Andersson, G.B.J. Epidemiology of low back pain  
Acta Orthop Scand 69 (1998) Suppl.281: 28 – 31
- +Andersson, G.B.J. Epidemiological features of chronic low back pain  
Lancet 354 (1999)581 -5
- +Andersson,G.B.J. Luente,T., Davis,A.M., Kappler,R.E., Lipton,J.A., Leurgans,S.  
A comparison of osteopathic spinal manipulation with  
standard care for patients with low back pain  
N Engl J Med 341 (1999)1426 – 31
- +Andersson,H. Ejlertsson,G., Leden,I  
Widespread musculoskeletal pain associated with smoking.  
An epidemiological study in a general rural population  
Scand J Rehabil Med 30 (1998)185 – 91
- +Anderzen,I. Arnetz,B.B.  
The impact of a prospective survey-based workplace  
intervention program on employee health, biologic stress  
markers, and organizational productivity  
J Occup Environ Med 47 (2005)671 – 82
- +Andrade,P. Hoogland,G., Teernstra,O.P., van Aalst,J., van Maren,E.,  
Daemen,M.A., Visser-Vanderwalle,V.  
Elevated levels of tumor necrosis factor-alpha and TNFR1 in  
recurrent herniated lumbar discs correlate with chronicity of  
postoperative sciatic pain  
Spine J 16 (2016)243 - 51
- +Andrassanova,T. Kalikova,E., Kopacik,R., Srotova,I., Vlckova,E., Dusek,L.,  
Bednarik,J., Adamova,B.  
Evaluation of the neuropathic component of chronic low back  
pain  
Clin J Pain 35 (2019)7 - 17

- +Andrews,N.E. Strong,J., Meredith,P.J., Gordon,K., Bagraith,K.S.  
"It's very hard to change yourself": an exploration of overactivity in people with chronic pain using interpretative phenomenological analysis  
*Pain* 156 (2015)1215 - 31
- +Andrews,N.E. Strong,J., Meredith,P.J.  
Overactivity in chronic pain: is it a valid construct?  
*Pain* 156 (2015a)1991 - 2000
- +Andrews,N.E. Strong,J., Meredith,P.J.,Fleming,J.A.  
The relationship between overactivity and opioid use in chronic pain: a 5-day observational study  
*Pain* 157 (2016)466 - 74
- +Anema,J.R. Steenstra,I.A., Bongers,P.M., de Vet,H.C.W. Knol,D.L., Loisel,P., van Mechelen,W.  
Multidisciplinary rehabilitation for subacute low back pain: graded activity or workplace intervention or both?  
A randomized controlled trial  
*Spine* 32 (2007)291 - 8
- +Anema,J.R. van der Giezen,A.M., Buijs,P.C., van Mechelen,W.  
Ineffective disability management by doctors is an debacle for return-to-work: a cohort study on low back pain patients sicklisted for 3 – 4 months  
*Occup Environ Med* 59 (2002)729 - 33
- +Ang,E.T. Gomez-Pinilla,F.  
Potential therapeutic effects of exercise to the brain  
*Curr Med Chem* 14 (2007)2564 – 71
- +Angevine,P.D. Berven,S.  
Health economic studies. An introduction to cost-benefit, cost-effectiveness and cost-utility analysis  
*Spine* 39 (2014) 22S: S9 – S15
- +Angevine,P.D. McCormick,P.C.

- Inference and validity in the SPORT herniated lumbar disc randomized clinical trial  
Spine J 7 (2007)387 - 91
- +Angst,F.  
Verra,M.L., Lehmann,S., Aeschlimann,A., Angst,J.
- Refined insights into the pain-depression association in chronic pain patients  
Clin J Pain 24 (2008)808 - 16
- +Angst,M.S.  
Chu,L.F., Tingle,M.S., Shafer,S.L., Clark,J.D., Drover,D.R.
- No evidence for the development of acute tolerance to analgesic, respiratory depressant and sedative opioid effects in humans  
Pain 142 (2009)17 - 26
- +Angst,M.S.  
Clark,D.J., Carvalho,B., Tingle,M., Schmelz,M., Yeomans,D.C.
- Cytokine profile in human skin in response to experimental inflammation, nocuous stimulation, and administration of a COX-inhibitor: a microdialysis study  
Pain 139 (2008)15 - 27
- +Angst,M.S.  
Koppert,W., Pahl,I., Clark,D.J., Schmelz,M.
- Short-term infusion of the mu-opioid agonist remifentanil in humans causes hyperalgesia during withdrawal  
Pain 106 (2003)49 - 57
- +Angst,M.S.  
Phillips,N.G., Drover,D.R., Tingle,M., Ray,A., Swan,G.E., Lazzeroni,L.C., Clark,J.D.
- Pain sensitivity and opioid analgesia: A pharmacogenomic twin study  
Pain 153 (2012)1397 - 1409
- +Anitescu,M.  
PB92: Evaluation of functional anesthetic discography as a clinical tool to identify false positive intervertebral discs  
Pain Pract 9 (2009)Suppl.1: 119
- +Ankermann,K.-J.  
Zur Inzidenz funktionell- reversibler und statischer Störungen des lumbosakroiliakalen Bereichs unter besonderer Berücksichtigung von Mehrfachstörungen  
Manuelle Med 25 (1987)103 - 7

- +Ankermann,K.J. Reversible Fehlstellung des Beckens bei Kombination von partiellen Blockierungen mit Nutations- oder Gegennutationsläsionen im Iliosakralgelenk  
Manuelle Med 28 (1990)89 - 94
- (-)Anloague,A. Mahoney,A., Ogunbekun,O., Hiland,T.A., Thompson,W.R., Larsen,B., Loghmani,M.T., Hum,J.M., Lowery,J.W.  
Mechanical stimulation of human dermal fibroblasts regulates pro-inflammatory cytokines: potential insight into soft tissue manual therapies  
BMC Res Notes 13 (2020)400 doi.org/10.1186/s13104-020-05249-1
- +Annen,M. Peterson,C., Leemann,S., Schmid,C., Anklin,B., Humphreys,B.K:  
Comparison of outcomes in MRI confirmed lumbar disc herniation patients with and without modic changes treated with high velocity, low amplitude spinal manipulation  
J Manipulat Physiol Ther 39 (2016)200 - 9
- +Annunen,S. Paasilta,P., Lohiniva,J., Perälä,M., Pihlajamaa,T., Karppinen,J., Tervonen,O., Kröger,H., Lähde,S., Vanharanta,H und weitere 5 Autoren  
An allele of COL9A2 associated with intervertebral disc disease  
Science 285 (1999)409 – 12
- +Antcliff,D. Campbell,M., Woby,S., Keeley,P.  
Activity pacing is associated with better and worse symptoms for patients with long-term conditions  
Clin J Pain 33 (2017)205 - 14
- +Anton,F. Chronic stress and pain – a plea for a concertes research program (editorial)  
Pain 143 (2009)163 - 4
- +Anton,F. Hanesch,U., Juif,P.-E., Michaux,G.  
Beeinflusst die Reagibilität der HPA – Achse Zytokinspiegel und die Schmerzverarbeitung?  
Schmerz 21 (2007)Suppl., 14 - 5

- +Antoniou,J. Mwale,F., Demers,C.N., Beaudoin,G., Goswami,T., Aebi,T., Alini,M.  
The human lumbar intervertebral disc: evidence for changes in the biosynthesis and denaturation of the extracellular matrix with growth, maturation, ageing, and degeneration  
*J Clin Invest* 98 (1996)996 – 1003
- Antoniou,J. et al. Quantitative magnetic resonance imaging of enzymatic induced degradation of the nucleus pulposus of intervertebral discs  
*Spine* 31 (2006)1547 - 54
- +Anzai,H. Hamba,M., Onda,A., Konno,S., Kikuchi,S.  
Epidural application of nucleus pulposus enhances nociresponces of rat dorsal horn neurons  
*Spine* 27 (2002)E 50 – 5
- AOK AOK-Bundesverband, Krankheitsartenstatistik 2001,  
Bonn, 2004 (zit. Kohlmann & Schmidt, 2004)
- +Aoki,K.R. Francis,J., Jost,W.H.  
Mögliche antinozizeptive Mechanismen von Botulinumtoxin  
*Schmerz* 20 (2006)381 – 387
- +Aoki,Y. An,H.S., Takahashi,K., Miyamoto,K., Ienz,M.E., Moriya,H., Masuda,K.  
Axonal growth potential of lumbar dorsal root ganglion neurons in an organ culture system: response of nerve growth factor-sensitive neurons to neuronal injury and an inflammatory cytokine  
*Spine* 32 (2007)857 - 63
- +Aoki,Y. Ohtori,S., Takahashi,K., Ino,H., Takahashi,Y., Chiba,T., Moriya,H.  
Innervation of the lumbar intervertebral disc by nerve growth factor-dependent neurons related to inflammatory pain  
*Spine* 29 (2004)1077 – 81
- Aoki,Y. Ohtori,S., Ino,H. et al.  
Disc inflammation potentially promotes axonal regeneration of dorsal root ganglion neurons innervating lumbar intervertebral disc in rats

- Spine 29 (2004)2621 – 6  
Aoki,Y. Rydevik,B., Kikuchi,S.  
Local application of disc-related cytokines on spinal nerve roots
- Spine 27 (2002)1614 – 7  
+Aoki,Y. Takahashi,Y., Ohtori,S., Moriya,H., Takahashi,K-Distribution and immunocytochemical characterisation of dorsal root ganglion neurons innervating the lumbar intervertebral disc in rat: a review
- Life Sci 74 (2004)2627 – 42  
+Aono,K. Kobayashi,T., Jimbo,S., Atsuta,Y., Matsuno,T.  
Radiographic analysis of newly developed degenerative Spondylolisthesis in a mean twelve-year prospective study
- Spine 35 (2010)887 – 91  
+Aoyagi,K. He,J., Nicol,A.L., Clauw,D.J., Kluding,P.M., Jernigan,S., Sharma,N.K.  
A subgroup of chronic low back pain patients with central sensitisation
- Clin J Pain 35 (2019)869 - 79  
+Aoyama,R Okada,Y., Yokota,S., Yasuni,Y., Fukuda,K., Shinozaki,Y., Yoshida,H., Nakamura,M., Chiba,K., Yasui,Y., Kato,F., Toyama,Y.  
Spatiotemporal and anatomical analyses of P2X receptor-mediated neuronal and glial processing of sensory signals in the rat dorsal horn
- Pain 152 (2011)2085 – 97  
+Apazidis,A. Ricart,P.A., Diefenbach,C.M., Spievak,J.M.  
The prevalence of transitional vertebrae in the lumbar spine
- Spine J 11 (2011)858 – 62  
+Apeldoorn,A.T. Bosmans,J.E., Ostelo,R.W., de Vet,H.C.W., van Tulder,M.W.  
Cost-effectiveness of a classification-based system for subacute and chronic low back pain
- Eur Spine J 21(2012)1290 - 1300  
+Apeldoorn,A.T. Bosselaar,H., Blom-Luberti,T., Twisk,J.W.R., Lankhorst,G.J.

The reliability of nonorganic sign-testing and the Waddell score in patients with chronic low back pain

Spine 33 (2008)821 – 6

+Apeldoorn,A.T.

Bosselaar,H., Ostelo,R.W., Blom-Luberti,T., van der Ploeg,T., Fritz,J.M., de Vet,H.C.W., van Tulder,M.W.

Identification of patients with chronic low back pain who might benefit from additional psychological assessment

Clin J Pain 28 (2012a)23 – 31

+Apeldoorn,A.T.

Ostelo,R.W., Fritz,J.M., van der Ploeg,T., van Tulder,M.W., de Vet,H.C.W.

The cross-sectional construct validity of the Waddell score

Clin J Pain 28 (2012b)309 - 17

+Apeldoorn,A.T.

Ostelo,R.W., van Helvoirt,H., Fritz,J.M., Knol,D.L., van Tulder,M.W., de Vet,H.C.W.

A randomized controlled trial on the effectiveness of a classification-based system for subacute and chronic low back pain

Spine 37 (2012c)1347 - 56

Apkarian,A.V.

Baliki,M.N., Geha,P.V.

Towards a theory of chronic pain

Prog Neurobiol 87 (2009)81 – 97 (zit, Tu et al., 2019)

+Apkarian,A.V.

Bushnell,M.C., Treede,R.D., Zubieta,J.K.

Human brain mechanisms of pain perception and regulation in health and disease

Eur J Pain 9 (2005)463 – 84

Apkarian,A.V.

Chialvo,D.R.

The shadows of pain (editorial)

Pain 123 (2006)221 – 2

+Apkarian,A.V.

Hashimi,J.A., Baliki,M.N.

Pain and the brain: Specificity and plasticity of the brain in clinical chronic pain

Pain 152 (2011)S49 – S64

- +Apkarian,A.V. Krauss,B.R., Fredrickson,B.F., Szeverenyi,N.M.  
Imaging the pain in low back pain: functional magnetic resonance imaging in combination with monitoring subjective pain reception allows the study of clinical pain states  
Neurosci Lett 299 (2001b)57 – 60
- +Apkarian,A.V. Mutso,A.A., Centeno,M.V., Kan,L., Wu,M., Levinstein,M., Banisadr,G., Gobeske,K.T., Miller,R.J., Radulovic,J., Hen,R., Kessler,J.A.  
Role of adult hippocampal neurogenesis in persistent pain  
Pain 157 (2016)418 - 28
- +Apkarian,A.V. Robinson,J.P.  
Low back pain  
Pain Clinical Updates 17 (2010)1 - 6
- Apkarian,A.V. Sosa,Y., Krauss,B.R., Thomas,P.S., Fredrickson,B.E., Levy,R.E. et al.  
Chronic pain patients are impaired on a decision-making task  
Pain 108 (2004)129 - 36
- +Apkarian,A.V. Sosa,Y., Souty,S., Levy,R.M., Harden,R.N., Parrish,T.B., Gitelman,D.R.  
Chronic back pain is associated with decreased prefrontal and thalamic grey matter density  
J Neurosci 24 (2004b)10410 – 5
- +Apkarian,A.V. Thomas,P.S., Krauss,B.R., Szeverenyi,N.M.  
Prefrontal cortical hyperactivity in patients with sympathetically mediated chronic pain  
Neurosci Lett 311 (2001c)193 – 7
- Apkarian,A.V et al. Imaging brain pathophysiology of chronic CRPS pain  
In Harden et al (eds): Complex regional pain syndrome. Seattle,WA: IASP Press, 2001a, p. 209 – 27
- +Aprile,I. Di Stasio,E., Vincenzi,M.T., Arezzo,M.F., de Santis,F., Mosca,R., Briani,C., di Sipio,E., Germanotta,M., Padua,L.  
The relationship between back pain and schoolbag use: a cross-sectional study of 5,318 Italian students

- Spine J 16 (2016)748 - 55  
+April,C.  
Bogduk, N.  
High-intensity zone: a diagnostic sign of painful lumbar disc on magnetic resonance imaging
- Br J Radiol 65 (1992)361 – 9  
+APTA  
Philadelphia Panel evidence-based clinical practice guidelines on selected rehabilitation interventions for low back pain
- Phys Ther 81 (2010)1641 - 74  
+Arab,A.M.  
Behbahani,R.B., Lorestani,L., Azari,A.  
PB94: Pelvic floor muscle dysfunction in woman with low back pain
- Pain Pract 9 (2009)Suppl.1: 119  
+Arana,E.  
Kovacs,F., Royuela,A., Estremera,A., Asenjo,B., Sarasibar,H., Amengual,G., Galarraga,I. Und weitere 9 Autoren  
Modic changes and associated features in Southern European chronic low back pain patients
- Spine J 11 (2011)402 - 11  
+Araldi,D.  
Ferrari,L.F., Levine,J.D.  
Repeated mu-opioid exposure induces a novel form of the hyperalgesic priming model for transition to chronic pain
- J Neurosci 9 (2015)35 : 12502 - 7  
+Araldi,D.  
Ferrari,L.F., Levine,J.D.  
Role of GPCR (mu-opioid)-receptor tyrosin kinase (epidermal growth factor) crosstalk in opioid-induced hyperalgetic priming (type II)
- Pain 159 (2018)864 - 75  
+Araque,A.  
Parpura,V., Sanzgiri,R.P., Haydon,P.Q.  
Tripartite synapses: glia, the unacknowledged partner
- Trends Neurosci 22 (1999)208 - 15  
+Araujo,F.  
Lucas,R., Alegrete,N., Azevedo,A., Barros,H.  
Individual and contextual characteristics as determinants of sagittal standing posture: a population-based study of adults

Spine J 14 (2014)2373 - 83

+Araujo,F.X.

Ferreira,G.E., Angellos,R.F., Stieven,F.F., Plentz,R.D.M., Silva,M.F.

Autonomic effects of spinal manipulative therapy: systemic review of randomized controlled trials

J Manipul Physiol Ther (2019) 23.11.2019  
doi.org/10.1016/j.jmpt.2018.12.005

+Araujo,M.C.

Sinnot,C.J., Strichartz,G.R.

Multiple phases of relief from experimental mechanical allodynia by systemic lidocaine: responses to early and late infusion

Pain 103 (2003)21 - 9

+Arbanas,J.

Pavlovic,I., Marijancic,V., Vlahovic,H., Starcecic-Klasan,G., Peharec,S., Bajek,S., Miletic,D., Malnar,D.

MRI features of the psoas major muscle in patients with low back pain

Eur Spine J 22 (2013)1965 – 71

+Arbus,L.

Fajadet,B., Aubert,D., Morre,M., Goldberger,E.

Activity of tetrazepam in low back pain

Clin Trials J 27 (1990)258 – 67

+Arcourt,A.

Lechner,S.G.

Peripheral and spinal circuits involved in mechanical allodynia

Pain 156 (2015)220 - 1

+Ardoin,S.P.

Sundy,J.S.

Update on nonsteroidal anti-inflammatory drugs

Curr Opin Rheumatol 18 (2006)221 - 6

+Arena,J.G.

Sherman,R.A., Bruno,G.M., Young,T.R.

Electromyographic recordings of low back pain subjects and non-pain controls in six different positions: effect of pain levels

Pain 45 (1991)23 – 8

+Arend,W.P.

Malyak,M., Guthridge,C.J., Gabay,C.

- Interleukin-1 receptor antagonist: role in biology  
Annu Rev Immunol 16 (1998)27 – 55
- +Arendt-Nielsen,L.  
Andresen,T., Malver,L.P., Oksche,A., Mansikka,H., Drewes,A.M.
- A double-blind, placebo-controlled study on the effect of buprenorphine and fentanyl on descending pain modulation. A human experimental study  
Clin J Pain 28 (2012)623 - 7
- +Arendt-Nielsen,L.  
Egsgaard,L.L., Petersen,K.K.
- Evidence for a central mode of action for etoricoxib (COX-2 inhibitor) in patients with painful knee osteoarthritis  
Pain 157 (2016)1634 - 44
- +Arendt-Nielsen,L.  
Falla,D.
- Motor control adjustments in musculoskeletal pain and the implications for pain recurrence (editorial)  
Pain 142 (2009)171 - 2
- +Arendt-Nielsen,L.  
Gotliebsen,K.
- Segmental inhibition of laser-evoked brain potentials by ipsi- and contralaterally applied cold pressure pain  
Eur J Appl Physiol 64 (1992)56 – 61
- +Arendt-Nielsen,L.  
Graven-Nielsen,T.
- Muscle pain: sensory implications and interaction with motor control  
Clin J Pain 24 (2008)291 - 8
- +Arendt-Nielsen,L.  
Graven-Nielsen,T., Svarrer,H., Svensson,P.
- The influence of low back pain on muscle activity and coordination during gait: a clinical and experimental study  
Pain 64 (1995a)231 – 40
- +Arendt-Nielsen,L.  
Petersen-Felix,S., Fischer,M., Bak,P., Bjerring,P., Zbinden,A.M.
- The effect of N-methyl-D-aspartate antagonist (ketamine) on single and repeated nociceptive stimuli: a placebo-controlled experimental human study  
Anesth Analg 81 (1995)63 – 8

- +Arendt-Nielsen,L. Sluka,K.A., Nie,H.L.  
Experimental muscle pain impairs descending inhibition  
*Pain* 140 (2008)465 - 71
- +Arendt-Nielsen,L. Svensson,P., Sessle,B.J., Cairns,B.E., Wang,K.  
Interactions between glutamate and capsaicin in inducing muscle pain and sensitisation in humans  
*Eur J Pain* 12 (2008b)661 - 70
- +Arguisuelas,M.D. Lison,J.F., Sanchez-Zuriaga,D., Martinez-Hurtado,I., Domenech-Fernandez,J.  
Effects of myofascial release in nonspecific chronic low back pain. A randomized clinical trial  
*Spine* 42 (2017)627 - 34
- Ariga,K. Miyamoto,S., Nakase,T. et al.  
The relationship between apoptosis of the endplate chondrocytes and aging and degeneration of the intervertebral disc  
*Spine* 26 (2001)2414 – 20 (zit. Wei et al., 2008)
- +Arikkath,J. Campbell,K.P.  
Auxillary subunits: essential components of the voltage-gated calcium channel complex  
*Curr Opin Neurobiol* 13 (2003)298 – 307
- +Arkinstall,W. Sandler,A., Goughnour,B., Babul,N., Harsanyi,Z., Darke,A.C.  
Efficacy of controlled-release codeine in chronic non-malignant pain: a randomized, placebo-controlled trial  
*Pain* 62 (1995)169 – 76
- Arkuszewski,Z. The efficacy of manual treatment in low back pain: a clinical trial  
*Man Med* 2 (1986)68 – 72
- Armstrong,D. Bodily sensations. London, Routledge and Kegan Paul, 1962 (zit. Eccleston, 2018)
- Armstrong,N.B. Back pain: diagnosis and treatment  
In: Stover,C.N., McCarroll,J.R., Mallon,W.J. eds: Feeling up to par: medicine from tee to green

- Philadelphia, PA, F.A.Davis Company, 1994, 109 - 25
- +Arnau,J.M.
- Vallano,A., Lopez,A., Pellise,F., Delgado,M.J., Prat,N.
- A critical review of guidelines for low back treatment
- Eur Spine J 15 (2006)543 – 53
- +Arnold,B.
- Multimodale Therapie: Wer ist geeignet?
- Schmerz 21 (2007)Suppl., 21
- +Arnold,B.
- Licht ins Dunkel. Zur Problematik der Identifikation und Guppierung von Schmerzpatienten (Editorial)
- Schmerz 24 (2010)7 - 8
- +Arnold,B.
- Brinkschmidt,T., Casser,H.R., Gralow,I., Irnich,D., Klimczyk,K., Müller,G., Nagel,B., Pfingsten,M., Schiltenwolf,M., Sittl.,R., Söllner,W.
- Multimodale Schmerztherapie: Konzepte und Indikationen
- Schmerz 23 (2009)112 - 20
- +Arnold,B.
- Brinkschmidt,T., Casser,H.R., Diezemann,A., Gralow,I., Irnich,D., Kaiser,U., Klasen,B., Klimczyk,K., Lutz,J., Nagel,B., Pfingsten,M., Sabatowski,R., Schesser,R., Schiltenwolf,M., Seeger,D., Söllner,W.
- Multimodale Schmerztherapie für die Behandlung chronischer Schmerzsyndrome. Ein Konsensuspapier der Ad-hoc-Kommission Multimodale interdisziplinäre Schmerztherapie der Deutschen Schmerzgesellschaft zu den Behandlungsinhalten
- Schmerz 28 (2014)459 - 72
- +Arnold,L.M.
- Hudson,J.I., Wang,F., Wohlreich,M.W., Prakash,A., Kajdasz,D.K., Chappnell, A.S.
- Comparisons of the efficacy and safety of duloxetine for the treatment of fibromyalgia in patients with versus without major depressive disorder
- Clin J Pain 25 (2009a)461 - 8
- Arnold,L.M.
- Keck,P.E., Welge,J.A.
- Antidepressant treatment of fibromyalgia: a meta-analysis and review
- Psychosomatics 41 (2004)104 – 13 (zit. Jones et al., 2007), 41 (2000)104 – 13 (zit. Arnold et al., 2009)

- +Arnold,P. Vuadens,P., Kuntzer,T., Gobelet,C., Deriaz,O.  
Mirtazepine decreases the pain feeling in healthy participants  
*Clin J Pain* 24 (2008)116 – 9
- +Arnold,P.M. Efficacy of injection therapy for symptomatic lumbar synovial cysts (commentary)  
*Spine J* 9 (2009b)919 - 20
- +Aronov,S. Ben-Abraham,R., Givati-Divshi,D., Katz,Y.  
Involvement of nitric oxide in clonidine-induced spinal analgesia  
*Drug Metab Drug Interact* 21 (2005)41 – 53
- +Arribas,M.J.D. Sanchez,M.R., Hervas,P.P., Chicharro,J.L., Carrere,T.A., Molina,P.O., Arbiza,P.A.  
Effectiveness of the physical therapy Godelive Denys-Struyf method for non-specific low back pain. Primary care randomizec control trial  
*Spine* 34 (2009)1529 – 38
- +Arsenault,A. Sawynok,J.  
Perisurgical amitriptyline produce a preventive effect on afferent hypersensitivity following spared nerve injury  
*Pain* 146 (2009)308 – 14
- +Artus,M. van der Windt,D.A., Jordan,K.P., Hay,E.M:  
Low back pain symptoms show a similsr pattern of improvement following a wide range of primary care treatments: a systematic review of randomized clinical trials  
*Rheumatology (Oxford)* 49 (2010)2346 – 56 (internetzugriff 23.7.17)
- +Aruin,A.S. Latash,M.L.  
Directional specificity of postural muscles in feed forward postural reactions during fast voluntary arm movements  
*Exp Brain Res* 103 (1995)323 – 32
- +Arun,R. Freeman,B.J.C., Scammell,B.E., McNally,D.S., Cox,E., Gowland,P.  
2009 ISSLS price winner: What influence does sustained mechanical load have on diffusion in the human

- intervertebral disc? An in vivo study using serial postcontrast magnetic resonance imaging  
Spine 34 (2009)2324 – 7
- +Arvidsson,U.  
Dado,R.J., Riedl,M., Lee,J.H., Loh,H.H., Elde,R., Wessendorf,W.  
Delta opioid receptor immunoreactivity distribution in brainstem and spinal cord, and relationship to biogenic amines and ankephalin  
J Neurosci 15 (1995)1215 – 35
- +Arvidsson,U.  
Riedl,M., Chakrabarti,S., Lee,J.H., Nakano,A.H., Dado,R.J., Loh,H.H., Law,P.Y., Wessendorf,M.W., Elde,R.  
Distribution nad targeting of mo-opioid receptor (MOR1) in brain and spinal cord  
J Neurosci 15 (1995a)5 Pt. 1: 3328 – 41
- +Arzneimittelkommission  
Arzneimittelkommission  
der deutschen Ärzteschaft: Anaphylaktische Schockreaktionen nach parenteraler Gabe von Diclofenac  
Dt Ärztebl 92 (1995)A71  
der deutschen Ärzteschaft: Handlungsleitlinie – Rückenschmerzen. Empfehlungen zur Therapie von Rückenschmerzen  
Z Ärzt Fortbild Qualitätssich 91 (1997)457 – 60 (zit. Bishop & Wing, 2006)
- +Arzneimittelkommission  
Arzneiverordnung in der Praxis, Sonderheft 6, 1997  
der deutschen Ärzteschaft: „UAW-News“ – International:  
Akute interstitielle Nephritis durch Celecoxib (in Deutschland Celebrex)  
Dt Ärztebl 100 (2003)A217
- +Arzneimittelkommission  
der deutschen Ärzteschaft: „UAW-News“ – International:  
Nephrotisches Syndrom und interstitielle Nephritis unter Celecoxib  
Dt Ärztebl 101 (2004)A2567
- +Arzneimittelkommission  
der deutschen Ärzteschaft: Arzneiverordnung in der Praxis – Therapieempfehlungen der Arzneimittelkommission der deutschen Ärzteschaft: Empfehlungen zur Therapie von Kreuzschmerzen

- Arzneiverordnung in der Praxis, 3. Auflage, 2007
- +Arzneimittelkommission der deutschen Ärzteschaft: „Aus der UAW – Datenbank“: Leberschäden unter Flupirtin  
Dt Ärztebl 104 (2007b)A3200
- +Arzneimittelkommission der deutschen Ärzteschaft: UAW-News International: Nichtsteroidale Antirheumatika (NSAR) im Vergleich: Risiko von Komplikationen im oberen Gastrointestinaltrakt, Herzinfarkt und Schlaganfall  
Dt Ärztebl 110 (2013)A 1447 - 8
- +Asch,H.L.  
Lewis,P.J., Moreland,D.B., Egnatchik,J.G., Yu,Y.J., Clabeaux,D.E., Hyland,A.H.  
Prospective multiple outcomes of outpatient lumbar microdiscectomy: should 75 – 80 % success rates be the norm?  
J Neurosurg 96 (2002)34 – 44
- +Asche,C.V.  
Kirkness,C.S., McAdam-Marx,C., Fritz,J.M.  
The social costs of low back pain: data published between 2001 and 2007  
J Pain Palliat Care Pharmacother 21 (2007)25 – 33
- +Asell,M.  
Sjölander,P., Kerschbaumer,H., Djupsjöbacka,M.  
Are lumbar repositioning errors larger among patients with chronic low back pain compared with asymptomatic subjects  
Arch Phys Med Rehabil 87 (2006)1170 – 6
- Asghari,A.  
Nicholas,M.K.  
Pain self-efficacy beliefs a pain behaviour. A prospective study  
Pain 94 (2001)85 – 100 (zit. Nicholas et al., 2006)
- +Ashburn,M.A.  
Witkin,L.  
Integrating outcome data collection into care of patient with pain (commentary)  
Pain 153 (2012)1549 - 50
- +Asher,A.M.  
Oleisky,E.R., Pennings,J.S., Khan,I., Sivagenasan,A., Devin,C.J., Bydon,M., Asher,A.L., Archer,K.R.

Measuring clinically relevant improvement after lumbar spine surgery: is it time for something new?

Spine J 20 (2020)847 - 65

+Ashraf,S.

Walsh,D.A.

Angiogenesis in osteoarthritis

Curr Opin Rheumatol 20 (2008)573 -80

+Ashton,I.K.

Roberts,S., Jaffray,D.C., Polak,J.M., Eisenstein,S.M.

Neuropeptides in the human intervertebral disc

J Orthop Res 12 (1994)186 – 92

+Ashworth,J.

Green,D.J., Dunn,K:M., Jordan,K.P.

Opioid use among low back pain patients in primary care: Is opioid prescription associated with disability at 6-month follow-up?

Pain 154 (2013)1038 - 44

+Asiedu,M.

Osipow,M.H., Kaila,K., Price,T.J.

Acetazolamide and midazolam act synergistically to inhibit neuropathic pain

Pain 148 (2010)302 - 8

+Aslaksen,P.M.

Lorentze Zwarg,M., Eilertsen,H.I.H., Gorecka,M.M., Bjorkedal,E.

Opposite effects of the same drug: reversal of topical analgesia by nocebo information

Pain 156 (2015)39 - 46

+Asmundson,G.J.

Kuperos,J.I., Norton,G.R.

Do patients with chronic pain selectively attend to pain-related information?: preliminary evidence for the mediating role of fear

Pain 72 (1997)27 – 32

+Asmundson,G.J.

Norton,G.R., Allerdings,M.D.

Fear and avoidance in dysfunctional chronic back pain patients

Pain 69 (1997)231 – 6

- +Asmundson,G.J.G. Norton,G.R., Allerdings,M.D., Norton,P.J., Larsen,D.K.  
Posttraumatic stress disorder and work-related injury  
*J Anxiety Disord* 12 (1998)57 – 69
- (+)Aspinall,S.L. Jacques,A., Leboeuf-Yde,C., Etherington,S.J., Walker,B.F.  
No difference in pressure pain threshold and temporal summation after lumbar spinal manipulation compared to sham: A randomized controlled trial in adults with low back pain  
*Musculoskel Sci Pract* 43 (2019a)18 – 25  
[doi.org/10.1016/j.msksp.2019.05.011](https://doi.org/10.1016/j.msksp.2019.05.011)
- +Aspinall,S.L. Jacques,A., Leboeuf-Yde,C., Etherington,S.J., Walker,B.F.  
Pressure pain threshold and temporal summation in adults with episodic and persistent low back pain trajectories: a secondary analysis at baseline and after lumbar manipulation or sham  
*Chiropr Man Ther* 28 (2020)36 [doi.org/10.1186/s12998-020-00326-5](https://doi.org/10.1186/s12998-020-00326-5)
- +Aspinall,S.L. Leboeuf-Yde,C., Etherington,S.J., Walker,B.F.  
Manipulation-induced hypoalgesia in musculoskeletal pain populations: a systematic critical review and meta-analysis  
*Chiropr Man Ther* 27 (2019)7 [doi.org/10.1186/s12998-018-0226-7](https://doi.org/10.1186/s12998-018-0226-7)
- (-)Aspinall,S.L. Leboeuf-Yde,C., Etherington,S.J., Walker,B.F.  
Changes in pressure pain threshold and temporal summation in rapid responders and non-rapid responders after lumbar spinal manipulation and sham: A secondary analysis in adults with low back pain  
*Musculoskel Sci Pract* 47 (2020)102137  
[doi.org/10.1016/j.msksp.2020.102137](https://doi.org/10.1016/j.msksp.2020.102137)
- +Assendelft,W.J.J. Morton,S., Yu,E., Suttorp,M.J., Shekelle,P.  
Spinal manipulative therapy for low back pain: a meta-analysis of effectiveness relative to other therapies  
*Ann Intern Med* 138 (2003)871 – 81
- Assendelft,W.J.. Morton,S.C., Yu,E.I: et al.  
Spinal manipulative therapy for low back pain

- Cochrane Database Syst Rev 2004 (1):CD 000447 (zit.  
Macfarlane et al., 2006)
- Assendelft,W.J. Morton,S.C., Yu.E.I. et al.  
Spinal manipulative therapy for back pain  
Eur Spine J 15 (2006)Suppl.2: S169 - 91
- Aston-Miller,J.A. Schultz,A.B.  
Spine instability and segmental hypermobility biomechanics:  
a call for the definition and standard use of terms  
Semin Spine Surg 3 (1991)136 – 48 (zit. Kayser, 2019)
- +Astfalck,R.G. O'Sullivan,P.B., Straker,L-M, Smith,A.J., Burnett,A.,  
Caneiro,J.P., Dankearts,W.  
Sitting postures and trunk muscle Activity in adolescents with  
and without nonspecific chronic low back pain. An analysis  
based on subclassification  
Spine 35 (2010)1387 - 95
- +Athenstaedt,H. Pyroelectric and piezoelectric properties of vertebrates  
Ann NY Acad Sci 238 (1974)68 – 110
- +Athiviraham,A. Yen,D.  
Is spinal stenosis better treated surgically or nonsurgically?  
Clin Orthop Relat Res 458 (2007)90 – 3
- +Atkins,D. Eccles,M., Flottorp,S., Guyatt,G.H., Henry,D., Hill,S., Liberati,A.,  
O'Connell,D., Oxman,A.D., Philipps,B., Schünemann,H., Tan-  
Torres,T., Vist,G.E., Williams,L.W.  
Systems for grading the quality of evidence and the strength  
of recommendation I : critical appraisal of existing  
approaches the GRADE Working Group  
BMC Health Serv Res 4 (2004)38: 1 - 8
- +Atkinson,J.H. Slater,M.A., Capparelli,E.V., Patel,S.M., Wolfson,T., Gamst,A.,  
Abramson,I.S., Wallace,M.S., Funk,S.D., Rutledge,T.R.,  
Wetherell,J.L., Matthews,S.C., Zisook,S., Garfin,S.R.  
A randomized controlled trial of gabapentin for chronic low  
back pain with and without a radiating component  
Pain 157 (2016)1499 - 1507
- +Atkinson,J.H. Slater,M.A., Patterson,T.L., Grant,I., Garfin,S.R.

- Prevalence, onset and risk of psychiatric disorders in men with chronic low back pain: a controlled study  
Pain 45 (1991)111 – 21
- +Atkinson,J.H. .  
Slater,M.A., Williams,R.A., Zisook,S., Patterson,T.L., Grant,I., Wahlgren,D.R., Abramson,I., Garfin,S.R.
- A placebo-controlled randomized clinical trial of nortriptyline for chronic low back pain  
Pain 76 (1998)287 – 96
- +Atkinson,P.J.  
Variation in trabecular structure of vertebrae with age  
Calcif Tissue Res 1 (1967)24 – 32
- +Atlas,S.J.  
Point of view  
Spine 34 (2009)1227
- +Atlas,S.J.  
Medical interventions have not solved the epidemic of chronic low back pain: will neurostimulation of the multifidus muscle be different? (Commentary)  
Pain 162 (2012)2464 – 5  
[doi.org/10.1097/j.pain.0000000000002259](https://doi.org/10.1097/j.pain.0000000000002259)
- +Atlas,S.J.  
Chang,Y., Kammann,E., Keller,R.B., Deyo,R.A., Singer,D.E.  
Long term disability and return to work among patients who have a herniated lumbar disc: the effect of disability compensation  
J Bone Joint Surg Am 82 (2000)4 – 15
- +Atlas,S.J.  
Chang,Y., Keller,R.B., Singer,D.E., Wu,Y.A., Deyo,R.A.  
The impact of disability compensation on long-term treatment outcomes of patients with sciatica due to a lumbar disc herniation  
Spine 31 (2006) 3061 -9
- +Atlas,S.J.  
Deyo,R.A.  
Evaluating and managing acute low back pain in the primary care setting  
J Gen Intern Med 16 (2001)120 – 31
- Atlas,S.J.  
Deyo,R.A., Keller,R.B. et al.  
The Maine Lumbar Pain Study, II: 1 year outcomes of surgical and non-surgical management of sciatica

- Spine 21 (1996)1777 – 86  
-Atlas,S.J.  
Keller,R.B., Chang,Y.C. et al.  
Surgical and nonsurgical management of sciatica secondary to a lumbar disc herniation: five year outcome from the Main Lumbar Spine Study
- Spine 26 (2001)1179 – 87  
+Atlas,S.J.  
Keller,R.B., Wu,Y.A., Deyo,R.A., Singer,D.E.  
Long term outcome of surgical and nonsurgical management of sciatica secondary to a lumbar disc herniation: 10 year results from the Maine lumbar spine study
- Spine 30 (2005)927 – 35  
Aubert,A.B.  
Extracts from the curriculum and the textbook of Mensendieck exercises. Oslo, Norway: Faculty of Health Sciences, Mensendieck Physiotherapy,1997 (zit Soukup et al., 1999)
- Audette,J.F.  
Bilateral activation of motor unit potentials with unilateral needle stimulation of active myofascial trigger points  
Am J Phys Med Rehabil 83 (2004)368 – 74 (zit. Buchmann et al., 2007)
- +Auger,K.  
Shedlock,G., Coutinho,K., Myers,N.E., Lorenzo,S.  
Effects of osteopathic manipulative treatment and bio-electromagnetic energy regulation therapy on lower back pain  
J Osteopath Med 121 (2021)561 – 9 doi.org/10.1515/jom-2020-0123
- +Augustine,J.R.  
The insular lobe in primates including humans  
Neurol Res 7 (1985)2 – 10
- +Augustine,J.R.  
Circuitry and functional aspects of the insular lobe in primates including humans  
Brain Res Rev 22 (1996)229 – 44 (bd. zit. Moayedi, 2014)
- Aulman,P.  
Bakker-Rens,R.M., Dielemans,S.F. et al.  
Handelen van de bedrijfsarts bij werknemers met lage rugklachten (Dutch Occupational Guideline on Low back Pain). Eindhoven: Nederlandse Vereniging voor Arbeids- en Bedrijfsgeneeskunde, 1999 (zit Anema et al., 2007)

- +Aumiller,J. Evidenzen schwinden mit den Jahren: Welche Medikamente sind alterstauglich?  
MMW Fortschr Med 151 (2009)8: 12 - 6
- +Aure,O.F Nilsen,J.H., Vasseljen,O.  
Manual therapy and exercise therapy in patients with chronic low back pain  
Spine 28 (2003)523 – 32
- +Autio,R.A. Karppinen,J., Niinimäki,J., Ojala,R., Veeger,N., Korhonen,T., Hurri,H., Tervonen,O.  
The effect of infliximab, a monoclonal antibody against TNF-alpha, on disc herniation resorption. A randomized controlled study  
Spine 31 (2006)2641 – 5
- +Auvinen,J.P. Paananen,M.V.J., Tammelin,T.H., Taimela,S.P., Mutanen,P.O.A., Zitting,P.J., Karppinen,J.I.  
Musculoskeletal pain combination in adolescents  
Spine 34 (2009)1192 – 7
- +Auvinen,J. Tammelin,T., Taimela,S., Zitting,P., Karppinen,J.  
Associations of physical activity and inactivity with low back pain in adolescents  
Scand J Med Sci Sports 18 (2008)188 – 94
- +Avela,J. Finni,T., Liikavainio,T., Niemelä,E., Komi,P.V.  
Neural and mechanical responses of the triceps surae muscle group after 1 h of repeated fast passive stretches  
J Appl Physiol 96 (2004)2325 – 32
- +Avizienyte,E. Wyke,A.W., Jones,R.J., McLean,G.W., Westhoff,M.A., Brunton,V.G., Frame,M.C.  
Src-induced de-regulation of E-cadherin in colon cancer cells requires integrin signaling  
Nat Cell Biol 4(2002)632 – 8
- +Averill,S. McMahon,S.B., Clary,D.O., Reichardt,L.F., Priestley,J.V.  
Immunocytochemical localization of trkA receptors in chemically identified subgroups of adult rat sensory neurons

- Eur J Neurosci 7 (1995)1484 – 94
- (+)Avman,M.A. Osmotherly,P.G., Snodgrass,S., Rivett,D.A.
- Is there an association between hip range of motion and nonspecific low back pain? A systematic review
- Musculoskel Sci Pract 42 (2019)38 – 51  
doi.org/10.1016/j.msksp.2019.03.002
- +Avorn,J. Drug warnings that can cause fits – communicating risks in a data-poor environment
- N Engl J Med 359 (2008)991 – 4
- +Awad,H. Hubert,G.W., Smith,Y., Levey,A.I., Conn,P.J.
- Activation of metabotropic glutamate receptor 5 has directly excitatory effects and potentiates NMDA receptor currents in neurons of the subthalamic nucleus
- J Neurosci 20 (2000)7871 – 9
- +AWMF Arbeitsgemeinschaft wissenschaftlicher medizinischer Fachgesellschaften: Leitlinien der deutschen gesellschaft für Physikalische Medizin und Rehabilitation. Leitlinie Chronisch unspezifischer Rückenschmerz
- Praxis-Depesche (1999)13: 12 awmf@uni-duesseldorf.de
- +Axen,I. Bergström,G., Bodin,L.
- Using few and scattered time points for analysis of a variable course of pain can be misleading: an example using weekly text message data
- Spine J 14 (2014)1454 - 9
- +Ayberk,G. Ozveren,F., Gök,B., Tosun,H., Seckin,Z., Altundal,N.
- Lumbar synovial cyst: experience with nine cases
- Neurol Med Chir (Tokyo) 48 (2008)298 – 303
- +Aydin,M.V. Sen,O., Kayaselcuk,F., Bolat,F., Tufan,K., Caner,H., Altinors,N.
- Analysis and prevalence of inflammatory cells in subtypes of lumbar disc herniations under cyclooxygenase-2 inhibitor therapy
- Neurol Res 27 (2005)609 – 12
- +Ayesch,E.E. Jensen,T.S., Svensson,P.

Effects of intra-articular ketamine on pain and somatosensory function in temporomandibular joint arthralgia patients

Pain 137 (2008)286 - 94

+Ayoub,L.J.

Barnett,A., Leboucher,A., Golosky,M., McAndrews,M.P., Seminowicz,D.A., Moayedi,M.

The medial temporal lobe in nociception: a meta-analytic and functional connectivity study

Pain 160 (2019)1245 - 60

+Azad,S.C.

Zieglgänsberger,W.

Was wissen wir über die Chronifizierung von Schmerz?

Schmerz 17 (2003)441 - 4

+Azad,S.C.

Monory,K., Marsicano,G., Cravatt,B.F., Lutz,B., Zieglgänsberger,W., Rammes,G.

Circuitry for associative plasticity in the amygdala involves endocannabinoid signalling

J Neurosci 24 (2004)9953 – 61

+Azad,T.D.

Vail,D., Bentley,J., Han,S.S., Suarez,P., Varshneya,K., Mittal,V., Veeravagu,A. und weitere 3 Autoren

Initial provider speciality is associated with long-term opiate use in patients with newly diagnosed low back and lower extremity pain

Spine 44 (2019)211 - 8

+Azadinia,F.

Takamjani,E.E., Kamyab,M., Parnianpour,M., Cholewicki,J., Maroufi,N.

Can lumbosacral otheses cause trunk muscle weakness? A systemic review of literature

Spine J 17 (2017)589 - 602

(+)Azadinia,F.

Ebrahimi-Takamjani,I., Kamyab,M., Asgari,M., Parnianpour,M.

Effects of lumbosacral orthosis on dynamical structure of center of pressure fluctuations in patients with non-specific low back pain: a randomized controlled trial

J Bodywork Movem Ther (2019) in press;  
[doi.org/10.1016/j.jbmt.2019.01.014](https://doi.org/10.1016/j.jbmt.2019.01.014)

+Azami,J.

Llewelyn,M.B., Roberts,M.H.

The contribution of nucleus reticularis paragigantocellularis and nucleus raphe magnus to the analgesia produced by systemically administered morphine, investigated with the microinjection technique

Pain 12 (1982)229 – 46

+Babej-Dölle,R.

Freytag,S., Eckmeyer,J., Zerle,G., Schinzel.,S., Schmieder,G., Stankov,G.

Parenteral dipyrone versus diclofenac and placebo in patients with acute lumbago or sciatic pain: randomized observer-blind multicenter study

Int J Clin Pharmacol Ther 32 (1994)204 – 9

+Babalonis,S.

Walsh,S.L.

Warnings unheeded: the risks of co-prescribing opioids and benzodiazepines

Pain Clin Updates XXIII (2015)6

+Babu,S.N.

Krishnan,S., Swamy,C.V.B., Subbaiah,G.P.V., Reddy,A.V.G., Idris,m.M.

Quantitative proteomic analysis of normal and degenerated human intervertebral disc

Spine J 16 (2016)989 - 1000

+Bach,M.

Simhandl,C.

Chronischer Schmerz – eine psychosomatische Sichtweise

Manuelle Med 58 (2020)27 - 33

Back,S.K. et al.

Loss of spinal mu-opioid receptor is associated with mechanical allodynia in a rat – model of peripheral neuropathy

Pain 123 (2006)117 – 26

Bäcker,M.

Hammes,M

Akupunktur in der Schmerztherapie

München, Urban & Fischer bei Elsevier, 2005 (zit. Tiptl et al., 2010)

+Backhausen,M.G.

Tabor,A., Albert,H., Rosthoj,S., Damm,P., Hegaard,H.K.

The effects of an unsupervised water exercise program on low back pain and sick leave among healthy pregnant women – a randomized controlled trial

+Badley,E.M.

Rasooly,I., Webster,G.K.

Relative importance of musculoskeletal disorders as a cause of chronic health problems, disability and health care utilization: findings from the 1990 Ontario Health Survey

J Rheumatol 21 (1994)505 - 14

+Bae,H.W.

Amirdelfan,K., Coric,D., McJunkin,T.L., Pettine,K.A., Hong,H.J., de Palma,M.J., Kim,K.D., Beckworth,W.J., Oehme,D., Goldschlager,T., Brown,R.D.

A phase II study demonstrating efficacy and safety of mesenchymal precursor cells in low back pain due to disc degeneration

Proceedings of the 29<sup>th</sup> annual meeting of the North American Spine Society

Spine J 14 (2014)11S: 31S – 32S

+Bae,H.W.

Kanim,A., Kim,J., Provenzano,N.J., Thordarson,S.R.

Is there clinical improvement associated with saline injection for discogenic low back pain: comparison of RCT's

Proceedings of the 29<sup>th</sup> annual meeting of the North American Spine Society

Spine J 14 (2014a)11S: 32S

+Baek,S.O.

Cho,H.K., Jung,G.S., Son,S.M., Cho,Y.W., Ahn,S.H.

Verification of an optimal stimulation point on the abdominal wall for transcutaneous neuromuscular electrical stimulation for activation of deep lumbar stabilizing muscles

Spine 14 (2014)2178 - 83

+Baethge,C.

S3 – Leitlinien im Deutschen Ärzteblatt

Dt Ärztebl 105 (2008)423

+Baeumler,P.I.

Fleckenstein,J., Benedikt,F., Bader,J., Irnich,D.

Acupuncture-induced changes of pressure pain threshold are mediated by segmental inhibition – a randomized controlled trial

Pain 156 (2015)2245 - 2255

+Bagheri,M.H.

Honarpisheh,A.P., Yavarian,M., Alavi,Z., Siegelman,J., Valtchinov,V.I.

MRI phenotyping of COL9A2/Trp2 and COL9A3/Trp3 alleles in lumbar disc disease. A case control study in south-western Iranian population reveals a significant Trp3-disease association in males

Spine 41 (2016)1661 - 7

+BAH

Bundesverband der Arzneimittelhersteller e.V.: PRAC-Meeting vom März 2013

BAH-aktuell 38/2013 vom 11.3.2013

Bahouq,H.

Allali,F., Rkain,H., Hmamouchi,I.

Prevalence and severity of insomnia in chronic low back pain patients

Rheumatol Int 33 (2013)1277 – 81 (zit. Burgess et al., 2019)

Bahr,R.

Andersen,S.O., Loken,S., Füssan,B., Hansen,T., Holme,I.

Low back pain among endurance athletes with and without specific back loading – a cross sectional survey of cross country skiers, rowers, orienteers, and nonathletic controls

Spine 29 (2004)449 – 54 (zit Schroeder et al., 2015)

+Bai,C.

Wei,D., Zou,S., Ren,K., Dubner,R.

Inhibition of class II histone deacetylases in the spinal cord attenuates inflammatory hyperalgesia

Mol Pain 6 (2010)51

+Bailes,A.H.

Navlani,R., Koscumb,S., Malecky,A., Marroquin,O.C., Wasan,A.D., Gutstein,H.B., Delitto,A., und weitere 3 Autoren

Use of healthcare resources in patients with low back pain and comorbid depression or anxiety

Spine J 21 (2021)1440 – 9  
[doi.org/10.1016/j.jspinee.2021.03.031](https://doi.org/10.1016/j.jspinee.2021.03.031)

+Bailey,C.P.

Connor,M.

Opioids: cellular mechanisms of tolerance and physical dependence

Curr Opin Pharmacol 5 (2005)60 – 8

+Bailey,C.S.

Sjovold,S.G., Dvorak,M.F., Fisher,C.G., Oxland,T.R.

The strength profile of the thorakolumbar endplate reflects the sagittal contours of the spine

Spine 26 (2011)124 - 8

+Bailey,J.F.

Fields,A.J., Ballatori,A., Cohen,D., Jain,D., Coughlin,D., O'Neill,C., McCormick,Z. und weitere 4 Autoren

The relationship between endplate pathology and patient-reported symptoms for chronic low back pain depends on lumbar paraspinal muscle quality

Spine 44 (2019)1010 - 7

+Bailey,J.F.

Miller,S.L., Khieu,K., O'Neill,C.W., Healey,R.M., Couglin,D.O., Sayson,J.V., Chang,D.G., Hargens,A.R., Lotz,J.C.

From the international space station to the clinic: how prolonged unloading may disrupt lumbar stability

Proceedings of the 32nd annual meeting of the North American Spine Society, Orlando, Florida, October 25 – 28, 2017

Spine J 17 (2017) 10 Suppl.: S 92

+Bailey,J.F.

Miller,S.L., Khieu,K., O'Neill,C.W., Healey,R.M., Couglin,D.O., Sayson,J.V., Chang,D.G., Hargens,A.R., Lotz,J.C.

From the international space station to the clinic: how prolonged unloading may disrupt lumbar stability

Spine J 18 (2018)7 - 14

(+)Baillio,L.

Bacon,C.J., Hewitt,C.M., Moran,R.W.

Predictors of functional improvement in people with chronic low back pain following a graded Pilates-based exercise programme

J Bodywork Movem Ther (2018) in press;  
[doi.org/10.1016/j.jbmt.2018.06.007](https://doi.org/10.1016/j.jbmt.2018.06.007)

+Bailly,F.

Maigne,J.Y., Genevay,S., Marty,M., Gandjbakhch,F., Rozenberg,S., Foltz,V.,

Inflammatory pain pattern and pain with lumbar extension associated with Modic I changes on MRI: a prospective case-control study of 120 patients

Eur Spine J 23 (2014)493 – 7

+Bair,M.J.

Poleshuck,E.L., Wu,J., Krebs,E.K., Damush,T.M., Tu,W., Kroenke,K.

Anxiety but not social stressors predict 12-month depression and pain severity

- Clin J Pain 29 (2013)95 - 101  
+Bair,M.J. Robinson,R.L., Katon,W., Kroenke,K.  
Depression and pain comorbidity: a literature review  
Arch Int Med 163 (2003)2433 – 45
- +Bajaj,P. Graven-Nielsen,T., Arendt-Nielsen,L.  
Osteoarthritis and its association with muscle hyperalgesia:  
an experimental controlled study  
Pain 93 (2001)107 – 14
- +BÄK Bundesärztekammer (Haas,N.P., Hoppe,J.D., Scriba,P.C.,  
Hrsg.): Wissenschaftliche Bewertung osteopathischer  
Verfahren  
Dt Ärztebl 106 (2009)A2325 – 34
- +BÄK Bundesärztekammer, Kassenärztliche Bundesvereinigung,  
Arbeitgemeinschaft der Wissenschaftlichen Medizinischen  
Fachgesellschaften  
Nationale VersorgungsLeitlinie Kreuzschmerz; Version 1.0, 30.  
November 2010, Version 4.0. 2013, Version 5.0. 2015  
<http://www.kreuzschmerz.versorgungsleitlinien.de>
- +Baker,R.M. Commentary on classification of patients with incident non-specific low back pain: implications for research  
Spine J 16 (2016)577 - 8
- +Baker,S.C. Frith,C.D., Dolan,R.I.  
The interaction between mood and cognitive function studied  
with PET  
Psychol Med 27 (1997)565 – 78
- +Baker,S.P. O'Neill,B., Haddon,W., Ling,W.B.  
The injury severity score: a method for describing patients  
with multiple injuries and evaluating emergency care  
J Trauma 14 (1974)187 – 96
- +Bakker,E.W.P. Verhagen,A., van Trippel,E., Lucas,C., Koes,B.W.  
Spinal mechanical load as a risk factor for low back pain: A  
systematic review of prospective cohort studies  
Spine 24 (2009)E 281 – 93 (Abstr.)

- +Bala,M.M. Riemsma,R.P., Nixon,J., Kleijnen,J.  
Systematic review of the (cost-)effectiveness os spinal cord stimulation for people with failed back surgery syndrome  
*Clin J Pain* 24 (2008)741 - 56
- +Balague,F. 2010 ISSLS presidential address. Juvenile low back pain : some reflections  
*Spine* 36 (2011)837 - 41
- +Balague,F. Dudler,J., Nordin,M.  
Low back pain in children  
*Lancet* 361 (2003)1403 - 4
- +Balague,F. Dutoit,G., Waldburger,M.  
Low back pain in schoolchildren. An epidemiological study  
*Scand J Rehabil Med* 20 (1988)175 – 9
- Balague,F. Mannion,A.F., Pelisse,F., Cedraschi,C.  
Clinical update: low back pain  
*Lancet* 369 (2007)726 - 8
- Balague,F. Mannion,A.F., Pelisse,F., Cedraschi,C.  
Non-specific low back pain  
*Lancet* 379 (2012)482 – 91 (zit. Bushnell et al., 2018)
- +Balague,F. Piguet,V., Dudier,J.  
Steroids for low back pain – from rationale to inconvenient truth  
*Swiss Med Wkly* 142 (2012)w13566
- +Balague,F. Troussier,B., Salminen,J.J.  
Non-specific low back pain in children and adolescence : risk factors  
*Eur Spine J* 8 (1999)429 – 38
- +Balague,F. Skovron,M.L., Nordin,M., Dutoit,G., Waldburger,M.  
Low back pain in schoolchildren: a study of familial and psychological factors

- Spine 20 (1995)1265 – 70  
+Balasubramanyan,S.  
Sternkowski,P.L., Stebbing,M.J., Smith,P.A.  
Sciatic chronic constriction injury produces cell-type specific changes in the electrophysiological properties of rat substantia gelatinosa neurons
- J Neurophysiol 96 (2006)579 – 90  
+Balg,A.A.M.  
Ahmed,S.Y., Ali,S.S., Rehmani,A., Siddiqui,F.  
Role of posterior – anterior vertebral mobilization versus thermotherapy in non specific lower back pain
- Pakistan J Med Sci 34 (2018)2  
doi.org://10.12.669/pjms342.12402
- +Bali,K.  
Kumar,V., Krishnan,V., Meena,D., Rawall,S.  
Multiple lumbar transverse process stress fractures as a cause of chronic low back ache in a young fast bowler – a case report
- Sports Med Arthroscop Rehab Ther Technol 3 (2011)8: 1 - 4
- +Baliki,M.N.  
Chialvo,D.R., Geha,P.Y., Levy,R.M., Harden,R.M., Parrish,T.B., Apkarian,A.V.  
Chronic pain and the emotional brain: specific brain activity associated with spontaneous fluctuations of intensity of chronic back pain
- J Neurosci 26 (2006)12165 – 73  
+Baliki,M.N.  
Geha,P.Y., Apkarian,A.V.  
Parsing pain perception between nociceptive representation and magnitude estimation
- J Neurophysiol 101 (2009)875 – 87  
+Baliki,M.N.  
Geha,P.Y., Apkarian,A.V., Chialvo,D.R.  
Beyond feeling: chronic pain hurts the brain, disrupting the default-mode network dynamics
- J Neurosci 28 (2008)1398 – 403  
+Baliki,M.N.  
Geha,P.V., Fields,H.L., Apkarian,A.V.  
Predicting value of pain and analgesie: nucleus accumbens response to noxious stimuli changes in the presence of chronic pain

- Neuron 66 (2010)149 – 60
- +Baliki,M.N.  
Petre,B., Torbey,S., Herrmann,K.M., Huang,I., Schnitzer,T.J., Fields,H.L., Apkarian,A.V.  
Corticostriatal connectivity predicts transition to chronic back pain.
- Nat Neurosci 15 (2012)1117 – 9
- + Ballantyne,J.C.  
Patient centred health care: are opioids a special case?  
(comment)
- Spine J 9 (2009)770 – 2
- +Ballantyne,J.C.  
U.S. opioid risk management initiatives  
Pain Clin Updates XVII (2009)6
- +Ballantyne,J.C.  
Opioids around the clock? Commentary  
Pain 152 (2011)1221 – 2
- +Ballantyne,J.C.  
Chronic opioid therapy and its utility in different populations.  
Commentary  
Pain 153 (2012)2303 - 4
- +Ballantyne,J.C.  
What can the POINT study tell us?  
Pain 156 (2015)201-2
- +Ballantyne,J.C.  
Breakthrough pain: just pain? Commentary  
Pain 157 (2016)2612 - 2
- Ballantyne,J.C.  
Avoiding opioid analgesics for treatment of low back pain  
JAMA 315 (2016a)2459- 60 (zit. Häuser et al., 2020)
- +Ballantyne,J.C.  
The brain on opioids  
Pain 159 (2018)S1: S24 - 30
- +Ballantyne,J.C.  
Chavkin,C.  
Will biased ligands be the opioids of the future?  
Pain 161 (2020)1945 - 8
- +Ballantyne,J.C.  
Fleisher,L.A.  
Ethical issues in opioid prescribing for chronic pain  
Pain 148 (2010)365 - 7

- +Ballantyne,J.C. LaForge,K.S.  
Opioid dependence and addiction during opioid treatment of chronic pain  
Pain 129 (2007)235 – 55
- +Ballantyne,J.C. Shin,N.S.  
Efficacy of opioids for chronic pain – a review of the evidence  
Clin J Pain 24 (2008)469 - 78
- +Ballantyne,J.C. Stannard,C.  
New addiction criteria: Diagnostic challenges persists in treating pain with opioids  
Pain Clinical Updates XXI (2013)5
- +Ballantyne,J.C. Sullivan,M.D.  
Discovery of endogenous opioid systems: what is has meant for the clinician's understanding of pain and its treatment  
Pain 158 (2017)2290 - 300
- Ballantyne,J.C. Sullivan,M.D., Kolodny,A.  
Opioid dependence vs addiction: a distinction without a difference?  
Arch Intern Med 172 (2012)1342 – 3 (zit Ballantyne & Sullivan, 2017)
- +Ballantyne,J.C. Sullivan,M.D., Koob,G.F.  
Refractory dependence on opioid analgetics  
Pain 160 (2019)2655 - 60
- +Ballegaard,V. Thede-Schmidt-Hansen,P., Svensson,P., Jensen,R.  
Are headache and temporomandibular disorders related?A blinded study  
Cephalgia 28 (2008)832 – 41
- Bally,M. Dendukuri,N., Rich,B., Nadeau,L., Helin-Salmivaara,A., Garbe,E., Brophy,J.M.  
Risc of acute myocardial infarction with NSAIDs in real world use: Bayesian meta-analysis of individual patient data  
BMJ 357 (2017)j1909 (Internetzugriff 3.11.2017)

- +Balogh,Z. Ördögh,J., Gasz,A., Nemet,L., Bender,T.  
Effectiveness of balneotherapy in chronic low back pain – a randomized, singleblinded controlled follow-up study  
Forschende Komplementärmed 12 (2005)196 – 202
- +Balthazard,P. de Guemoens,P., Rivier,G., Demeulenaere,P., Bellabeni,P., Deriaz,O.  
Manual therapy followed by specific active exercises versus a placebo followed by specific active exercises on the improvement of functional disability in patients with chronic nonspecific low back pain: a randomized controlled trial  
BMC Musculoskelet Disord 13 (2012)162
- BAM s. Bundesinstitut für Arzneimittel und Medizinprodukte
- +Banala,R.R. Vemuri,S.K., Palanisamy,V., Penkulitini,M., Reddy,A.V.G., Nalam,M.R., Subbaiah,G.P.V.  
Effeciency of dual siRNA-mediated gene therapy for intervertebral disc degeneration  
Spine J 19 (2019)896 - 904
- +Bandelow,B. Lichte,T., Rudolf,S., Wiltink,J., Beutel,M.  
Klinische Leitlinie: Diagnostik und Therapieempfehlungen bei Angststörungen  
Dt Ärztebl 111 (2014)473 - 80
- +Bandemer-Greulich,U. Bosse,B., Fikentscher,E., Konzag,T.A., Bahrke,U.  
Efficacy of psychological interventions on pain coping strategies in orthopedic rehabilitation of chronic low back pain  
Psychother Psychosom Med Psychol 58 (2008)32 -7
- +Bandler,R. Shipley,M.T.  
Columnar organisation in the midbrain periaqueductal grey: modules for emotional expression?  
Trends Neurosci 17 (1994)379 – 89
- +Bandura,A. Self-efficacy: toward a unifying theory of behavioural change  
Psychol Rev 84 (1977)191 – 215
- +Bandschapp,O. Filitz,J., Urwyler,A., Koppert,W., Ruppen,W.

Tropistron blocks analgesic action of acetaminophen: A human pain model study

Pain 152 (2011)1304 - 10

+Bang,W.S.

Lee,D.H., Kim,K.T., Cho,D.C., Sung,J.K., Han,I.B., Kim,D.H., Kwon,B.K. und weitere 5 Autoren

Relationships between vitamin D and paraspinal muscle: human data and experimental rat model analysis

Spine J 18 (2018)1053 - 61

+Banks,S.M.

Kerns,R.D.

Explaining high rates of depression in chronic pain: a diathesis-stress framework

Psychol Bull 119 (1996)95 – 110

+Banks,W.A.

Watkins,L.R.

Mediation of chronic pain: Not by neurons alone (editorial)

Pain 124 (2006)1 – 2

+Bannister,K.

Kucharczyk,M.W., Graven-Nielsen,T., Porreca,F.

Introducing descending control of nociception: a measure of diffuse noxious inhibitory controls in conscious animals

Pain 162 (2021)1957 – 9

[doi.org/10.1097/j.pain.0000000000002203](https://doi.org/10.1097/j.pain.0000000000002203)

+Bannister,K.

Patel,R., Goncalves,L., Townson,L., Dickenson,A.H.

Diffuse noxious inhibitory controls and nerve injury:restoring an imbalance between descending monoamine inhibitions and facilitations

Pain 156 (2015)1803 – 11

+Bannister,K.

Qu,C., Navratilova,E., Oyarzo,J., Xie,J.Y., King,T., Dickenson,A.H., Porreca,F.,

Multiple sites and actions of gabapentin-induced relief of ongoing experimental neuropathic pain

Pain 158 (2018)2386 -95

+Bantick,S.J.

Wise,R.G., Ploghaus,A., Clare,S., Smith,S.M., Tracey,I.

Imaging how attention modulates pain in humans using functional MRI

- Brain 125 (2002)310 – 9
- Bara,J.J. Herrmann,M., Menzel,U., Benneker,L., Alini,M., Stoddart,M.J.
- Three-dimensional culture and characterization of mononuclear cells from human bone marrow
- Cytotherapy 17 (2015)458 - 72
- +Baranto,A. Hellström,M., Swärd,L.
- Acute injury of an intervertebral disc in an elite tennis player: a case report
- Spine 35 (2010)E223 - 7
- +Barata,R. A double-blind study of cyclobenzaprine and placebo in the treatment of acute musculoskeletal conditions in low back pain
- Curr Ther Res 32 (1982)646 – 52
- +Barbaix,E. Girardin,M.D., Hoppner,J.P., van Roy,P., Clarijs,J.P.
- Anterior sacrodural attachments: Trolard's ligaments revisited
- Man Ther 2 (1996)88 – 91
- +Barber,M.J. Starmer,F., Grant,A.O.
- Blockade of cardiac sodium channels by amitriptyline and diphenylhydantoin: evidence for two use-dependent binding sites
- Circ Res 69 (1991)677 – 96
- +Barbir,A. Godburn,K.E., Michalek,A.J., Lai,A., Monsey,R.D., Iatridis,J.C.
- Effects of torsion on intervertebral disc gene expression and biomechanics, using a rat tai model
- Spine 36 (2011)607 - 14
- Barbor,R. Sklerosierende Behandlung von Ilio-Sakral-Schmerzen
- FAC – Information 1 (1966) 14 – 5 (zit. van Deursen & Patijn, 1993)
- +Barclay,J. Clark,A.K., Ganju,P., Gentry,C., Patel,S., Wotherspoon,G., Buxton,F., Song,C., Ullah,J., Winter,J., Fox,A., Bevan,S., Malcangio,M.
- Role of cysteine protease cathepsin S in neuropathic hyperalgesia

- Pain 130 (2007)225 - 34  
+Barclay-Goddard,R. Epstein,J.D., Mayo,N.E.  
Response shift: a brief overview and proposed research priorities  
Qual Life Res 18 (2009)335 – 46
- Bardeen,C.R. The musculature, Sect. 5  
In: Morris's Human Anatomy, ed. By C.M. Jackson, 6. Auflage, Blakiston's Son & Co., Philadelphia, 1921 (zit. Travell & Simons, Bd. 2, S.91, 1992)
- +Bardin,L. Colpaert,F.C.  
Role of spinal 5-HT (1A) receptors in morphine analgesia and tolerance in rats  
Eur J Pain 8 (2004)253 – 61
- +Barendse,G.A. van den Berg,S.G.M., Kessels,A.H.F., Weber,W.E.J., van Kleef,M.  
Randomized controlled trial of percutaneous intradiscal radiofrequency thermocoagulation for chronic discogenic back pain: lack of effect from a 90-second 70°C lesion  
Spine 26 (2001)287 – 92
- +Barke,A. Baudewig,J., Schmidt-Samoa,C., Dechent,P., Kröner-Herwig,B.  
Neural correlates of fear of movement in high- and low fear-avoidant chronic low back pain patients: An event-related fMRI study  
Pain 153 (2012)540 - 52
- +Barker,K.L. Shamley,DR., Jackson,D.  
Changes in the cross-sectional area of multifidus and psoas in patients with unilateral back pain: the relationship to pain and disability  
Spine 29 (2004)E515 – 9
- +Barker,P.J. Briggs,C.A.  
Attachments of the posterior layer of lumbar fascia  
Spine 24 (1999)1757 – 64
- +Barker,P.J. Guggenheimer K.T., Grkovics,I., Briggs,C.A., Jones,D.C., Thomas,C.D.L., Hodges,P.W.

- Effects of tensioning the lumbar fasciae on segmental stiffness during flexion and extension. Young Invetsigator Award Winner  
 Spine 31 (2006)397 – 404
- Barmer-Krankenhausreport  
<https://www.barmer.de/blob/38950/7b198596671ee636b421f8931b051e20/data/pdf-gesundheitsreport-berlin-2015.pdf>  
 (so zit Westphal et al., 2019)
- Barnekow-Bergkvist,M. et al.  
 Determinants of self-reported neck-shoulder and low back symptoms in a general population  
 Spine 23 (1998)235 – 43 (zit. Mortimer et al., 2006)
- +Barnes,K.  
 McNair,N.A., Harris,J.A., Sharpe,L., Colaguiri,B.  
 In anticipation of pain : expectancy modulates corticospinal excitability, autonomic response, and pain perception  
 Pain 162 (2021)2287 – 96  
 doi.org/10.1097/j.pain.0000000000002222
- Barnett,A.G. et al.  
 Effect of UK national guidelines on services to treat patients with acute low back pain: follow-up questionnaire survey  
 Br Med J 318 (1999)919 - 20 (zit. Pincus et al., 2006)
- +Baron,M.J.  
 McDonald,P.W.  
 Significant pain reduction in chronic pain patients after detoxification from high-dose opioids  
 J Opioid Manag 2 (2006)277 - 82
- +Baron,R.  
 Peripheral neuropathic pain: from mechanisms to symptoms  
 Clin J Pain 16 (2000)Suppl 12 – 20
- +Baron,R.  
 Mechanisms of postherpetic neuralgia – we are hot on the scent  
 Pain 140 (2008)395 - 6
- +Baron,R.  
 Binder,A., Attal.,N., Casale,R., Dickenson,A.H., Treede,R.D.  
 Neuropathic low back pain in clinical practice  
 Eur J Pain 20 (2016)861 – 73 (Internetzugriff 18.12.2016)
- +Baron,R.  
 Freyhagen,R., Tölle,T.R., Cloutier,C., Leon,T., Murphy,T.K., Phillips,K.,

The efficacy and safety of pregabalin in the treatment of neuropathic pain associated with chronic lumbosacral radiculopathy

Pain 150 (2010)420 – 7

+Baron,R.

Jansen,J.P., Binder,A., Pombo-Suarez,M., Kennes,L., Müller,M., Falke,D., Steigerwald,I.

Tolerability, safety, and quality of life with tapentadol prolonged release (PR) compared with oxycodone/naloxone PR in patients with severe chronic low back pain with a neuropathic component: a randomized, controlled, open-label, phase 3b/4 trial

Pain Pract 16 (2016a)600 - 19

+Baron,R.

Kern,U., Müller,M., Dubois,C., Falke,D., Steigerwald,I.

Effectiveness and tolerability of a moderate dose of tapentadol prolonged release for managing severe, chronic low back pain with a neuropathic component: an open label continuation arm of a randomized phase 3b study

Pain Pract 15 (2015a)471 - 86

+Baron,R.

Likar,R., Martin-Mola,E., Blanco,J.F., Kennes,L., Müller,M., Falke,D., Steigerwald,I.

Effectiveness of tapentadol prolonged release (PR) compared with oxycodone/naloxone PR for the management of severe chronic low back pain with a neuropathic component: a randomized, controlled, open-label, phase 3b/4 study

Pain Pract 16 (2016)580 - 99

+Baron,R.

Maier,C., Attal,N., Binder,A., Bouhassira,D., Cruccu,G., Finnerup,N.B., Haanpää,M. und weitere 16 Autoren

Peripheral neuropathic pain:a mechanism-related organizing principle based on sensory profiles

Pain 158 (2017)261 - 72

+Baron,R.

Martin-Mola,E., Müller,M., Dubois,C., Falke,D., Steigerwald,I.

Effectiveness and safety of tapentadol prolonged release (PR) versus a combination of tapentadol PR and pregabalin for the management of severe, chronic low back pain with a neuropathic component: a randomized, double-blind, phase 3b study

Pain Pract 15 (2015) 455 - 70

- +Baron,R. Schattschneider,J., Binder,A., Siebrecht,D., Wasner,G.  
Relation between sympathetic vasoconstrictor activity and pain and hyperalgesia in complex regional pain syndromes: a case control study  
*Lancet* 359 (2002)1655 – 60
- +Barral,J.-P. Lehrbuch der Viszeralen Osteopathie, Band 2, Urban und Fischer, München, Jena, 2002, S.101 – 2
- +Barsky,A.J. Wyshak,G., Klerman,G.L.  
Medical and psychiatric determinants of outpatient medical utilisation  
*Med Care* 24 (1986)548 – 60
- +Bartel,D.P. Micro-RNAs: target recognition and regulatory function  
*Cell* 136 (2009)215 – 33
- +Bartleson,J.D. Evidence for and against the use of opioid analgesics for chronic non-malignant low back pain: a review  
*Pain Med* 3 (2002)260 – 71
- +Bartley,M.H. Arnold,J.S., Haslam,R.K., Jee,W,S.S.  
The relationship of bone strength and bone quantity in health, disease and aging  
*J Gerontol* 21 (1966)517 – 21
- + Barton,P.M. Piriformis syndrome: a rational approach to management  
*Pain* 47 (1991)345 – 52
- Barton,S.B. Detection clinical depression and anxiety by monitoring patients thinking: a sentence completion method  
D.Clin.Psychol. thesis, University of Leeds, UK, 1996 (zit. Pincus et al., 2007)
- Barop,H. Lehrbuch und Atlas der Neuraltherapie nach Hunecke  
Hippokrates, Stuttgart, 1996
- +Barrett,A.J. Breen,A.C.  
Adverse effects of spine manipulation  
*J Royal Soc Med* 93 (2000)258 – 9

- +Barz,T. Melloh,M., Staub,L.P., Lord,S.J., Lange,J., Röder,C.P., Theis,J.C., Merk,H.R.  
Nerve root sedimentation sign: evaluation of a new radiological sign in lumbar spinal stenosis  
Spine 35 (2010)892 – 7
- +Barz,T. Staub,L.P., Melloh,M., Hamann,G., Lord,S.J., Chatfield,M.D., Bossuyt,P.M., Lange,J., Merk,H.R.  
Clinical validity of the nerve root sedimentation sign in patients with suspected lumbar spinal stenosis  
Spine J 14 (2014)667 - 74
- +Basadonna,P.T. Gasparini,D., Rucco,V.  
Iliolumbar ligament insertions. In vivo anatomic study  
Spine 21 (1996)2313 – 6
- +Basbaum,A.I. Spinal mechanisms of acute and persisting pain  
Reg Anesth Pain Med 24 (1999)59 – 67
- +Basbaum,A.I. Bautista,D.M., Scherrer,G., Julius,D.  
Cellular and molecular mechanisms of pain  
Cell 139 (2009)267 – 84
- +Basbaum,A.I. Fields,H.L.  
Endogenous pain control mechanisms: review and hypothesis  
Ann Neurol 4 (1978)451 – 62
- +Baseer,N. Al-Baloushi,A.S., Watanabe,M., Shehab,S.A.S., Todd,A.J.  
Selective innervation of NK1 receptor-lacking lamina 1 spinoparabrachial neurons by presumed nonpeptidergic A delta nociceptors in the rat  
Pain 155 (2014)2291 - 2300
- +Bashkuev,M. Reitmaier,S., Schmidt,H.  
Effect of disc degeneration on the mechanical behavior of the human lumbar spinae: a probabilistic finite element study  
Spine J 18 (2018)1910 - 20
- Basile,F. Petracca,M., Scionti,R.

Diagnostic reliability of osteopathic tests: A systematic review

Int J Osteop Med (2017) DOI

<http://dx.doi.org/10.1016/j.ijosm>2017.003.004

+Basler,H.D.

Bertalanffy,H., Quint,S., Wilke,A., Wolf,U.

TTM-based counselling in physiotherapy does not contribute to an increase of adherence to activity recommendations in older adults with chronic low back pain

Eur J Pain 11 (2007)31 - 7

+Basler,H.D.

Bloem,R., Casser,H.R., Gerbershagen,H.U., Grießlinger N., Hankemeier,U., Hesselbarth,S., Lautenbacher,S., Nikolaus,T., Richter,W., Schröter,C., Weiß,L.

Ein strukturiertes Schmerzinterview für geriatrische Patienten

Schmerz 15 (2001)164 – 71

+Basler,H.D.

Jäkle,C., Kröner-Herwig,B.

Incorporation of cognitive-behavioral treatment into the medical care of chronic back pain patients: a controlled randomized study in German pain treatment centers

Patient Educ Couns 31 (1997)113 – 24

+Basler,H.D.

Luckmann,J., Wolf,U., Quint,S.

Fear avoidance beliefs, physical activity, and disability in elderly individuals with chronic low back pain and healthy controls

Clin J Pain 24 (2008)604 - 10

+Basler,H.-D.

Quint,S., Wolf,U.

Fear Avoidance Beliefs und Funktion bei älteren Personen mit chronischem Rückenschmerz

Schmerz 20 (2006)189 – 97

Basmajian,J.

Muscles alive

Williams & Wikins, Baltimore, 1974 (zit. Chaitow, 2006) ; 4. Auflage 1978 (zit. Mitchell & Mitchell, 1995)

+Basmajian,J.V.

Acute back pain and spasm: a controlled multicenter trial of combined analgesic and antispasm agents

Spine 14 (1989)438 – 9

- +Basso,F.L. Pilzer,A., Ferreero,G., Fiz,F., Fabbro,E., Oliva,D., Casarolli,C., Turrina,A.  
Manual treatment for kidney mobility and symptoms in woman with nonspecific low back pain und urinary infections  
*J Osteopath Med* 121 (2021)5: 489 – 97  
[doi.org/10.1515/jom-2020-0288](https://doi.org/10.1515/jom-2020-0288)
- +Bassols,A. Bosch,F., Campillo,M., Banos,J.E.  
El dolor de espalda en la poblacion catalana. Prevalencia, caracteristicas y conducta terapeutica  
*Gac Sanit* 17 (2003)97 – 107
- +Bastigkeit,M. Low Back Pain – Komplementäre Behandlung von unspezifischen Kreuzschmerzen  
*Naturheilkunde* 93 (2016)6: 43 - 4
- +Bateman,A. Singh,A., Kral,T., Solomon,S.  
The immune-hypothalamic-pituitary-adrenal axis  
*Endocr Rev* 10 (1989)92 – 112
- +Battaglia,A.A. Sehayek,K., Grist,J., McMahon,S.B., Gavazzi,I.  
EphB receptors and ephrin-B ligands regulate spinal sensory connectivity and modulate pain processing  
*Nat Neurosci* 6 (2003)339 – 40
- +Battaglia,G. Monn,J.A., Schoepp,D.D.  
In vivo inhibition of veratridine-evoked release of striatal excitatory amino acids by the group II metabotropic glutamate receptor agonist LY 354740 in rats  
*Neurosci Lett* 229 (1997)161 – 4
- +Battie,M. Bigos,S.J., Fisher,L.D., Hanson,T.H., Nachemson,A.L., Spengler,D.M., Wortley,D., Zeh,J.  
A prospective study of the role of cardiovascular risk factors and fitness in industrial back pain complaints  
*Spine* 14 (1989)141 – 7
- +Battie,M.C. Jones,C.A., Schopflocher,D.P., Hu,R.W.  
Health-related quality of life and comorbidities associated with lumbar spinal stenosis

Spine J 12 (2012)189 - 93

Battie,M.C. et al.

A prospective study of the role of cardiovascular risk factors and fitness in industrial back pain complaints

Spine 16 (1991)7 – 14 (zit. Enthoven et al., 2006)

+Battie,M.C.

Niemelainen,R., Gibbons,L., Dhillon,S.

Is level- and side-specific multifidus asymmetry a marker for lumbar disc pathology ?

Spine J 12 (2012)932 - 9

+Battie,M.C.

Videman,T.

Lumbar disc degeneration : Epidemiology and genetics

J Bone Joint Surg Am 88 (2006) Suppl 2: 3 - 9

Battie,M.C.

Videman,T., Gibbons,L.E. et al.

1995 Volvo Award in clinical sciences. Determinants of lumbar disc degeneration. A study relating lifetime exposures and magnetic resonance imaging findings in identical twins

Spine 20 (1995)2601 – 12

Battie,M.C.

Videman,T., Gibbons,L.E. et al.

Occupational driving and lumbar disc degeneration: a case control study

Lancet 360 (2002)1369 – 74 (zit. Talmage, 2013)

+Battie,M.C.

Videman,T., Kaprio,J., Gibbons,L.E., Gill,K., Manninen,H., Saarela,J., Peltonen,L.

The twin spine study: Contributions to a changing view of disc degeneration

Spine J 9 (2009)47 - 59

+Battie,M.C.

Videman,T., Levälahti,E., Gill,K., Kaprio,J.

Genetic and environmental effects on disc degeneration by phenotype and spinal level: a multivariate twin study

Spine 33 (2008)2801 - 8

+Battie,M.C.

Videman,T., Levälahti,E., Gill,K., Kaprio,J.

Heritability of low back pain and the role of disc degeneration

Pain 131 (2007)272 - 80

- Battie ,M.C. Videman,T, Parent,E.  
Lumbar disc degeneration: Epidemiology and genetic influences  
Spine 29 (2004)2679 – 90 (zit. Guehring et al., 2006)
- +Baumbauer,K.M. Ramesh,D., Perry,M., Carney,K.B., Julian,T., Glidden,N., Dorsey,S.G., Strakweather,A.R., Young,E.E.  
Contribution of COMT and BDNF genotype and expression to the risk of transition from acute to chronic low back pain  
Clin J Pain 36 (2020)430 - 9
- +Baumgärtner,U. Nozizeptives System. Nozizeptoren, Fasertypen, spinale Bahnen und Projektionsareale  
Schmerz 24 (2010)105 - 13
- +Bäumer,C.J. Kinderfußfunktion und spätere Haltungsgesundheit des Erwachsenen. Ursache und Wirkung – zwei Seiten einer Medaille  
Osteopath Med 21 (2020)1: 18 - 22
- +Bäumler,P.I. Irnich,D.  
Physiologische mechanismen der analgetischen Akupunkturwirkung – ein Update im klinischen Kontext  
Dt Ztschr Akup 60 (2017)1: 9 - 15
- +Bautista,D.M. Siemens,J., Glazer,J.M., Tsuruda,P.R., Basbaum,A.I., Stucky,C.L., Jordt,S.E., Julius,D.  
The menthol receptor TRPM8 is the principal detector of the environmental cold  
Nature 448 (2007)204 – 8
- +Bauwens,P. Coyer,A.B.  
The “multifidus triangle” syndrome as a cause of recurrent low-back pain  
Br Med J 2 (4951)(1955)1306 – 7
- Bayerer,B. Stamer,U., Hoeft,A., Stüber,F.  
Genomic variations and transcriptional regulation of the human my-opioid receptor gene  
Eur J Pain 11 (2007)421 – 7

- Bayerer,B. Stamer,U., Hoeft,A., Stüber,F.  
Genomic variations and transcriptional regulation of the human my-opioid receptor gene  
*Eur J Pain* 11 (2007)421 – 7
- Bayliss,M.T. Johnstone,B., O'Brien,J.P.  
1988 Volvo award in basic science: Proteoglycan synthesis in the human intervertebral disc: variation with age, region and pathology  
*Spine* 13 (1988)972 – 81 (zit. Skrzypiec et al., 2007)
- Bayramoglu,M. Akman,M.N., Kinc,S., Cetin,N.,Yavuz,N., Özker,R.  
Isokinetic measurement of trunk muscle strength in women with chronic low back pain  
*Am J Phys Med Rehabil* 80 (2001)650 – 5 (zit. Wippert & Wiebking, 2016)
- +Beardon,K. Johnston,J.D., Siggers,K., Itshayek,E., Cripton,P.A.  
A repeatable ex vivo model of spondylolysis and spondylolisthesis  
*Spine* 33 (2008)2387 - 93
- +Beal,M.C. A review of short leg problem  
*JAOA* 50 (1950)109 – 21
- +Beal,M.C. The sacroiliac problem: Review of anatomy, mechanics, and diagnosis  
*JAOA* 81 (1982)667 - 79
- +Beal,M.C. The short leg problem  
*JAOA* 76 (1999)745 - 751
- Beal,M.C.-n?- Grant,J.H.  
Standing foot x-rays  
*JAOA* 46 (1947)306 – 7 (so zit. Beal, 1950)
- +Beale,M. Cella,M., de C.Williams,A.C.  
Comparing patients' and clinician-researchers' outcome choice fot psychological treatment of chronic pain  
*Pain* 152 (2011)2283 - 6

- +Beamer,Y.B. Garner,J.T., Shelden,H.S.  
Hypertrophied ligamentum flavum  
Arch Surg 106 (1973)289 – 92
- +Bean,D.J. Johnson,M.H., Kydd,R.A.  
Relationships between psychological factors, pain, and disability in complex regional pain syndrome and low back pain  
Clin J Pain 30 (2014)647 - 53
- +Beaton,D.E. Hogg-Johnson,S., Bombardier,C.  
Evaluation changes in health status: reliability and effectiveness of five generic health status measures in workers with musculoskeletal disorders  
J Clin Epidemiol 50 (1997)79 -93
- +Beaton,D.E. Bombardier,C., Katz,J.N., Wright,J.G., Wells,G., Boers,M., Strand,V., Shea,B.,  
Looking for important change/differences in studies on responsiveness  
J Rheumatol 28 (2001)400 – 5
- +Beaton,D.E. Boers,M., Wells,G.A.  
Many faces of the minimal clinical important difference (MICD): a literature review and direction for future research  
Curr Opin Rheumatol 14 (2002)109 – 14
- +Beaton,L.E. Anson,B.J.  
The relation of the sciatic nerve and its subdivisions to the piriformis muscle  
Anat Rec 70 (1937)1 – 5
- +Beattie,P.F. Brooks,W.M., Rothstein,J.M., Sibbitt,W.L., Robergs,R.A., MacLean,T., Hart,B.L.  
Effect of lordosis on the position of the nucleus pulposus in spine subjects  
Spine 19 (1994)2096 – 2102
- Beattie,P. Butts,R., Donley,J.W., Liuzzo,D.M.

The within-session change in low back pain intensity following spinal manipulative therapy is related to differences in diffusion of water in the intervertebral discs of the upper lumbar spine and L5 – S1

J Orthop Sports Phys Ther 44 (2014)19 – 29 (zit. Ammer, 2014a)

+Beattie,P.

Dowda,M., Feuerstein,M.

Differentiating sensory and affective-sensory descriptions in patients undergoing magnetic resonance imaging for persistent low back pain

Pain 110 (2004)189 - 96

+Beattie,P.

Isaacson,K., Riddle,D.L., Rothstein,J.M.

Validity of derived measurements of leg-length differences obtained by use of a tape measure

Phys Ther 70 (1990)150 – 7

+Beattie,P.

Maher,C.

The role of functional status questionnaires for low back pain

Aust J Physiother 43 (1997)29 – 38

+Beatty,R.A.

The piriformis muscle syndrome: a simple diagnostic maneuver

Neurosurg 34 (1994)512 – 4

+Beatty,R.A.

Piriformis Syndrome (Letter to the editor)

J Neurosurg Spine 5 (2006)101

+Beaudette,S.M.

Zwambag,D.P., Graham,R.B., Brown,S.H.M.

Discriminating spatiotemporal movement strategies during spine flexion-extension in healthy individuals

Spine J 19 (2019)1264 - 75

+Beaudoin,L.

Zabjek,K.F., Leroux,M.A., Coillard,C., Rivard,C.H.

Acute systematic and variable postural adaptations induced by an orthopaedic shoe lift in control subjects

Eur Spine J 8 (1999)40 – 5

+Becerra,L.

Breiter,H.C., Wise,R., Gonzales,R.G., Borsook,D.

Reward circuitry activation by noxious thermal stimuli

- Neuron 32 (2001)927 - 46
- +Bechara,A. Risky business: emotion, decision-making, and addiction  
J Gambl Stud 19 (2003)23 – 51
- +Bechara,B.P. Agarwal,V., Boardman,J., Perera,S., Weiner,D.K., Vo,N., Kang,J., Sowa,G.A.  
Correlation of pain with objective quantification of magnetic resonance images in older adults with chronic low back pain  
Spine 39 (2014)469 - 75
- Beck,A. (Hrsg.): Einwirkung der Umwelt auf den Menschen; KIKOM Bd. 5, Internationaler Verlag der Wissenschaften 2001: 13 (so zit. Saha & Wander, 2014)
- Beck,A.T. et al. Manual for the Beck Depression Inventory-II  
San Antonio, TX, Psychological Corporation, 1996
- +Beck,J.S. In session with Judith S. Beck, PhD: cognitive-behavioral therapy (interview conducted by N.Sussman)  
Prim Psychiatry 13 (2006)31 – 4
- +Beck,L. Silve,C.  
Molecular aspects of renal tubular handling and regulation of inorganic sulfate  
Kidney Int 59 (2001)835 – 45
- +Beck,M. Schmerzsyndrome der Regio inguinalis  
Osteopathische Med 8 (2007)4: 22 – 6
- +Beck,M. Neurobiologische Aspekte eines Knackgeräusches im Rahmen einer HVLA Technik  
Osteopathische Med 9 (2008)4: 25 - 6
- +Becker,A. Held,H., Redaelli,M., Strauch,K., Chenot,J.F., Leonhardt,C., Keller,S., Baum,E., Pfingsten,M., Hildebrandt,J., Basler,H.D., Kochen,M.M., Donner-Banzhoff,N.  
Low back pain in primary care. Costs of care and prediction of future health care utilization  
Spine 35 (2010)1714 - 20
- +Becker,A. Held,H., Redaelli,M., Strauch,K., Chenot,J.F., Leonhardt,C., Keller,S., Baum,E., Pfingsten,M., Hildebrandt,J., Basler,H.D., Kochen,M.M., Donner-Banzhoff,N , Strauch,K.

Implementation of a guideline for low back pain management in primary care. A cost-effectiveness analysis

Spine 37 (2012)701 - 10

+Becker,A.

Hildebrandt,J., Müller,G.

Europäische Leitlinie für den Umgang mit unspezifischen Kreuzschmerzen

[www.backpaineurope.org](http://www.backpaineurope.org)

+Becker,A.

Kögel,K., Donner-Banzhoff,N., Basler,H.D., Chenot,J.F., Moitro,R., Kochen,M.M.

Kreuzschmerzpatienten in der hausärztlichen Praxis:  
Beschwerden, Behandlungserwartungen und  
Versorgungsdaten

Z Allg Med 79 (2003)126 – 31

+Becker,A.

Leonhardt,C., Kochen,M.M., Keller,S., Wegscheider,K., Baum,E., Donner-Banzhoff,N., Pfingsten,M., Hildebrandt,J., Basler,H.D., Chenot,J.F.

Effects of two guideline implementation strategies on patient outcomes in primary care – a cluster randomized controlled trial

Spine 33 (2008)473 - 80

+Becker,C.

Heidersdorf,S., Drewlo,S., Zirke de Rodriguez,S., Krämer,J., Willburger,R.E.

Efficacy of epidural perineural injections with autologous conditioned serum for lumbar radicular compression: an investigator-initiated, prospective, double-blind, reference-controlled study

Spine 32 (2007)1803 – 8

+Becker,M.H.

Patient adherence to prescribed therapies

Med Care 23 (1985)539 – 55

+Becker,S.

The symphysis in patients with SI joint pain

Proceedings of the 27<sup>th</sup> annual meeting of the North American Spine Society, Dallas, Texas, October 24 – 27, 2012

Spine J 12 (2012)Suppl.9: 69

+Becker,S.

Diers,M.

- Chronischer Schmerz. Wahrnehmung, Belohnung und neurale Verarbeitung  
Schmerz 30 (2016)395 - 406
- +Becker,S.  
Hadjipavlou,A., Heggeness,M.H.  
Ablation of the basivertebral nerve for treatment of back pain: a clinical study  
Spine J 17 (2017)218 - 23
- +Becker,T.J.  
Scoliosis in swimmers  
Clin J Sports Med 5 (1986)149 – 58
- +Beckh,S.  
Noda,M., Lübbert,H., Numa,S.  
Differential regulation of three sodium channel messenger RNA's in the rat central nervous system during development  
EMBO J 8 (1989)3611 – 6
- +Bedard,M.  
Martin,N.I., Krueger,P., Brasil,K.  
Assessing reproducibility of data obtained with instruments based on continuous measurements  
Exp Aging Res 26 (2000)353 – 65
- +Bederman,S.S.  
Predicting prognosis in sick-listed low back pain patients: sneaking a peak inside the black box (commentary)  
Spine J 10 (2010)728 - 30
- +Bednar,D.A.  
Orr,F.W., Simon,G.T.  
Observations of the pathomorphology of the thoracolumbar fascia in chronic mechanical back pain. A microscopic study  
Spine 20 (1995)1161 – 4
- +Bee,L.A.  
Bannister,K., Rahmen,W., Dickenson,A.H.  
Mu-opioid and noradrenergic alpha2-adrenoceptor contributes to the effects of tapentadol on spinal electrophysiological measures of nociception in nerve-injured rats  
Pain 152 (2011)131 - 9
- +Bee,L.A.  
Dickenson,A.H.

- Descending facilitation from the brainstem determines behavioural and neuronal hypersensitivity following nerve injury and efficacy of pregabalin  
Pain 140 (209 - 23)
- +Beel,J.A.  
Stodieck,L.S., Luttges,M.W.  
Structural properties of spinal nerve roots: Biomechanics  
Exp Neurol 91 (1986)30 – 40
- +Been,E.  
Kalichman,L.  
Lumbar lodosis  
Spine J 14 (2014)87 - 97
- +Beers,M.H.  
Explicit criteria for determining potentially inappropriate medication use by the elderly. An update.  
Arch Intern Med 157 (1997)1531 – 6
- +Begon,M.  
Scherrer,S.A., Coillard,C., Rivard,C.H., Allard,P.  
Three-dimensional vertebral wedging and pelvic asymmetries in the early stages of adolescent idiopathic scoliosis  
Spine J 15 (2015)477 - 86
- +Behrbalk,E.  
Halpern,P., Boszczyck,B.M.; Parks,R.M., Chechik,O., Rosen,N., Shapira,A., Merose,O., Uri,O.  
Anxiolytic medication as an adjunct to morphine analgesia for acute low back pain management in the emergency department. A prospective randomized trial  
Spine 39 (2014)17 - 22
- +Behrens,V.  
Seligman,P., Cameron,L., Mathias,C.G.T., Fine,L.  
The prevalence of back pain, hand discomfort, and dermatitis in the U.S. working population  
Am J Public Health 84 (1994)1780 – 5
- +Beiche,F.  
Scheuerer,S., Brune,K., Geisslinger,G., Goppelt-Struebe,M.  
Up-regulation of cyclooxygenase-2 mRNA in the rat spinal cord following peripheral inflammation  
FEBS Lett 390 (1996)162 – 9
- +Beighton,P.  
Horan,F.

- Orthopedic aspects of Ehlers-Danlos syndrome  
J Bone Joint Surg Br 51 (1969)444 – 53
- +Bein,K.  
Simons,M.  
Thrombospondin type I repeats interact with matrix metalloproteinase 2. Regulation of metalloproteinase activity  
J Biol Chem 275 (2000)32167 – 73
- +Beinart,N.A.  
Goodchild,C.E., Weinman,J.A., Ayis,S., Godfrey,E.L.  
Individual and intervention-related factors associated with adherence to home exercise in chronic low back pain: a systematic review  
Spine J 13 (2013)1940 - 50
- +Beiske,A.G.  
Pedersen,E.D., Czukko,B., Myhr,K.M.  
Pain and sensory complaints in multiple sclerosis  
Eur J Neurol 11 (2004)479 -82
- +Beith,I.D.  
Kemp,A., Kenyon,J., Prout,M., Chestnut,T.J.  
Identifying neuropathic back and leg pain: a cross-sectional study  
Pain 152 (2011)1511 - 6
- +Beitz,A.J.  
The sites of origin of brainstem neurotensin and serotonin projections to the rodent nucleus raphe magnus  
J Neurosci 2 (1982)829 – 42
- +Beirith,A.  
Santos,A.R.S., Calixto,J.B.  
Mechanisms underlying the nociception and paw oedema caused by injection of glutamate into the mouse paw  
Brain Res 924 (2002)219 – 28
- +Beith,I.D.  
Kemp,A., Kenyon,J., Prout,M., Chestnut,T.J.  
Identifying neuropathic back and leg pain: A cross-sectional study  
Pain 152 (2011)1511 - 6
- +Bejia,I.  
Abid,N, Ben Salim,K., Letaif,M., Younes,M., Touzi,M., Bergaoui,N

- Low back pain in a cohort of 622 Tunisian schoolchildren and adolescents: an epidemiological study  
Eur Spine J 14 (2005)331 – 6
- Bekkering, G.E. Hendriks,H.J.M., Koes,B.W. et al.  
KNGF-richtlijn lage-rugpijn  
Nederlands Tijdschrift voor Fysiotherapie 111 (2001) Suppl. 3: 1 – 24
- +Bekkering,G.E. Hendriks,H.J.M., Koes,B.W., Oostendorp,R.A.B., Ostelo,R.W.J.G., Thomassen,J.M.C., van Tulder,M.W.  
Dutch physiotherapy guidelines for low back pain  
Physiotherapy 89 (2003)82 – 96
- +Bekkering,G.E. Hendriks,H.J.M., van Tulder,M.W.,Knol,D.L., Hoeijenbos,M., Oostendorp,R.A.B., Bouter,L.M.  
Effect on the process of care of an active strategy to implement clinical guidelines on physiotherapy for low back pain: a cluster randomized trial  
Qual Saf Health Care 14 (2005)107 – 12
- +Belavy,D.L. Armbrecht,G., Felsenberg, D.  
Complete recovery of lumbar intervertebral discs 2 years after 60 – day bed rest  
Spine 37 (2012)1245 – 51
- +Belavy,D.L. Armbrecht,G., Gast,U., Richardson,C.A., Hides,J.A., Felsenberg,D.  
Countermeasures against lumbar spine deconditioning in prolonged bed rest: resistive exercise with and without whole body vibrations  
J Appl Physiol 109 (2010)1801 – 11
- +Belavy,D.L. Armbrecht,G., Richardson,C.A., Felsenberg,D., Hides,J.A.  
Muscle atrophy and changes in spinal morphology. Is the lumbar spine vulnerable after prolonged bedrest?  
Spine 36 (2011)137 - 45
- +Belavy,D.L. Hides,J.A., Wilson,S.J., Stanton,W., Dimeo,F.C., Rittweger,J., Felsenberg,D., Richardson,C.A.

- Resistive simulated weightbearing exercise with whole body vibration reduces lumbar spine deconditioning in bed rest  
Spine 33 (2008)E121 – 31
- Belavy,D.L. -n-  
Richardson,C.A., Wilson,S.J., Rittweger,J, Felsenberg,D.  
Superficial lumbopelvic muscle overactivity and decreased cocontraction after 8 weeks of bed rest  
Spine 32 (2007)E23 - 29
- +Belfer,I.  
Segall,S.K., Lariviere,W.R., Smith,S.B., Dai,F., Slade,G.D., Rashid,N.U., Mogil,J.S. und weitere 6 Autoren  
Pain modality- and sex-specific effects of COMT genetic functional variants  
Pain 154 (2013)1368 - 76
- +Belfi,L.M.  
Ortiz,A.O., Katz,D.S.  
Computer tomography evaluation of spondylolysis and spondylolisthesis in asymptomatic patients  
Spine 31 (2006)E907 – 10
- +Bell,K.  
Rüger,U.  
Ambulante psychotherapeutische Versorgung: Das System wird immer komplexer  
Dt Ärztebl 104 (2007)A 2039 - 42
- +Bell,R.F.  
Ketamine for chronic non-cancer pain  
Pain 141 (2009)210 – 4
- +Bell,R.F.  
Borzan,J., Kalso,E., Simmonet,G.  
Food, pain and drugs: Does it matter what patients eat?  
Pain 153 (2012)1993 - 6
- +Bellach,B.M.  
Ellert,U., Radoschewski,M.  
Epidemiologie des Schmerzes – Ergebnisse des Bundes-Gesundheitssurveys 1998  
Bundesgesundheitsbl-Gesundheitsforsch-Gesundheitsschutz 43 (2000)424 – 31
- +Belles,B.  
Belles,G., Luxenburger,B.  
Neuraltherapie bei Bandscheibenvorfällen

Komplement Integr Med 49 (2008)8: 11 - 6

+Bellido-Fernandez,I.

Jimenez-Rejano,J.J., Chillon-Martinez,R., Gomez-Benitez,M.A., Almeida,M., Rebollo-Salas,M.

Effectiveness of massage therapy and abdominal hypopressive gymnastik in patients with nonspecific cghronic low back pain

Evidence Based Complement Altern Med (2018) ID 3684194  
doi.org/10.1155/2018/3684194

+Belmonte,C.

Viana,F.

Molecular and cellular limits to somatosensory specificity

Mol Pain 4 (2008)14

+Bement,M.K.H.

Sluka,K.A.

Low-intensity exercise reverses chronic muscle pain in the rat in a naloxon-dependent manner

Arch Phys Med Rehab 86 (2005)1736 – 40

+Bemis,T.

Daniel.,M.

Validation of the long sitting test on subjects with iliosacral dysfunctions

J Orthop Sports Phys Ther 8 (1987)336 – 45

+Ben-Ari,Y.

Excitatory actions of GABA during development: the nature of the nurture

Nat Rev Neurosci 3 (2002)818 - 30

+Benbouzid,M.

Choucair-Jaafar,N., Yalcin,I., Waltisperger,E., Muller,A., Freund-Mercier,M.J., Barrot,M.

Chronic, but not acute, tricyclic antidepressant treatment alleviates neuropathic allodynia after sciatic nerve cuffing in mice

Eur J Pain 12 (2008)1008 – 1017

+BenDebba,M.

Torgerson,W.S., Long,D.M.

A validated, practical classification procedure for many persistent low back pain patients

Pain 87 (2000)89 – 97

+Bendix,A.F.

Bendix,T., Lund,C., Kirkbak,S., Ostenfeld,S.

Comparison of three intensive programs for chronic low back pain patients: a prospective, randomized, observerblinded study with one-year follow-up

Scand J Rehabil Med. 29 (1997)81 - 9

+Bendix,A.F.

Bendix,T., Ostenfeld,S., Bush,E., Andersen,A.

Active treatment programs for patients with chronic low back pain: a prospective randomized, observer-blinded study

Eur Spine J 4 (1995)148 – 52 (zit. van Tulder et al., 2006b)

+Bendix,A.F.

Bendix,T., Vaegter,K.V., Lund,C., Frolund,L., Holm,L.

Multidisciplinary intensive treatment for chronic low back pain: a randomized prospective study

Cleve Clin J Med 63 (1996)62 – 9

+Bendix,T.

Kjaer,P., Korsholm,L.

Burned-out discs Stopp hurting: facto or fiction?

Spine 33 (2008)E962 - 7

+Bendix,T.

Sorensen,J.S., Henriksson,G.A.C., Bolstad,J.E., Narvestad,E.K., Jensen,T.S.

Lumbar Modic changes – a comparison between findings of low- and high-field magnetic resonance imaging

Spine 37 (2012)1756 - 62

+Benecke,R.

Leithäuser,R.M.

Körperliche Aktivität im Kindesalter – Messverfahren

Dt Z Sportmed 59 (2008)215 - 22

+Benedetti,F.

The opposite effects of the opiate antagonist naloxone and the cholecystokinin antagonist proglumide on placebo analgesia.

Pain 64 (1996)535 – 43

+Benedetti,F.

Editorial: What do you expect from this treatment? Changing our mind about clinical trials

Pain 128 (2007)193 – 4

+Benedetti,F.

No prefrontal control, no placebo response (commentary)

Pain 148 (2010)357 – 8

- +Benedetti,F. Placebo responses in animals (commentary)  
Pain 153 (2012) 1983 - 4
- +Benedetti,F. Amanzio,M., Baldi,S., Casadio,C., Maggi,C.  
Inducing placebo respiratory depressant responses in human via opioid receptors  
Eur J Neurosci 11 (1999a)625 – 31
- +Benedetti,F. Amanzio,M., Vighetti,S., Asteggiano,G.  
The biochemical and neuroendocrine bases of the hyperalgesic nocebo effect  
J Neurosci 26 (2006)12014 – 22
- +Benedetti,F. Arduino,C., Amanzio,M.  
Somatotopic activation of opioid systems by target-directed expectations of analgesia  
J Neurosci 19 (1999)3639 – 48
- +Benedetti,F. Arduino,C., Costa,S., Vighetti,S., Tarenzi,I., Rainero,I., Asteggiano,G  
Loss of expectation-related mechanisms in Alzheimer's disease makes analgesic therapies less effective  
Pain 121 (2006)133 - 44
- +Benedetti,F. Durando,J., Vighetti,S.  
Nocebo and placebo modulation of hypobaric hypoxia headache involves the cyclooxygenase-prostaglandins pathway  
Pain 155 (2014)921 - 8
- +Benedetti,F. Mayberg,H., Wagner,T.D., Stohler,C.S., Zubieta,J.K.  
Neurobiological mechanisms of the placebo effect  
J Neurosci 25 (2005)10390 – 402
- +Benedetti,F. Thoen,W., Blanchard,C., Vighetti,S., Arduino,C.  
Pain as a reward:changing the meaning of pain from negative co-activates opioid and cannabinoid systems  
Pain 154 (2013)361 – 7
- +Bener,A. Ghuloum,S., Burgut,F.T.

Gender differences in prevalence of somatoform disorders in patients visiting primary care centers

J Prim Care Community Health 1 (2010)37 – 42

+Bener,A.

Verjee,M., Dafeeah,E.E., Falah,O., Al-Juhaishi,T., Schlogl,J., Sedeeq,A., Khan,S.

Psychological factors: anxiety, depression, and somatisation symptoms in low back pain patients

J Pain Res 6 (2013)95 - 101

+Ben-Galim,P.

Ben-Galim,T., Rand,N., Haim,A., Hipp,J., Dekel,S., Floman,Y.

Hip-spine syndrome: The effect of total hip replacement surgery on low back pain in severe osteoarthritis of the hip

Spine 32 (2007)2099 - 2102

+Ben-Galim,P.

Reitman,C.A.

The distended facet sign: an indicator of position-dependent spinal stenosis and degenerative spondylolisthesis

Spine J 7 (2007)245 - 8

+Bengel,D.

Murphy,D.L., Andrews,A.M., Wichems,C.H., Feltner,D., Heils,A., Mössner,R., Westphal,H., Lesch,K.P.

Altered brain serotonin homeostasis and locomotor insensitivity to 3,4-methylendioxymethamphetamine (Extacy) in serotonin transporter-deficient mice

Mol Pharmacol 53 (1998)649 – 55

+Bengtsson,A.

Henriksson,K., Larsson,J.

Reduced high energy phosphate levels in painful muscles of patients with primary fibromyalgia

Arthritis Rheumatism 29 (1986)817 – 21

-Benito,M.J.

Veale,D.J., FitzGerald,O. et al.

Synovial tissue inflammation in early and late osteoarthritis

Ann Rheum Dis 64 (2005)1263 – 7 (zit. Chao & Kalunian, 2008)

+Benjamin,M.

The fascia of the limbs and back – a review

J Anat 214 (2009)1 – 18

+Benneker,L.M.

Heini,P.T., Anderson,S.E., Alini,M., Ito,K.

Correlation of radiographic and MRI parameters to morphological and biochemical assessment of intervertebral disc degeneration

Eur Spine J 14 (2005)27 – 35

--Bennell,K.

Bowles,K.A., Payne,C., Ciccuttini,F., Osborne,R., Harris,A., Hinman,R.

Effects of laterally wedged insoles on symptoms and disease progression in medial knee osteoarthritis: a protocol for randomized, double-blind, placebo controlled trial

BMC Musculoskelet Disord 24 (2007)8: 96 (zit. Lipton et al., 2009)

+Bennell,K.

Hodges,P., Mellor,R., Bexander,C., Souvlis,T.

The nature of anterior knee pain following injection of hypertonic saline into the infrapatellar fat pad

J Orthop Res 22 (2004)116 – 21

+Bennell,K.L.

Hinman,R.S.

Effect of experimentally induced knee pain on sanding balance in healthy older individuals

Rheumatology (Oxford) 44 (2005)378 – 81

Bennet,G.

Neuropathic pain. New insights, new interventions. Hospital practice 1998, available at <http://www.hosppract.com/issues/1998/10/bennet.htm> (zit. Taylor, 2006)

Bennet,G.

Neuropathic pain. New insights, new interventions.

Meadville,PA: Alleghany University of the Med Sciences, 2001, (zit. Taylor, 2006)

+Bennett,D.L:

Michael,G.J., Ramachandran,N., Munson,J.B., Averill,S., Yan,Q., McMahon,S.B., Priestley,J.V.

A distinct subgroup of small DRG cells express GDNF receptor components and GDNF is protective for these neurons after nerve injury

J Neurosci 18 (1998)3059 – 72

+Bennett,G.J.

Xie,Y.K.

A peripheral mononeuropathy in rat produces disorders of pain sensation like those seen in man

Pain 33 (1988)87 – 107

- +Bennett,M.I. Hughes,N., Johnson,M.I.  
Methodological quality in randomized controlled trials of transcutaneous electric nerve stimulation for pain : Low fidelity may explain negative findings  
*Pain* 152 (2011)1226 - 32
- +Bennett,M.I. Smith,B.H., Torrance,N., Lee,A.J.  
Can pain be more or less neuropathic? Comparison of symptom assessment tools with ratings of certainty by clinicians  
*Pain* 122 (2006)289 – 94
- +Bennett,R.M. Clark,S.R., Goldberg,L., Nelson,D., Bonafede,R.P., Porter,J., Specht,D.,  
Aerobic fitness in patients with fibrositis. A controlled study of espiratory gas exchange and 133 xenon clearance from exercising muscle  
*Arthritis Rheum* 32 (1989)452 – 60
- +Benny,B.V. Patel,M.Y.  
Predicting epidural steroid injections with laboratory markers and imaging techniques  
*Spine J* 14 (2014)2500 - 8
- +Benoist,M. The natural history of lumbar degenerative spinal stenosis  
*Joint Bone Spine* 69 (2002)450 – 7
- +Benoist,M. Natural history of the aging spine  
*Eur Spine J* 12 (2003)86 – 9
- +Benowitz,L.I. Routtenberg,A.  
A membrane phosphoprotein associated with neural development, axonal regeneration, phospholipid metabolism, and neural plasticity  
*Trends Neurosci* 10 (1987)527 – 32
- +Benson,E.R. Schutzer,S.F.  
Posttraumatic piriformis syndrome: diagnosis and results of operative treatment  
*J Bone Joint Surg Am* 81 (1999)941 – 9

- +Benveniste,E.N. Kwon,J., Chung,W.J., Sampson,J., Pandya,K.,Tang,L.P.  
Differential modulation of astrocyte cytokine gene expression by TGF-beta  
*J Immunol* 153 (1994)5210 – 21
- +Benyamin,R. Vallejo,R., Yousuf,N., Tamrazi,A., Kramer,J.  
Incidental diagnosis of intradural disc herniation during discography: a case report  
*Pain Practice* 7 (2007)332 – 6
- +Benzon,H.T. Katz,J.A., Benzon,H.A., Iqbal,M.S.,  
Piriformis syndrome: anatomic considerations, a new injection technique and a review of the literature  
*Anesthesiology* 98 (2003)1442 – 8
- +Benzon,H.T. Kendall,M.C., Katz,J.A., Benzon,H.A., Malik,K., Cox,P., Dean,K., Avram,M.A.  
Prescription patterns of pain medicine physicians  
*Pain Pract* 13 (2013)440 - 50
- +Berard,A. Sheehy,O., Girard,S., Zhao,J.P., Bernatsky,S.  
Risk of preterm birth following late pregnancy exposure to NSAIDs or COX-2 inhibitors  
*Pain* 159 (2018)945 - 55
- +Berg,S. Isberg,B., Josephson,A., Fällman,M.  
The impact of discography on the surgical decision in patients with chronic low back pain  
*Spine J* 12 (2012)283 - 91
- +Bergbom,S. Boersma,K., Linton,S.J.  
Both early and late changes in psychological variables relate to treatment outcome for musculoskeletal pain patients at risk for disability  
*Behav Res Ther* 50 (2012)726 – 34
- +Berger, A. Dukes,E., Edelsberg,J., Stacey,B., Oster,G.  
Use of tricyclic antidepressants in older patients with diabetic peripheral neuropathy

Clin J Pain 23 (2007)251 - 8

+Berger,S.E.

Branco,P., Vachon-Presseau,E., Abdullah,T.B., Cecchi,G., Apkarian,A.V.

Quantitative language features identify placebo responders in chronic back pain

Pain 162 (2021)1692 – 1704

doi.org/10.1097/j.pain.0000000000002175

+Berger-Schmitt,R.

Kohlmann,T., Raspe,H

Rückenschmerzen in Ost- und Westdeutschland

Gesundheitswesen 58 (1996)519 – 24

+Bergeron,R.

Meyer,T.M., Coyle,J.T., Greene,R.W.,

Modulation of N-methyl-d-aspartate receptor fuctions by glycine transport

Proc Natl Acad Sci USA 95 (1998)15730 – 4

+Bergeron-Vezina,K.

Corriveau,H., Martel,M., Harvey,M.P., Leonard,G.

High- and low-frequency transcutaneous electrical nerve stimulation does not reduce experimental pain in elderly individuals

Pain 156 (2015)2093 - 99

+Bergholdt,K.

Fabricius,R.N., Bendix,T.

Better backs by better beds ?

Spine 33 (2008)703 - 8

-Berghs,T.

Koinzidenz muskulärer Dysfunktionen und reversibler Fehlstellungen im Lenden-Becken-Hüftbereich

Physiotherapie 2 (1994)16 – 25 (zit. Berghs, 2000a)

+Berghs,T.

Muskulär bedingte Dysfunktionsmodelle. Teil 1. M.iliacus-Modell – Modell der oberen HWS mit C<sub>2/3</sub>-Blockierung

Manuelle Med 38 (2000)42 - 8

+Berghs,T.

Muskulär bedingte Dysfunktionsmodelle. Teil 2. M. psoas – Modell, M. rectus femoris- Modell, Hüftadduktoren-Modell und Hüftabduktoren-Modell

Manuelle Med 38 (2000a)67 - 74

- +Berghs,T.  
Muskulär bedingte Dysfunktionsmodelle. Teil 3.  
Bauchmuskel-Modell, Modell, des oberen gekreuzten  
Syndroms, Übersicht an der Wirbelsäule  
Manuelle Med 38 (2000b)75 - 82

+Berglund,L.  
Aasa,B., Michaelson,P., Aasa,U.  
Sagittal lumbopelvic alignment in patients with low back pain  
and the effects of a high-load lifting exercise and  
individualized low-load motor control exercises – a  
randomized controlled trial  
Spine J 18 (2018)399 - 406

+Bergman,S.  
Jacobsson,L.T.H., Herrström,P., Petersson,I.F.  
Health status as measured by SF-36 reflects changes and  
predict outcome in chronic musculoskeletal pain: a 3-year  
follow up in the general population  
Pain 108 (2004)115 - 23

+Bergmark,A.  
Stability of the lumbar spine. A study in mechanical  
engineering  
Acta Orthop Scand 230 (1989)Suppl: 1 – 54

+Bergquist-Ullman,M.  
Larson,U.  
Acute low back pain in industry: a controlled prospective  
study with special reference to therapy and confounding  
factors  
Acta Orthop Scand 170 (1977)Suppl:1 – 117

+Bergström,G.  
Jensen,I.B., Bodin,L., Linton,S.J., Nygren,A.L.  
The impact of psychologically different patient groups on  
outcome after a vocational rehabilitation program for long  
term spinal pain patients  
Pain 93 (2001)229 – 37

Berkley,K.J.  
Sex differences in pain  
Behav Brain Sci 20 (1997)371 – 80

+Berkowitz,M.R.  
Looking back; looking forward  
AAO J 22 (2012)3: 4 - 5

(-)Berkowitz,M.R.  
Osteopathic approach to treating a patient with new onset  
low back pain following injury reveals unusual presentation of  
bilateral and symmetric symptoms: a case report

+Berkson,M.

Nachemson,A., Schultz,A.

Mechanical properties of the human lumbar spine motion segment: II response in compression and shear

J Biomech Eng 101 (1979)53 – 7

+Berlemann,U.

Jeszensky,D.J., Bühler,D.W., Harms,J.

The role of lumbar lordosis, vertebral end-plate inclination, disc height, and facet orientation in degenerative spondylolisthesis

J Spinal Disord 12 (1999)68 – 73

Bernal,W.

Changing patterns of causation and the use of transplantation in the United Kingdom

Semin Liver Dis 23 (2003)227 – 37 (zit. AMK, 2007)

Bernard,B.P

Putz-Anderson,V.

National Institute for Occupational Safety and Health. Musculoskeletal Disorders and Workplace Factors: A critical review of epidemiologic evidence for work-related musculoskeletal disorders of the neck, upper extremity and low back. Cincinnati, U.S. Department of Health and Human Services, 1997

+Bernard,J.F.

Bester,H., Besson,J.M.

Involvement of the spino-parabrachio-amygdaloid and – hypothalamic pathways in the autonomic and emotional aspects of pain

Prog Brain Res 107 (1996)243 – 55

(-)Bernard,S.

Gentilcore-Saulnier,E., Masse-Alarie,H., Moffet,H.

Is adding pelvic floor muscle training to an exercise intention more effective at improving pain in patients with non-specific low back pain? A systematic review of randomized controlled trials

Physiother (2020) av. Online 2.3.2020  
doi.org/10.1016/j.physio.2020.02.005

Bernard,T.N. Jr.

Cassidy,J.D.

The sacroiliac joint syndrome: pathophysiology, diagnosis and management

- In: Frymorer,J.W. ed., The adult spine: principles and practice; New York, Raven Press, 1991, p.2107 – 30
- +Bernard,T.N. Jr. Kirkaldy – Willis,W.H.  
Recognizing specific characteristics of non-specific low back pain  
Clin Orthop 217 (1987)266 – 80
- +Berner,B Rechtsreport: Leitlinien sind nicht dem medizinischen Standard gleichzusetzen  
Dt Ärztebl 105 (2008)A 1937
- Bernhardt,M. Normal spinal anatomy: normal sagittal plane alignment.  
In: Bridwell,K.H., DeWald,R.L. (eds.): The Textbook of Spinal Surgery, 2<sup>nd</sup> ed., Philadelphia, Lippincott – Raven, 1997, p. 185 – 90 (zit. Saha et al., 2007)
- Bernick,S. Cailliet,,R.  
Vertebral end-plate changes with aging of human vertebrae  
Spine 7 (1982)97 – 102 (zit. Huang et al., 2007)
- +Berns,G.S. Cohen,J.D., Mintun, M.A.  
Brain regions responsive to novelty in the absence od awareness  
Science 276 (1997)1272 – 5
- +Berns,G.S. McClure,S.M., Pagnoni,G., Montague,P.R.  
Predictability modulates human brain response to reward  
J Neurosci 21 (2001)2793 – 8
- +Bernstein,D.N. Merchan,N., Fear,K., Rubery,P.T., Mesfin,A.  
Greater socioeconomic disadvantage is associated with worse symptom severity at initial presentation in patients seeking care for lumbar disc herniation  
Spine 46 (2021)464 – 71 doi.org/0000000000003811
- +Bernstein,D.N. Prong,M., Kurucan,E., Jain,A., Menga,E.N., Riew,D., Mesfin,A.  
National trends and complications in the surgical management of calcification of the posterior longitudinal ligament (OPLL)  
Spine 44 (2019)1550 - 7

- +Bernstein,P. Hentschel,S., Platzek,I., Hühne,S., Ettrich,U., Hartmann,A., Seifert,J.  
Thoracal flat back is a risk factor for lumbar disc degeneration after scoliosis surgery  
*Spine J* 14 (2014)925 - 32
- +Bernstein,R.M. Injections and surgical therapy in chronic pain  
*Clin J Pain* 17 (2001)S94 – S104
- +Berridge,K.C. Kringelbach,M.L.  
Neuroscience of effect: brain mechanisms of pleasure and displeasure  
*Curr Opin Neurobiol* 23 (2013)294 – 303
- +Berrocoso,E. Bridging the gaps: Special commentary. Gabapentin, a double-agent acting on cognition in pain?  
*Pain* 155 (2014)1909 - 10
- +Berrsche,G. Schmitt,H.  
Pain prevalences and analgetic use in junior athletes – a recent narrative review  
*Dtsch Z Sportmed* 73 (2022)93 -7  
[doi.org/10.5960/dzsm.2022.526](https://doi.org/10.5960/dzsm.2022.526)
- (+)Berry,D.B. Padwal,J., Johnson,S., Englund,E.K., Ward,S.R., Shahidi,B.  
The effect of high-intensity resistance exercise on lumbar musculature in patients with low back pain: a preliminary study  
*BMC Musculoskel Disord* 20 (2019)290  
[doi.org/10.1186/s12891-019-2658-1](https://doi.org/10.1186/s12891-019-2658-1)
- +Berry,H. Hutchinson,D.  
A multicentre placebo-controlled study in general practice to evaluate the efficacy and safety of tizanidine in acute low-back pain  
*J Int Med Res* 16 (1988)75 – 82
- +Bertalanffy,A. Kober,A., Bertalanffy,P., Gustorff,B., Gore,O., Adel,S., Hoerauf,K.  
Transcutaneous electrical nerve stimulation reduces acute low back pain during emergency transport

Bertelsmann Stiftung

Gesundheitspfad Rücken, Innovative Konzepte zur Verbesserung der Versorgung von Patienten mit Rückenschmerzen. Gütersloh, Juni 2007, www.bertelsmann-stiftung.de

Berthele,A.

Polymorphismen des COMT – Gens: Was ist wirklich dran?

Schmerz 21 (2007)Suppl., 13

+Berthelot,J.M.

Labat,J.J., le Goff,B., Gouin,F., Maugars,Y.

Provocative sacroiliac joint maneuvers and sacroiliac joints blocks are unreliable for diagnosing sacroiliac joint pain

Joint Bone Spine 73 (2006)17 – 23

+Bertolo,A.

Baur,M., Aebli,N., Ferguson,S.J., Stoyanov,J.

Physiological testosterone levels enhance chondrogenic extracellular matrix synthesis by male intervertebral disc cells in vitro, but not by mesenchymal stem cells

Spine J 14 (2014)455 - 68

Berven,S.

Smith,A., Bozic,K., Bradford,D.S.

Pay-for-performance: Considerations in application to the management of spinal disorders

Spine 32 (2007) Suppl zu Nr. 11: S33 - 8

+Beske,F.

Auswirkungen der demographischen Entwicklung

Arzt Krankenh 10 (2009)302 – 6

+Bess,S.

Boachie-Adjei,O., Buton,D., Cunningham,M., Shaffrey,C., Shelokov,A., Hostin,R., Schwab,F., Wood,K., Akbamia,B.

Pain and disability determine treatment modality for older patients with adult scoliosis, while deformity guides treatment for younger patients

Spine 34 (2009)2186 - 90

+Besse,D.

Lombard,M.C., Besson,J.M.

Autoradiographic distribution of mu, delta und kappa opioid binding sites in the superficial dorsal horn, over the rostrocaudal axis in the rat spinal cord

Brain Res 548 (1991)281 – 91

+Besson,J.M.

Chaouch,A.

- Descending serotonergic systems  
Pain Headache 9 (1987)64 – 100
- +Besson,M.  
Matthey,A., Daali,Y., Poncet,A., Vuillemier,P., Curatolo,M., Zeilhofer,H.U., Desmeules,J.  
GABAergic modulation in central sensitization in humans: a randomized placebo-controlled pharmacokinetic-pharmacodynamic study comparing clobazam with clonazepam in healthy volunteers  
Pain 156 (2015)379 - 404
- +Bester,H.  
Menedez,L., Besson,J.M., Bernard,J.F.  
Spino(trigemino)parabrachiohypothalamic pathway: electrophysiological evidence for an involvement in pain processes  
J Neurophysiol 73 (1995)568 -85
- +Betz,M.  
Burgstaller,J.M., Held,U., Andreisek,G., Steurer,J., Porchet,F., Farshad,M.  
Influence of paravertebral muscle quality on treatment efficacy of epidural steroid infiltration or surgical decompression in lumbar spinal stenosis – analysis of the lumbar spinal outcome study (LSOS) data. A Swiss prospective multicenter cohort study  
Spine 42 (2017)1792 - 8
- +Beurskens,A.J.H.M.  
de Vet,H.C.W., Koke,A.J.A.  
Responsiveness of functional status in low back pain: a comparision of different instruments  
Pain 65 (1996)71 – 6
- Beutler,W.J.  
Fredrickson,B.F., Murtland,A. et al.  
The natural history of spondylolysis and spondylolisthesis: 45-year follow-up evaluation  
Spine 28 (2003)1027 – 35 (zit. Transfeldt & Mehbod, 2007)
- Bevan,S.  
Quadrello,T., McGee,R., Mahdon,M., Vavrovsky,A., Barham,L.,  
Fit for work?Musculoskeletal disorders in the European workforce: fit for work Europe  
The Work Foundation, 2009 (so zit. Hartvigsen, 2013)-

- Bevan,S.  
Storey,N.  
Modulation of sodium channels in primary afferent neurons  
Novartis Found Symp 241 (2002)144 – 53 (zit. Reichling et al., 2013)
- +Bevan,S.  
Yeats,J.  
Protone activates a cation conductance in a sub-population of rat dorsal root ganglion neurones  
J Physiol 433 (1991)145 – 61
- +Beyer,L.  
Theoretische Grundlagen der Verkettung von Symptomen in der manuellen Medizin. Ganzheitliches Denken in Funktionsketten  
Manuelle Med 41 (2003)268 - 71
- +Beyer,L.  
Stabilität und Instabilität der Wirbelsäule im Alter  
Manuelle Med 42 (2004)418 - 20
- +Beyer,L.  
Das tonische motorische System als Zielorgan manueller Behandlungstechniken  
Manuelle Med 47 (2009)99 – 106
- +Beyer,L.  
Zur reflektorischen Kontrolle des Rumpfes bei externen Störungen im aufrechten Stand  
Manuelle Med 48 (2010)279 - 80
- +Beyer,L.  
Manuelle Medizin in Leitlinien zur Behandlung von Rückenschmerz  
Manuelle Med 53 (2015)263
- +Beyer,L.  
Chronische Rückenschmerzen und sensomotorische Kontrolle  
Manuelle Med 57 (2019)116 - 21
- +Beyer,L.  
Funktionsmedizin am Bewegungssystem. Arbeitsbericht der Gruppe „Funktionskrankheiten“ der Ärztevereinigung für Manuelle Medizin (ÄMM)  
Manuelle Med 58 (2020)273 - 5
- +Beyer,L.  
Rückenschmerzen infolge viszeralchirurgischer Operationen  
Manuelle Med 59 (2021)207 – 8 doi.org/10.1007/s0037-021-00797-4
- +Beyer,L.  
3-D-Analyse: Muskelenergie und Rückenschmerzen

Manuelle Med 59 (2021a )307-8 doi.org/10.1007/s0037-021-00820-8

+Beyer,L.

Liefring,V., Niemier,K., Seidel,E.

Funktionsstörungen im Bewegungssystem – ihre Bedeutung in Prävention, Kuration und Rehabilitation. Thesen der AG „Funktionskrankheiten“ – Suche nach einem fachübergreifenden Konsens

Manuelle Med 57 (2019)447 - 50

+Beyer,W.F.

Therapie: Geht es auch unimodal?

Schmerz 21 (2007)Suppl., 45

+Beyer,W.F.

SIG-Dysfunktion. Dichtung und Wahrheit

Manuelle Med 50 (2012)293 - 6

+Beyera,G.K.

O'Brian,J., Campbell,S.

Health-care utilization for low back pain: a systematic review and meta-analysis of population-based observational studies

Rheum Int 39 (2019)1663 - 79

+Beyerman,K.L.

Palmerino,M.B.; Zohn,L.E., Kane,G.M., Foster,K.A.

Efficacy of treating low back pain and dysfunction secondary to osteoarthritis: chiropractic care compared with moist heat alone

J Manipulative Physiol Ther 29 (2006)107 – 14

+Beynon,A.M.

Hebert,J.J., Lebouef-Yde,C., Walker,B.F.

Potential risk factors and triggers for back pain in children and young adults. A scoping review, part II: unclear or mixed types of back pain

BMC Musculoskel Disord 27 (2019)61

+Bezzi,P.

Carmignoto,G., Pasti,L., Vesce,S., Rossi,D., Rizzini,B.L., Pozzan,T., Volterra,A.

Prostaglandins stimulate calcium-dependent glutamate release in astrocytes

Nature 391 (1998)281 – 5

+Bhardwaj,A.

Aggarwal,B.B.

Receptor-mediated choreography of life and death

J Clin Immunol 23 (2003)317 – 32

+Bhat,N.R.

Zhang,P., Lee,J.C., Hogan,E.L.

Extracellular signal-regulated kinase and p38 subgroups of mitogen-activated protein kinases regulate inducible nitric oxide synthase and tumor necrosis factor alpha gene expression in endotoxin-stimulated primary glial cultures

J Neurosci 18 (1998)1633 – 41

+Bhave,G.

Karim,F., Carlton,S.M., Gereau,4<sup>th</sup> R.W.

Peripheral group I metabotropic glutamate receptors modulate nociception in mice

Nat Neurosci 4 (2001)417 – 23

+Bialosky,J.E

George,S.Z., Horn,M.E., Price,D.D., Staud,R., Robinson,M.E.

Spinal manipulative therapy – specific changes in pain sensitivity in individuals with low back pain

J Pain 15 (2014)136 – 48

Bialoszewski,D.

Bebelski,M., Lewandowska,M., Slupik,A.

Utility of craniosacral therapy in treatment of patients with non-specific low back pain. Preliminary report

Orthop Traumatol Rehab 16 (2014)605 – 15  
doi.org/10.5604/15093492.1135120

+Bian,D.

Nichols,M.L., Ossipov,M.H., Lai,J., Porreca,F.

Characterization of the antiallodynic efficacy of morphine in a model of neuropathic pain in rats

Neuroreport 6 (1995)1981 – 4

+Bibl,D.

Klingler,D., Bergmann,W.

Monoradikuläre, lumbosakrale Wurzelkompressionssyndrome im Längsschnitt: Eine Korrelation der Schmerzen und neurologischen Ausfälle mit den Ergebnissen der lumbalen Computertomographie

Schmerz 8 (1994)175 – 82

+Bible,J.E.

Choemprayong,N., O'Neill,K.R., Devin,C.J., Spengler,D.M.

Whole body vibration: is there a causal relationship to specific imaging findings of the spine?

Spine 37 (2012)E1348 – 55

- +Bible,J.E. Kay,H.E., Shau,D.N., O'Neill,K.R., Segebarth,P.B., Devin,C.J.  
What patient characteristics could potentially affect patient satisfaction scores during spinae clinic?  
Spine 40 (2015)1039 - 44
- +Bible,J.E. Simpson,A.K., Emerson,J.W., Biswas,D., Grauer,J.N.  
Quantifying the effects of degeneration and other patient factors on lumbar segmental range of motion using multivariate analysis  
Spine 33 (2008)1793 - 9
- +Bicket,M.C. Cohen,S.P.  
Lidocaine infusions and preventative analgesia: can the answer to our prayers be hiding right under our noses? (commentary)  
Pain 159 (2018)1677 – 8
- +Bicket,M.C. Horowitz,J.M., Benzon,H.T., Cohen,S.P.  
Epidural injections in prevention of surgery for spinal pain: systematic review and meta-analysis of randomized controlled trials  
Spine J 15 (2015)348 - 62
- +Bid,D.D. Soni,N.C., Yadav,A.S., Rathod,P.V.  
The effects of McKenzie exercises in chronic nonspecific low back pain patients with central sensitization  
Physiotherapy (Ind) 12 (2018)1: 37 - 42
- +Biedermann,H. Zur Diskussion gestellt: Die Zervikolumbalgie  
Manuelle Med 30 (1992)20 - 5
- +Biedermann,H. Interaktion von HWS mit Kau- und Kieferapparat: Diagnostische Anhaltspunkte und klinische Muster  
Manuelle Med 45 (2007)247 – 54
- +Biedermann,H.J. de Foa,J.L., Forrest,W.  
Muscle fiber directions of iliocostalis and multifidus: male – female differences  
J Anat 179 (1991)163 – 7
- +Bienek,K. Marnitz,U., Seidel,W., Seifert,C., von Pickardt,B., Lindena,G.

Interdisziplinär-multimodales sektorenübergreifendes Assessment und bedarfsorientierte Steuerung für Patienten mit Rückenschmerzen. Prospektive Evaluation eines neuen Versorgungsprojekts

Schmerz 33 (2019)116 - 27

+Bienek,K.

Marnitz,U., Seidel,W., Seifert,C., von Pickardt,B., Lindena,G.

Interdisziplinär-multimodales sektorenübergreifendes Assessment und bedarfsorientierte Steuerung für Patienten mit Rückenschmerzen. Prospektive Evaluation eines integrierten Versorgungsprojekts

Schmerz 33 (2019a)158 - 68

+Biering-Sorensen,F.

A one-year prospective study of low back trouble in a general population: the prognostic value of low back history and physical measurements

Dan Med Bull 31 (1984)362- 75

+Biering-Sorensen,F.

Physical measurements as risk indicators for low back trouble over a one-year period

Spine 9 (1984)106 – 19

+Biering-Sorensen,F.

Hansen,F.R., Schroll,M., Runeborg,O.

The relation of spinal x-ray to low back pain and physical activity among 60-year old men and women

Spine 10 (1985)445 – 51

+Biering-Sorensen,F.

Thomsen,C.E., Hilden,J.

Risk indicators for low back trouble

Scand J Rehabil Med 21 (1989)151 – 7

+Bigland-Ritchie,B.R.

Dawson,N.J., Johansson,R.S., Lippold,O.C.J.

Reflex origin for the slowing of motoneurone firing rates in fatigue of human voluntary contractions

J Physiol 379 (1986)451 – 9

+Biglarian,A.

Seifi,B., Bakhshi,E., Mohammad,K., Rahgozar,M., Karimlou,M., Serahati,S.

Low back pain prevalence and associated factors in Iranian population: findings from the national health survey

Pain Res Treat (2012) Art.-ID: 653060

- +Bigos,S.J. Battie,M.C., Spengler,D.M., Fisher,L.D., Fordyce,W.E., Hansson,T., Nachemson,A.L., Zeh,J.  
A longitudinal, prospective study of industrial back injury reporting  
*Clin Orthop Rel Res* 279 (1992)21 – 34
- +Bigos,S.J. Boyer,O.R., Braen,G.R., Brown,K., Deyo,R., Haldeman,S., Hart,J.L., Johnson,E.W., Keller,R., Kido,D., Liang,M.H., Nelson,R.M., Nordin,M., Owen,B.O., Pope,M.H., Schwartz,R.K., Steward,D.H., Susman,J., Triano,J.J., Tripp,L.C., Turk,D.C., Watts,C., Weinstein,J.N.  
Clinical practice guideline number 14: Acute low back problems in adults  
Rockville, MD, Agency for Health Care policy and Research, Public Service, US Department of Health and Human Services, 1994, 65 – 0642 (Leihexemplar Bibl.)
- +Bigos,S.J. Holland,J., Holland,C., Webster,J.S., Battie,M., Malmgreen,J.A.  
High-quality controlled trials on preventing episodes of back problems: systematic literature review in working-age adults  
*Spine J* 9 (2009)147 - 69
- +Bigos,S.J. McKee,J.E., Holland,J.P., Hildebrandt,J.  
Rückenschmerz, die unangenehme Wahrheit. Ein Problem von Überzeugung und Aktivität  
*Schmerz* 15 (2001)430 – 4
- +Bijur,P.E. Esses,D., Birnbaum,A., Chang,A.K., Schechter,C., Gallagher,E.J.  
Response to morphine in male and female patients: Analgesia and adverse events  
*Clin J Pain* 24 (2008)192 – 8
- Bikbov,M.M. Kazakbaeva,G.M., Zainullin,R.M., Salavatova,V.F., Gilmanchin,T.R., Arslangareeva,I.I., Nikitin,N.A., Mukhamadieva,S.R. und weitere 8 Autoren  
Prevalence and factors associated with low back pain, thoracic spine pain and neck pain in Bashkortostan, Russia: the Ural eye and medical study  
*BMC Musculoskel Disord* 21 (2020)1  
[doi.org/10.1186/s12891-020-3080-4](https://doi.org/10.1186/s12891-020-3080-4)
- + Billis,E.V. Foster,N.E., Wrigth,C.C.

- Reproducibility and repeatability: errors of three groups of physiotherapists in locating spinal levels by palpitation  
Manual Ther 8 (2003)223 – 32  
+Billis,E.  
McCarthy,G., Oldham,J.,  
Subclassification of low back pain: a cross-country comparison  
Eur Spine J 16 (2007)865 – 79
- +Binder,A.  
Baron,R.  
Mechanism-based therapy for neuropathic pain – a concept in danger?  
Pain 156 (2015)2113 - 4
- +Binder,A.  
Baron,R.  
Pharmakotherapie chronischer neuropathischer Schmerzen  
Dt Ärztebl 113 (2016)616 - 26
- +Binder,D.S.  
Nampiaparampil,D.E.  
The provocative lumbar facet joint  
Curr Rev Musculoskelet Med 2 (2009)15 – 24
- +Bingel,U  
Mechanismen der endogenen Schmerzmodulation am Beispiel der Placeboanalgesie. Befunde aus der funktionellen Bildgebung  
Schmerz 24 (2010)122 - 9
- +Bingel,U.  
Herken,W., Teutsch,S., May,A.  
Habituation to painful stimulation involves the antinociceptive system – a 1-year follow-up of 10 participants  
Pain 140 (2008)393 - 4
- +Bingel,U.  
Rose,M., Gläscher,J., Büchel,C.  
fMRI reveals how pain modulates visual object processing in the ventral visual stream  
Neuron 55 (2007)157 – 67
- Bingel,U.  
Schoell,E., Herken,W., Büchel,C., May,A.

- Habituation to painful stimulation involves the antinociceptive system  
Pain 131 (2007)21 - 30
- +Binkley,J.  
Stratford,P.W., Gill,C.  
Inter-rater reliability of lumbar accessory motion mobility testing  
Phys Ther 75 (1995)786 – 95
- +Binkley,J.M.  
Stratford;P.W., Lott,S.A., Riddle,D.L.  
The lower extremity functional scale (LEFS): scale development, measurement properties, and clinical application. North American Orthopaedic Rehabilitation Research Network  
Phys Ther 79 (1999)371 – 83
- +Binning,A.  
Nimesulide in the treatment of postoperative pain: a double-blind, comparative study in patients undergoing arthroscopic knee surgery  
Clin J Pain 23 (2007)565 - 70
- Biot,B.  
Pendrix,D.  
Fréquence de la scoliose lombaire a l'âge adulte  
Ann Med Phys 25 (1982)251 – 4 (zit. Schwab et al., 2006)
- +Birbara,C.A.  
Puopolo,A.D., Munoz,D.R., Sheldon,E.A., Mangione,A., Bohidar,N.R., Geba,G.P.  
Treatment of chronic low back pain with etoricoxib, a new cyclo-oxygenase-2 selective inhibitor: improvement in pain and disability – a randomized, placebo-controlled, 3-month trial  
J Pain 4 (2003)307 – 15
- +Birch,I.  
Graven-Nielsen,T., Christensen,H., Arendt-Nielsen,L.  
Experimental muscle pain modulates muscle activity and work performance differently during high and low precision use of a computer mouse  
Eur J Appl Physiol 83 (2000)492 – 8
- +Birket-Smith,M.  
Somatization and chronic pain  
Acta Anaestesiol Scand 45 (2001)1114 - 20

- +Birkmeyer,N.J. Weinstein,J.N., Tosteson,A.N., Tosteson,T.D., Skinner,J.S., Lurie,J.D., Deyo,R., Wennberg,J.E.  
Design of the Spine Patient Outcomes Research Trial (SPORT)  
Spine 27 (2002)1361 – 72
- +Birknes,J.K. White,A.P., Albert,T.J., Shaffrey,C.I., Harrop,J.S.  
Adult degenerative skoliosis: a review  
Neurosurgery 63 (2008)94 – 103
- +Birnie,K.A. McGrath,P.J., Chambers,C.T.  
When does pain matter? Acknowledging the subjectivity of clinical significance  
Pain 153 (2012)2311 - 4
- +Bishop,A. Foster,N.E., Thomas,E., Hay,E.M.  
How does the self-reported clinical management of patients with low back pain relate to the attitudes and beliefs of health care practitioners? A survey of UK general practitioners and physiotherapists  
Pain 135 (2008)187 - 95
- +Bishop,A. Thomas,E., Foster,N.E.  
Health care practitioners' attitudes and beliefs about low back pain: A systematic search and critical review of available measurement tools  
Pain 132 (2007)91 – 101
- +Bishop,F.L. Dima,A.L., Ngu,J., Little,P., Moss-Morris,R., Foster,N.E., Lewith,G.T.  
“Lovely pie in the sky plans”: A qualitative study of clinicians' perspectives on guidelines for managing low back pain in primary care in England  
Spine 49 (2015a)1842 - 15
- +Bishop,F.L. Yardley,L., Prescott,P., Cooper,G., Little,P., Lewith,G.T.  
Psychological covariates of longitudinal changes in back-related disability in patients undergoing acupuncture  
Clin J Pain 31 (2015)254 - 64
- +Bishop,F.L. Yardley,L., Cooper,C., Little,P., Lewith,G.

- Predicting adherence to acupuncture appointments for low back pain: a prospective observational study  
BMC Complement Altern Med 17 (2017)5  
+Bishop,K.L.  
Ferraro,F.R., Borowiak,D.M.  
Pain management in older adults: role for fear avoidance  
Clin Gerontologist 23 (2001)33 – 42  
+Bishop,M.D.  
Horn,M.E., George,S.Z.  
Exercise-induced pain intensity predicted by pre-exercise fear of pain and pain sensitivity  
Clin J Pain 27 (2011)398 – 404  
+Bishop,M.D.  
Horn,M.E., Lott,D.L., Arpan,I., George,S.Z.  
Magnitude of spinal muscle damage is not statistically associated with exercise-induced low back pain intensity  
Spine J 11 (2011a)1135 - 42  
+Bishop,P.B.  
Quon,J.A., Fisher,C.G., Dvorak,M.F.  
The chiropractic hospital-based interventions research outcomes (CHIRO) study: a randomized controlled trial on the effectiveness of clinical practice guidelines in the medical and chiropractic management of patients with acute mechanical lower back pain  
Proceedings of the 25<sup>th</sup> annual meeting of the North American Spine Society, Orlando, FL, 2010  
Spine J 10 (2010)9S: 33S – 34S  
+Bishop,P.B.  
Quon,J.A., Fisher,C.G., Dvorak,M.F.  
The chiropractic hospital-based interventions research outcomes (CHIRO) study: a randomized controlled trial on the effectiveness of clinical practice guidelines in the medical and chiropractic management of patients with acute mechanical lower back pain  
Spine J 10 (2010a)1055-64  
(-)Bishop,P.B.  
Wing,P.C.  
Compliance with clinical practice guidelines in family physicians managing workers compensation board's patients with acute lower back pain  
Spine J 3 (2003)442 – 50 (zit. Slade et al., 2016)

- +Bishop,P.B. Wing,P.C.  
 Knowledge transfer in family physicians managing patients with acute low back pain: a prospective randomized control trial  
*Spine J* 6 (2006)282 – 8
- Biurrun Manresa,J.A. s. Manresa,J.A.B.
- +Björck-van Dijken,C. Fjellman-Wiklund,A., Hildingsson,C.  
 Low back pain, lifestyle factors and physical activity: a population based study  
*J Rehabil Med* 40 (2008)864 – 9
- +Bjordal,J.M. Time for a paradigm shift in pain treatment: Reassessing transcutaneous electrical nerve stimulation (TENS). Commentary  
*Pain* 152 (2011)1213 - 4
- +Björklund,K. Naessen,T., Nordström,M.L., Bergström,S.  
 Pregnancy related back and pelvic pain and changes in bone density  
*Acta Obstet Gynecol Scand* 78 (1999)681 – 5
- +Bjorland,S. Roe,C., Moen,A., Schistad,E., Mahmood,A., Gjenstad,J.  
 Genetic predictors of recovery inlow back and lumbar radicular pain  
*Pain* 158 (2017)1456 - 60
- +Bjurstrom,M.F. Giron,S.E., Griffis,C.A.  
 Cerebrospinal fluid cytokines and neurotrophic factors in human chronic pain populations: a comprehensive review  
*Pain Pract* 16 (2016)183 - 203
- BKK BKK-Bundesverband, Krankheitsartenstatistik 2001/2002, Essen, 2003 (zit. Kohlmann,T., Schmidt,C.O.: Epidemiologie des Rückenschmerzes; in Hildebarnd,J., Müller,G., Pfingsten,M. (Hrsg.): Lendenwirbelsäule: Elsevier, Urban & Fischer, München, 2004)
- BKK BKK Bundesverband (Hrsg.): BKK Gesundheitsreport 2008, Essen, BKK Bundesverband (2008), S 1 – 4 (zit. Fleischhauer & Krebs, 2014)
- BKK Gesundheitsreport 2013

- +Black,S.A. Managing a male golfers low back and sacroiliac joint pain using manual therapy and therapeutic exercises to avoid surgery and continue scratch level play  
J Phys Ther Sports Med 2 (2018)1: 33 - 9
- +Blaettner,T. Thoden,U.  
Schmerzen und Funktionsstörungen des Iliosakralgelenks bei Bandscheibenvorfällen der unteren Lendenwirbelsäule  
Schmerz 6 (1992)192 – 5
- +Blaettner,T. Thoden,U  
Schmerzen und Funktionsstörungen der Lendenwirbelsäule bei lumbalen Bandscheibenvorfällen  
Schmerz 6 (1992a)251 - 4
- +Blake,R.L. Ferguson,B.  
Limb length discrepancies  
J Am Podiatr Med Assoc 82 (1991)10 – 3
- +Blanco,J.F. Graciani,I.F., Sanchez-Guijo,F.M., Muntion,S., Hernandez-Campio,P., Santamaria,C. und weitere 8 Autoren  
Isolation and characterization of mesenchymal stromal cells from human degenerated nucleus pulposus. Comparison with bone marrow mesenchymale stromal cells from the same subject  
Spine 35 (2010)2259 - 65
- +Blanda,J. Bethem,D., Moats,W., Lew,M.  
Defects of pars interarticularis in athlets: a protocol for nonoperative treatment  
J Spinal Disord 6 (1993)406 – 11
- +Blank,M. Goodman,R.  
Initial interactions in electromagnetic in electromagnetic field-induced biosynthesis  
J Cell Physiol 199 (2004)359 – 63
- Blank,M. Goodman,R.

- Comment: a biological guide for electromagnetic safety: the stress response  
Bioelectromagnetics 25 (2004)642 – 6, discussion 647 – 8  
(zit. Harden et al., 2007)
- +Blankenbaker,D.G.  
Haughton,V.M., Rogers,B.P., Meyerand,M.E., Fine,J.P.  
Axial rotation of the lumbar spinal motion segments correlated with concordant pain on discography: a preliminary study  
Am J Roentgenol 186 (2006)795 – 9
- +Blaser-Sziede,R.  
Hilfiker,R., Heynen,S., Meichtry,A.  
Triggerpunkttherapie und Bewegungskontrolle bei Rückenschmerzen. Eine Fallserie  
Manuelle Med 51 (2013)395 - 401
- +Blazer,D.G.  
Kessler,R.C., McGonagle,K.A., Swartz,M.S.  
The prevalence and distribution of major depression in a national community sample: the national community sample: the National Comorbidity Survey  
Am J Psychiatry 15 (1994)979 – 86
- +Bleakman,D.  
Alt,A., Nisenbaum,E.S.  
Glutamat receptors and pain  
Semin Cell Dev Biol 17 (2006)592 – 604
- +Blenis,J.  
Hawkes,S.P.  
Characterisation of a transformation-sensitive protein in the extracellular matrix of chicken embryo fibroblasts  
J Biol Chem 259 (1984)11563 – 70
- +Blesch,A.  
Lentiviral and MLV based retroviral vectors for ex vivo and in vivo gene transfer  
Methods 33 (2002)164 – 22
- +Bletzer,J.  
Gantz,S., Voigt,T., Neubauer,E., Schiltenwolf,M.  
Chronische untere Rückenschmerzen und psychische Komorbidität. Eine Übersicht  
Schmerz 31 (2017)93 - 101
- +Blikra,G.  
Intradural herniated lumbar disc

- J Neurosurg 31 (1969)676 – 9
- +Bliss,T.V.P.
- Collingridge,G.L.
- A synaptic model of memory: long-term potentiation in the hippocampus
- Nature 361 (1993)31 – 9
- +Blom,A.B.
- van Lent,P.L.E.M., Holthuysen,A.E.M., van der Kraan,P.M., Roth,J., van Rooijen,N., van den Berg,W.B.
- Synovial lining macrophages mediate osteophyte formation during experimental osteoarthritis
- Osteoarthritis Cartilage 12 (2004)627 – 35
- +Blomberg,S.
- Hallin,G., Grann,K., Berg,E., Sennerby,U.
- Manual therapy with steroid injections – a new approach to treatment of low back pain. A controlled multi-centre trial with an evaluation by orthopaedic surgeons
- Spine 19 (1994)569 – 577
- Blomberg,S.
- Tibblin,G.
- A controlled multicenter trial of manual therapy with steroid injections in low back pain: functional variables, side effects and complications during four month of follow up
- Clin Rehabil 7 (1993)49 – 62 (zit. Woodhead & Clough, 2006)
- Blomberg,S.
- Svardsudd,K., Tibblin,G,
- A controlled multicenter trial of manual therapy in back pain
- Scand J Prim Health Care 10 (1992)170 – 8 (zit Koes et al., 1996)
- Blomberg,S.
- Svardsudd,K., Tibblin,G,
- Manual therapy with steroid injections in low back pain: improvement of quality of life in a controlled trial with four month follow-up
- Scand J Prim Health Care 11 (1993)83 – 90
- Blum,C.L.
- R + C factors and scro occipital technique orthopedic blocking: a pilot study using pre and post VAS assessment
- J Can Chiropr Ass 59 (2015)2: 134 – 42 (zit. Reinhardt, 2019)
- +Blumberg,H.
- Conklin,D., Xu,W.F., Grossmann,A., Brender,T., Carollo,S. und weitere 20 Autoren

- Interleukin-20: discovery, receptor identification, and role in epidermal function  
Cell 104 (2001)9 – 19
- +Blumenstiel,K.  
Gerhard,A., Rolke,R., Bieber,C., Tesarz,J., Friederich,H.C., Eich,W., Treede,R.D.
- Quantitative sensory testing profiles in chronic back pain are distinct from those in fibromyalgia  
Clin J Pain 27 (2011)682 - 90
- +Blumenthal,S.  
Dullenkopf,A., Rentsch,K., Borgeat,A.
- Continuous infusion of ropivacaine for pain relief after iliac crest bone grafting for shoulder surgery  
Anesthesiology 102 (2005)392 – 7
- +Blyth,F.M.  
March,L.M., Nicholas,M.K., Cousins,M.J.
- Chronic pain, work performance and litigation  
Pain 103 (2003)41 – 7
- +Boada,M.D.  
Martin,T.J., Peters,C.M., Hayashida,K., Harris,M.H., Houle,T.T., Boyden,E.S., Eisenach,J.C., Ririe,D.C.
- Fast-conducting mechanoreceptors contribute to withdrawal behaviour in normal and nerve injured rats  
Pain 155 (2014)2646 - 55
- +Boal,R.W.  
Gillette,R.G.
- Central neuronal plasticity, low back pain and spinal manipulative therapy  
J Manipulative Physiol Ther 27 (2004)314 - 26
- +Boardman,P.L.  
Hart,F.D.
- Clinical measurement of the antiinflammatory effects of salicylates in rheumatoid arthritis  
Br Med J (1967)4: 264 – 8
- +Bobinski,F.  
Ferreira,T.A.A., Cordova,M.M., Dombrowski,P.A., da Cunha,C., do Esperito Santo,C.C., Poli,A., Pires,R.G.W., Martins-Silva,C., Slika,K.A., Santos,A.R.S.
- Role of brainstem serotonin in analgesia produced by low-intensity exercise on neuropathic pain after sciatic nerve injury in mice

Pain 156 (2015)2595 - 2606

+Bobinski,F.

Martins,D.F., Bratti,T., Mazzardo-Martins,L., Winkelmann-Duarte,E.C., Guglielmo, L.G., Santos,A.R.

Neuroprotective and neuroregenerative effects of low-intensity aerobic exercise on sciatic nerve crush injury in mice

Neuroscience 194 (2011)337 – 48

+Bobinski,F.

Teixeira,J.M., Sluka,K.A., Soares Santos,A.R.

Interleukin-4 mediates the analgesia produced by low-intensity exercise in mice with neuropathic pain

Pain 159 (2018)437 - 50

+Boche,D.

Perry,V.H., Nicoll,J.A.

Review: activation patterns of microglia and their identification in the human brain

Neuropathol Appl Neurobiol 39 (2013)3 – 18

+Bodack,M.P.

Monteiro,M.,

Therapeutic exercises in the treatment of patient with lumbar stenosis

Clin Orthop Relat Res 384 (2001)144 – 52

+Boden,S.D.

2009 ISSLS presidential address. The three key questions

Spine 35 (2010)845 - 7

+Boden,S.D.

Davis,D.O., Dina,T.S., Patronas,N.J., Wiesel.,S.W.

Abnormal magnetic-resonance scans of the lumbar spine in asymptomatic subjects. A prospective investigation

J Bone Joint Surg Am 72 (1990)403 – 8

+Boden,S.D.

Riew,K.D., Yamaguchi,K., Branch,T.P., Schellinger,D., Wiesel,S.W.

Orientation of the lumbar facet joints: association with degenerative disc disease

J Bone Joint Surg Am 78 (1996)403 – 11

+Boden,S.D.

Wiesel,S.W.

Lumbosacral segmental motion in normal individuals. Have we been measuring instability properly?

Spine 15 (1990)571 – 6

Bodes Pardo,G.

Lluch Girbes,E., Roussel,N.A., Gallego Izquierdo,T., Jimenez Penick,V., Pecos Martin,D.

Pain neurophysiology education and therapeutic exercise for patients with chronic low back pain : a single-blind randomized controlled trial

Arch Phys Med Rehab (2017)

doi.10.1016/j.apmr.2017.10.016 (Internetzugriff 31.1.2018)

Boe Dissing

siehe Dissing,K.B.

+Boersma,K.

Linton,S., Overmeer,T, Jansson,M., Vlaeyen,J., de Jong,J.

Lowering fear-avoidance and enhancing function through exposure in vivo. A multiple baseline study across six patients with back pain

Pain 108 (2004)8 - 16

Boersma,K.

Linton,S.J.

Psychological processes underlying the development of a chronic pain problem: a prospective study of the relationship between profiles of psychological variables in the fear-avoidance model and disability

Clin J Pain 22 (2006)160 -6

+Boersma,K.

Södermark,M., Hesser,H., Fink,I.K., Gerdie,B., Linton,S.J.

Efficacy of a transdiagnostik emotion-focused exposure treatment for chronic pain patients with comorbid anxiety and depression: a randomized controlled trial

Pain 160 (2019)1708 - 18

+Boesler,D.

Warner,M., Alpers,A., Finnerty,E.P., Kilmore,M.A.

Efficacy of high-velocity low-amplitude manipulative technique in subjects with low-back pain during menstrual cramping

JAOA 93 (1993)203 - 14

+Boettger,M.C.

Ücetyl,N., Zelenka,M., Schmitt,A., Reif,A., Chen,Y., Sommer,C.

Differences in inflammatory pain in nNOS-, iNOS- and eNOS-deficient mice

Eur J Pain 11 (2007)810 -8

- +Boettger,M.K. Greiner,W., Rachow,T., Brühl,C., Bär,K.J.  
Sympathetic skin response following painful electrical stimulation is increased in major depression  
*Pain* 149 (2010)130 – 4
- +Boettger,M.K. Schwier,C., Bär,K.J.  
Sad mood increases pain sensitivity upon thermal grill illusion stimulation: implications for central pain processing  
*Pain* 152 (2011)123 - 30
- (+)Boff,T.A. Pasinato,F., Ben,A.J., Bosmans,J.E., van Tulder,M., Carregaro,R.L.  
Effectiveness of spinal manipulation and myofascial release compared with spinal manipulation alone on health-related outcomes in individuals with non-specific low back pain: randomized controlled trial  
*Physiother* (2019) pre-press, Zugriff 7.12.2019; doi.org/10.1016/j.physio.2019.11.02
- +Bogduk,N. “Rhizolysis” and low back pain  
*Med J Aust* (1977)504
- +Bogduk,N. A reappraisal of the anatomy of the human lumbar erector spinae  
*J Anat* 131 (1980)525 – 40
- +Bogduk,N. Lumbar dorsal ramus syndrome  
*Med J Aust* 2 (1980)537 – 41
- +Bogduk,N. The innervation of the spine  
*Spine* 8 (1983)286 – 93
- +Bogduk,N. Die Schmerzpathologie der lumbalen Bandscheibe (Übersetzung aus *J Man Med* 5 (1990)72 – 9)  
*Manuelle Med* 30 (1992)8 – 16
- +Bogduk,N. Commentary  
*Pain Med J Club J* 4 (1998)225 - 6
- Bogduk,N. Clinical anatomy of the lumbar spine and sacrum  
New York, London, Churchill Livingstone, 3<sup>rd</sup> ed. 1997

4<sup>th</sup> ed., Elsevier, Amsterdam, 2005. p. 183 - 6

Bogduk,N

International Spinal Injection Society guidelines for the performance of spinal injection procedures. Part I: Zygapophyseal joint blocks

Clin J Pain 13 (1997)285 – 302 (zit Cohen et al., 2007)

Bogduk,N.

Draft evidence based clinical guidelines for the management of low back pain. National Health and Medical Research Council. 2000, Australia

<http://www.health.gov.au:80/nhmrc/media/2000rel/pain.htm>

Bogduk,N.

Lumbar disc stimulation

In: Bogduk,N. ed.: Guidelines for spinal diagnostic and treatment procedures, San Francisco,CA, International Spine Intervention Society; 2004: 20 – 46 (zit. Itz et al., 2016)

-Bogduk,N.

Mechanisms of musculoskeletal pain

Australas J Musculoskelet Med (2006)1: 7 – 19 (so zit. McKay, 2008)

+Bogduk,N.

Evidence-informed management of chronic low back pain with facet injections and radiofrequency neurotomy

Spine J 8 (2008)56 – 64

+Bogduk,N.

On the definitions and physiology of back pain, referred pain, and radicular pain (topical review)

Pain 147 (2009)17 – 9

+Bogduk,N.

A cure for back pain? (Commentary)

Pain 149 (2010)7 - 8

-Bogduk,N.

Colman,R.R.S., Winer,C.E.R.

An anatomical assessment of the “percutaneous rhizolysis” procedure

Med J Aust 1 (1977)397 – 9 (zit. Bogduk, 2008)

+Bogduk,N.

Engel,R.

The menisci of the lumbar zygapophyseal joints: a review of their anatomy and clinical significance

Spine 9 (1984)454 – 60

- +Bogduk,N. Johnson,G., Spalding,D.  
The morphology and biomechanics of the latissimus dorsi  
Clin Biomech 13 (1998)377 – 85
- Bogduk,N. Karasek,M.  
Two-year follow-up of a controlled trial of intradiscal electrothermal annuloplasty for chronic low back pain resulting from internal disc disruption  
Spine J 2 (2002)343 – 50 (zit Urrutia et al., 2007)
- +Bogduk,N. Long,D.M.  
The anatomy of the so-called “articular nerves” and their relationship to facet denervation in the treatment of low back pain  
J Neurosurg 51 (1979)172 – 7
- +Bogduk,N. Long,D.M.  
Percutaneous lumbar medial branch neurotomy. A modification of facet denervation  
Spine 5 (1980)193 – 200
- +Bogduk,N. Macintosh,J.E.  
The applied anatomy of the thoracolumbar fascia  
Spine 9 (1984)164 – 70
- +Bogduk,N. Macintosh,J.E., Pearcy,M.J.  
A universal model of lumbar back muscles in the upright position  
Spine 17 (1992b)897 – 913
- Bogduk,N. McGuirk,B.  
Medical management of acute and chronic low back pain. An evidence-based approach.  
Amsterdam, Elsevier, 2002, p. 5 – 11 (zit. Bokduk, 2009)
- +Bogduk,N. Modic,M.T.  
Controversy. Lumbar discography.  
Spine 21 (1996)402 – 4

- +Bogduk,N. Munro,R.R.  
Posterior ramus-anterior ramus reflexes  
Aust Phys Pharm Soc 4 (1973)183 – 4
- +Bogduk,N. Munro,R.R.  
Dorsal ramus-ventral ramus reflexes in the cat and man  
J Anat 118 (1974)394
- +Bogduk,N. Pearcy,M., Hadfield,G.  
Anatomy and biomechanics of psoas major  
Clin Biomech 7 (1992a)109 – 19
- Bogduk,N Twomey,L.T.  
Clinical Anatomy of the Lumbar Spine and Sacrum, 2<sup>nd</sup> ed.  
1991, p.159 (zit. Phillips & Twomay, 1996), 3<sup>rd</sup> ed., London,  
Churchill Livingstone 1997, 33 – 41 (zit. Tachihara et al.,  
2007)
- +Bogduk,N. Tynan,W., Wilson,A.S.  
The nerve supply to the human lumbar intervertebral discs  
J Anat 132 (1981)39 – 56
- +Bogduk,N. Wilson,A.S., Tynan,W.  
The human lumbar dorsal rami  
J Anat 134 (1982)383 – 97
- +Böger,H. Schmidt,G.  
Analgetika. In: Schwabe, U., Paffrath,D. (Hrsg.)  
Arzneiverordnungsreport 2013, S.257 - 74  
Springer, Heidelberg, 2013a
- +Böger,H. Schmidt,G.  
Antirheumatika und Antiphlogistika. In: Schwabe, U.,  
Paffrath,D. (Hrsg.) Arzneiverordnungsreport 2013, S. 435 - 56  
Springer, Heidelberg, 2013
- +Bögler,O. Wren,D., Barnett,S.C., Land,H., Noble,M.

Cooperation between two growth factors promotes extended self-renewal and inhibits differentiation of oligodendrocyte-type-2 astrocyte (O-2A) progenitor cells

Proc Natl Acad Sci USA 87 (1990)6368 – 72

+Bohnert,A.S.B.

Ilgen,M.A., Trafton,J.A., Kerns,R.D., Eisenberg,A., Ganoczy,D., Blow,F.C.

Trends and regional variation in opioid overdose mortality among veterans health administration patients, fiscal year 2001 to 2009

Clin J Pain 30 (2014)605 - 12

+Böhni,U.

Vortrag auf der gemeinsamen Lehrertagung von FAC und DGOM, Boppard 29.1.2006

+Böhni,U.

Manuelle Medizin in Europa. European Society of Manual medicine ESOMM

Manuelle Med 47 (2009)401 - 2

+Böhni,U.

Gautschi,R.

Schmerz aus Muskeln und anderen tiefen somatischen Geweben

Manuelle Med 52 (2014)190 - 2002

+Böhni,U.W.

von Heymann,W., Locher,H., Habring,M.

Biomechanik und Dysfunktion. Wie mechanisch dürfen wir noch denken?

Manuelle Med 50 (2012)102 - 16

+Böhni,U.W.

von Heymann,W., Locher,H.

Manuelle Medizin und Osteopathie. Zum Verständnis der Begriffe aus naturwissenschaftlicher und berufspolitischer Sicht unter Integration des Komplexitätsbegriffs

Manuelle Med 51 (2013)302 - 6

+Boissoneault,J.

Penza,C.W., George,S.Z., Robinson,M.E., Bishop,M.D.

Comparison of brain structure between pain-susceptible and asymptomatic individuals following experimental induction of low back pain

Spine J 20 (2020)292 - 99

+Boix,F.

Roe,C., Rosenborg,L., Knardahl,S.

- Kinin peptides in human trapezius muscle during sustained isometric contraction and their relation to pain  
J Appl Physiol 98 (2005)534 – 40  
+Boix,F.  
Rosenborg,L., Hilgenfeldt,U., Knardahl,S.
- Contraction related factors affect the concentration of a kallidin-like peptide in rat muscle tissue  
J Physiol 544 (2002)127 – 36  
+Bolden,J.E.  
Peart,M.J., Johnstone,R.W.  
Anticancer activities of histone deacetylase inhibitors  
Nat Rev Drug Discov 5 (2006)769 – 84
- +Bolin,L.M.  
Verity,A.N., Silver,J.E., Shooter,E.M., Abrams,J.S.  
Interleukin-6 production by Schwann cells and induction in sciatic nerve injury  
J Neurochem 64 (1995)850 – 8
- +Boline,P.D.  
Haas,M., Meyer,J.J., Kassak,K., Nelson,C., Keating,J.C. Jr.  
Interexaminer reliability of eight evaluative dimensions of lumbar segmental abnormality: part II  
J Manipulative Physiol Ther 16 (1993)363 – 74
- +Bolten,W.  
Kempel-Waibel,A., Pforringer,W.  
Analyse der Krankheitskosten bei Rückenschmerzen  
Med Klinik 93 (1998)388 – 93
- +Bolton,J.E  
Breen,A.  
The Bouremouth Questionnaire: a short form comprehensive outcome measure.I: psychometric properties in back pain patients  
J Manipulative Physiol Ther 22 (1999)503 – 10
- +Bolton,P.S.  
Budgell,B.S.  
Spinal manipulation and spinal mobilization influence different axial sensory beds  
Med Hypotheses 66 (2006) 258 – 62
- +Bombardier,C.  
Outcome assessments in the evaluation of treatment of spinal disorders

- Spine 25 (2000)3100 – 3  
+Bombardier,C. Hayden,J., Beaton,D.E.  
Minimal clinically important difference. Low back pain:outcome measures  
J Rheumatol 28 (2001)431 – 8
- +Bonatesta,L. Ruiz-Cardenas,J.D., Fernandez-Azorin,L., Rodriguez-Juan,J.J.  
Pain science education plus exercise therapy in chronic nonspecific spinal pain: A systematic review and meta-analyses of randomized clinical trials  
J Pain (2021)12.12. 21 online ahead of print;  
[doi.org/10.1016/2021.09.006](https://doi.org/10.1016/2021.09.006)
- Bonci,A. Williams,J.  
Increased probability of GABA release during withdrawal from morphine  
J Neurosci 17 (1997)796 – 803 (zit Ballantyne & Sullivan, 2017)
- (+)Bond,B.M. Kinslow,C.D., Yoder,A.W., Liu,W.  
Effect of spinal manipulative therapy on mechanical pain sensitivity in patients with chronic nonspecific low back pain: a pilot randomized, controlled trial  
J Man Manipulat Ther online 5.3.2019  
[doi.org/10.1080/10669817.2019.1572986](https://doi.org/10.1080/10669817.2019.1572986)
- +Bond,C. LaForge,K.S., Tian,M., Melia,D., Zhang,S., Borg,L., Gong,J., Schluger,J., Strong,J.A., Leal,S.M., Tischfield,J.A., Kreek,M.J., Yu,L.  
Single-nucleotide polymorphism in the human mu opioid receptor gene alters beta-endorphin binding and activity: possible implications for opiate addiction  
Proc Natl Acad Sci USA 95 (1998)9608 – 13
- +Bonde,C. Sarup,A., Schousboe,A., Gegelashvili,G., Noraberg,J., Zimmer,J.  
GDNF pre-treatment aggravates neuronal cell loss in oxygen-glucose deprived hippocampal slice cultures: a possible effect of glutamate transporter up – regulation  
Neurochem Int 43 (2003)381 – 8

- +Bondy,B. Spaeth,M., Offenbaecker,M., Glatzeder,K., Stratz,T., Schwarz,M., de Jonge,S., Krüger,M., Engel,R.R., Färber,L., Pongratz,D.E., Ackenheil,M.
- The T102C polymorphism of the 5-HT2A receptor gene in fibromyalgia
- Neurobiol Dis 6 (1999)433 – 9
- +Boneschi,F.M. Colombo,B., Annovazzi,P., Martinelli,V., Bernasconi,L., Solaro,C., Corni,G.,
- Lifetime and actual prevalence of pain and headache in multiple sclerosis
- Mult Scler 14 (2008)514 – 21
- +Bongers,P.M. de Winter,C.R., Kompier,M.A.J., Hildebrandt,V.H.
- Psychosocial factors at work and musculoskeletal disease
- Scand J Work Environ Health 19 (1993)297 – 312
- +Bonin,R.P. Running from pain: mechanisms of exercise-mediated prevention of neuropathic pain (commentary)
- Pain 156 (2015)1585 - 6
- +Bonin,R.P. Labrakakis,C., Eng,D.C., Whissell,P.D., de konnincck,Y., Orser,B.A.
- Pharmacological enhancement of delta-subunit-containing GABA-A receptors that generate a tonic inhibitory conductance in spinal neurons attenuates acute nociception in mice
- Pain 152 (2011)1317 - 26
- +Bonnaire,F.C., Danalache,M., Sigwart,V.A., Breuer,W., Rolauffs,B., Hofmann,U.K.
- The intervertebral disc from embryonic development to disc degeneration: insights into spatial cellular organisation
- Spine J 21 (2021)1387 – 98  
[doi.org/10.1016/j.spinee.2021.04.015](https://doi.org/10.1016/j.spinee.2021.04.015)
- +Bonnet,A. Navateur,J.
- Electrodermal responses to words in chronic low back pain patients: a comparison between pain descriptors, other emotional words and neutral words
- Clin J Pain 22 (2006)686 – 91
- +Bonney,R. Corlett,E.

- Vibration and spinal lengthening in simulated vehicle driving  
Appl Ergon 34 (2003)195 – 200
- +Bono,C.M.  
Low back pain in athletes  
J Bone Joint Surg 86 (2004)382 – 96
- +Bono,C.M.  
Lee, C.K.  
Critical analysis of trends in fusion for degenerative disc disease over the past 20 years: influence of technique on fusion rate and clinical outcome  
Spine 29 (2004)455 – 63
- +Bonvini,J.M.  
Dullenkopf,A., Borgeat,A., Rentsch,K.  
Iliac crest donor site analgesia with ropivacaine infusion after autogenous bone graft  
Eur J Anaesthesiol 21 (2004)239 – 41
- +Boonen,A.  
van den Heuvel,R., van Tubergen,A., Goosens,M.,  
Severens,J.L., van der Heijde,D., van der Linden,S.  
Large differences in costs of illness and wellbeing between patients with fibromyalgia, chronic low back pain and ankylosing spondylitis  
Ann Rheum Dis 64 (2005)396 – 402
- +Boonstra,A.M.  
Schiphorst Preuper,H.R., Balk,G.A., Steward,R.E.  
Cut-off points for mild, moderate, and severe pain on the visual analogue scale for pain in patients with chronic musculoskeletal pain  
Pain 155 (2014)2545 - 50
- +Boos,N.  
Dreier,D., Hilfiker,E., Schade,V., Kreis,R., Hora,J., Aebi,M.,  
Boesch,C.  
Tissue characterisation of symptomatic and asymptomatic disc herniations by quantitative magnetic resonance imaging  
J Orthop Res 15 (1997)141 – 9
- +Boos,N,  
Nerlich,A.G., Wiest,I., von der Mark;K., Aebi,M.  
Immunolocalisation of type X collagen in human lumbar intervertebral discs during aging and degeneration  
Histochem Cell Biol 108 (1997a)471 – 80

- +Boos,N. Rieder,R., Schade,V., Spratt,K.F., Semmer,N., Aebi,M.  
1995 Volvo Award in clinical sciences: the diagnostic accuracy of magnetic resonance imaging, work perception, and psychosocial factors in identifying symptomatic disc herniations  
Spine 20 (1995)2613 – 25
- +Boos,N. Semmer,N., Elfering,A., Schade,V., Gal,I., Zanetti,M., Kissling,R., Buchegger,N., Hodler,J., Main,C.J.  
Natural history of individuals with asymptomatic disc abnormalities in magnetic resonance imaging: predictors of low back pain-related medical consultation and work incapacity  
Spine 25 (2000)1484 – 92
- +Boos,N. Wallin,A., Aebi,M., Boesch,C.  
A new magnetic resonance imaging analysis method for the measurement of disc height variations  
Spine 21 (1996)563 – 70
- +Boos,N. Weissbach,S., Rohrbach,H., Weiler,C., Spratt,K.F., Nerlich,A.G.  
. Classification of age-related changes in lumbar intervertebral discs: 2002 Volvo Award in basic science  
Spine 37 (2002)2631 – 44
- Boos,N. et al. Temporospatial distribution of blood vessels in human intervertebral discs  
Eur Spine J 2004 in press (zit. Nerlich et al., 2005)
- +Borckhard,J.J. Reeves,S.T., Frohmann,H., Madan,A., Jensen,M.P., Patterson,D., Barth,K., Smith,A.R., Gracely,R., George,M.S.  
Fast left prefrontal rTMS acutely suppresses analgesic effects of perceived controllability on the emotional component of pain experience  
Pain 152 (2011)182 - 7
- Bordoni,B. Marelli,F., Morabito,B., Sacconi,B.  
The indeterminable resilience of the fascial system  
J Integr Med 15 (2017)337 – 43 doi.org/10.1016/S2095-4964(17)60351-0 (zit. Bordoni et al., 2019)
- Bordoni,B. Marelli,F., Morabito,B., Castagna,R.

A new concept of biotensegrity incorporating liquid tissues:  
blood and lymph

J Evid Based Integr Med 23 (2018b)2515690-18792838,  
[www.ncbi.nlm.nih.gov/pmc/articles/PMC610753](https://www.ncbi.nlm.nih.gov/pmc/articles/PMC610753) (so zit.  
Bordoni et al., 2019)

+Bordoni,B.

Marelli,F., Morabito,B., Sacconi,B.

Emissions of biophotons and adjustable sounds by the fascial  
system: Review and reflections for manual therapy

J Evidence Based Integr Med 23 (2018)1 - 6

+Bordoni,B.

Morabito,B., Simonelli,M.

Cranial Osteopathie: obscurantism and enlightenment

Cureus 11 (2019)e4730 doi.org/10.7759/cureus.4730

Bordoni,B.

Purgol,S., Bizzarri,A., Modica,M., Morabito,B.

The influence of breathing on the central nervous system

Cureus 10 (2018a)e2724 doi.org/10.7759/cureus.2724

Bordoni,B.

Simonelli,M.

The awareness of the fascial system

Cureus 19 (2018)3397 doi.org/10.7759/cureus.3397 (zit.  
Bordoni et al., 2019)

Bordoni,B.

Zarnier,E.

Sutherlands legacy in the new millenium: the osteopathic  
cranial model and modern osteopathy

Adv Mind Body Med 29 (2015)15 – 21  
([www.ncbi.nlm.nih.gov/pubmed/25831430](https://www.ncbi.nlm.nih.gov/pubmed/25831430)), zit. Bordoni et  
al., 2019)

Borenstein,D.G.

Wiesel,S.M., Boden,S.D.

Mechanical Disorders of the Lumbar Spine: Low Back Pain,  
2<sup>nd</sup>. ed., Philadelphia, Saunders, 1995

+Borenstein,D.G.

Epidemiology, etiology, diagnostic evaluation and treatment  
of low back pain

Curr Opin Rheumatol 9 (1997)144 – 50

+Borenstein,D.G.

O'Mara,J.W., Boden,S.D., Lauerman,W.C., Jacobson,A.,  
Platenberg,C., Schellinger,D., Wiesel,S.W.

- The value of magnetic resonance imaging of the lumbar spine to predict low – back pain in asymptomatic subjects: a seven-year follow-up study  
J Bone Joint Surg Am 83 (2001)A:1306 – 11
- +Borg-Stein,J.  
Dugan,S.A., Gruber,J.  
Musculoskeletal aspects of pregnancy  
Am J Phys Med Rehabil 84 (2005)180 – 92
- Borges Dario,A  
siehe Dario,B.A.
- Borghuis,J.A.  
Hof,I., Lemmink,K.A.  
The importance of sensory-motor control in providing core stability: Implications for measurement and training  
Sports Med 38 (2008)893 - 916
- +Borgland,S.L.  
Acute opioid receptor desensitization and tolerance: is there a link?  
Clin Exp Pharmacol Physiol 28 (2001)147 – 54
- Borkan,J. –n-  
Reis,S., Werner,S. et al  
Guidelines for treating low back pain in primary care. The Israeli Low Back Pain Guideline Group  
Harfuah 130 (1996)145 – 51 (zit. Bishop & Wing, 2006)
- +Borkan,J.  
van Tulder, M.W., Reis,S., Schoene,M.L., Croft,P., Hermoni,D..  
Advances in the field of low back pain in primary care: a report from the fourth international forum  
Spine 27 (2002)E128 – 32
- +Borkan,J.M.  
Koes,B., Reis,S., Cherkin,D.  
A report from the Second International Forum for Primary Care Research on Low Back Pain: reexamining priorities  
Spine 23 (1998)1992 – 6
- +Borkovec,T.D.  
Nau,S.D.  
Credibility of analogue therapy rationales  
J Behav Ther Exp Psychiatry 3 (1972)257 – 60
- +Borkovec,T.D.  
Robinson,E., Pruzinsky,T., DePree,J.A.

- Preliminary exploratin of worry: some characteristics and processes  
Behav Res Ther 21 (1983)9 – 16
- +Borland,G.  
Smith,B.O., Yarwood,S.J.  
EPAC proteins transducer diverse cellular actions of cAMP  
Br J Pharmacol 158 (2009)70 – 86
- +Bornemann-Cimenti,T.  
Weibora,M., Szilagy,I.S., Sandner-Kiesling,A.  
Fentanyl zur Behandlung von tumorbedingten Durchbruchschmerzen  
Dtsch Ärztebl 110 (2013)271 - 7
- Bornstein,P.  
Diversity of functions inherent in matricellular proteins: an appraisal of thrombospondin 1  
J Cell Biol 130 (1995)503 – 6 (zit. Mayer et al., 2013)
- +Borota,L.  
Jonasson,P., Agolli,A.  
Spontaneous resorption of intradural lumbar disc fragments  
Spine J 8 (2008)397 - 403
- +Boroujerdi,A.  
Kim,H.K., Lyu,Y.S., Kim,D.S., Figueroa,K.W., Chung,J.M., Luo,Z.D.  
Injury discharge regulate calcium channel alpha-2-delta-1 subunit upregulation in the dorsal horn that contributes to initiation of neuropathic pain  
Pain 139 (2008)358 – 66
- +Boroujerdi,A.  
Zeng,J., Sharp,K., Kim,D., Steward,O., Lou,Z.D.  
Calcium channel alpha-2-delta-1 protein upregulation in dorsal spinal cord mediates spinal cord injury-induced neuropathic pain states  
Pain 152 (2011)649 - 55
- +Borowsky,C.D.  
Fagen,C.  
Sources of sacroiliac region pain: insights gained from a astudy comparing standard intra-articular injection with a technique combining intra- and peri-articular injection  
Arch Phys Med Rehabil 89 (2008)2048 – 56
- +Borsook,D  
Pain and motor system plasticity. Editorial

- Pain 132 (2007a)8 - 9
- +Borsook,D. Opioidergic tone and pain susceptibility: interactions between reward systems and opioid receptors (Commentary)
- Pain 158 (2017)185 - 6
- +Borsook,D. Becerra,L., Carlezon Jr.,W.A., Shaw,M., Renshaw,P., Elman,I., Levine,J.
- Reward-aversion circuitry in analgesia and pain: Implications for psychiatric disorders
- Eur J Pain 11 (2007)7 - 20
- Borsook,D. Edwards,R., Elman,I., Becerra,L., Levine,J.
- Pain and analgesia: the value of salience circuits
- Prog Neurobiol 104 (2013)93 – 105 (zit. Tu et al., 2019)
- Borsook,D. Youssef,A.M., Barakat,N., Sieberg,C.B., Elman,I.
- Subliminal (latent) processing of pain and its evolution to conscious awareness
- Neurosci Biobehavioral Rev 88 (2018)1 – 15 (zit. Eccleston, 2018)
- +Borszcz,G.S. Contribution of the ventromedial hypothalamus to generation of the affective dimension of pain
- Pain 123 (2006)155 – 68
- +Bortsov,A.V. Smith,J.E., Diatchenko,L., Soward,A.C., Ulirsch,J.C., Rossi,C., Swor,R.A., Hauda,W.E. und weitere 10 Autoren
- Polymorphisms in the glucocorticoid receptor co-chaperone FKBP5 predict persistent musculoskeletal pain after traumatic stress exposure
- Pain 154 (2013)1419 - 26
- +Borys,C. Nodop,S., Tutzschke,R., Anders,C., Scholle,H.C., Strauß,B.
- Evaluation der Neuen Rückenschule. Schmerz- und psychologische Merkmale
- Schmerz 27 (2013)588 - 96
- +Bos,S.D. Slagboom,P.E., Meulenbelt,I.
- New insights into osteoarthritis: early developmental features of an ageing-related disease

- Curr Opin Rheumatol 20 (2008)553 – 9
- +Bosscher,H.A. Heavner,J.E.
- Diagnosis oft the vertebral level from which low back or leg pain originates. A comparison of clinical evaluation, MRI and epiduroscopy
- Pain Pract 12 (2012)506 - 12
- +Bosscher,H.A. Heavner,J.E.
- Treatment of common low back pain: a new approach to an old problem
- Pain Pract 15 (2015)509 - 17
- +Bosshard,S.C. Grandjean,J., Schroeter,A., Baltes,C., Zeilhofer,H.U.
- Hyperalgesia by low doses of local anesthetic lidocaine involves cannabinoid signaling: An fMRI study in mice
- Pain 153 (2012)1450 - 8
- +Bostik,G.P.
- Effectiveness of psychological interventions delivered by non-psychologist on low back pain and disability: a qualitative systematic review
- Spine J 17 (2017)1722 - 8
- Boström,E.
- Pharamcokinetics and pharmacodynamics of oxycodone and morphine with emphasis on blood-brain barrier transport
- Acta Universitatis Uppsala 2007 (zit. Kalso, 2007)
- +Boström,E.
- Simonsson,U.S.H., Hammarlund-Udenaes,M.
- In vivo blood-brain barrier transport of oxycodone in the rat: indications for active influx and implications for pharmacokinetics/pharmacodynamics
- Drugs Metab Dispos 34 (2006)1624 – 31
- Boswell,M.V.
- Manchikanti,L., Kaye,A.D. et al., A best-evidence systematic appraisal of the diagnostic accuracy and utility of facet (zygapophysial) pain injections in chronic spinal pain
- Pain Physician 18 (2015)E497 – 533 (zit. Vining et al., 2019)
- +Bot,G.
- Blake,A.D., Li,S., Reisine,T.
- Fentanyl and its analogs desensitize the cloned mu-opioid receptor
- J Pharmacol Exp Ther 285 (1998)1207 – 18

- +Botelho,M.B. Andrade,B.B.  
Effect of cervical spine manipulative therapy on judo athletes grip strength  
*J Manipulative Physiol Ther* 35 (2012)38 - 44
- +Botha-Scheepers,S. Watt,I., Slagboom,E., de Craen,A.J.M., meulenbelt,I., Rosendahl,F.R., Breedveld,F.C., Huizinga,T.W.J., Kloppenburg,M.  
Innate production of tumor necrosis factor alpha and interleukin – 10 is associated with radiological progression of knee osteoarthritis  
*Ann Rheum Dis* 67 (2008)1165 - 9
- +Botvinick,M.M. Braver,T.S., Barch,D.M., Carter,C.S., Cohen,J.D.  
Conflict monitoring and cognitive control  
*Psychol Rev* 108 (2001)624 – 52
- +Botvinick,M.M. Cohen,J.D., Carter,C.S.  
Conflict monitoring and anterior cingulate cortex: an update  
*Trends Cogn Sci* 8 (2004)539 – 46
- +Botvinick,M. Jha,A.P., Bylsma,L.M., Fabian,S.A., Solomon,P.F., Prkachin,K.M.  
Viewing facial expressions of pain engages cortical areas involved in the direct experience of pain  
*Neuroimage* 25 (2005)312 – 9
- +Botsios,C. Safety of tumor necrosis factor and interleukin-1 blocking agents in rheumatic diseases  
*Autoimmune Rev* 4 (2005)162 – 70
- +Boucher,J.A. Preuss,R., Henry,S.M., Dumas,J.P., Lariviere,C.,  
The effects of an 8-week stabilization exercise program on lumbar movement sense in patients with low back pain  
*BMC Musculoskelet Disord* 17 (2016)23
- +Boucher,T.J. Okuse,K., Bennet,D.L.H., Munson,J.B., Wood,J.N., McMahon,S.B.  
Potent analgesic effects of GDNF in neuropathic pain states  
*Science* 290 (2000)124 – 7

- +Boudreau,S. Romaniello,A., Wang,K., Svensson,P., Sessle,B.J., Arendt-Nielsen,L.  
The effects of intra-oral pain on motor cortex neuroplasticity associated with short-term novel tongue-protrusion training in humans  
*Pain* 132 (2007)169 – 78
- +Boue,J. Blanpied,M., Djata-Cabral,M., Pelletier,L., Vergnolle,N., Dietrich,G.  
Immune conditions associated with CD4+T effector-induced opioid release and analgesia  
*Pain* 153 (2012)485 - 93
- +Bouhassira,D. Attal,N.  
Diagnosis and assessment of neuropathic pain: The saga of clinical tools  
*Pain* 152 (2011)S74 – S83
- +Bouhassira,D. Danziger,N., Atta,N., Guirimand,F.,  
Comparison of the pain suppressive effects of clinical and experimental painful conditioning stimuli  
*Brain* 126 (2003)1068 – 78
- +Bouhassira,D. Villanueva,L., Bing,Z., Le Bars,D.  
Involvement of the subnucleus reticularis dorsalis in diffuse noxious inhibitory controls in the rat  
*Brain Res* 595 (1992)353 – 7
- +Boulu,P. Benoist,M.  
Recent data on the pathophysiology of nerve root compression and pain  
*Rev Rhum Engl* 63 (1996)358 – 363
- +Bourassa-Moreau,E. Mac-Thiong,J.M., Joncas,J., Parent,S., Labelle,H.  
Quality of life of patients with high-grade spondylolisthesis: minimum 2-year follow-up after surgical and non-surgical treatment  
*Spine J* 13 (2013)770 - 4
- +Bourigau,I. Simoneau,E.M., Leteneur,S., Gillet,C., Ido,G., Barbier,F.

- Chronic low back pain sufferers exhibit freezing-like behaviors when asked to move their trunk as fast as possible  
Spine J 14 (2014)1291 - 9
- +Bousema,E.J.  
Verbunt,J.A., Seelen,H.A.M., Vlaeyen,J.W.S., Knottnerus,J.A.  
Disuse and physical deconditioning in the first year after the onset of back pain  
Pain 130 (2007)279 - 86
- +Bouter,L.M.  
van Tulder,M.W., Koes,B.W.  
Methodologic issues in low back pain research in primary care  
Spine 23 (1998)2014 – 20
- +Bouwmeester,W.  
van Enst,A., van Tulder,M.  
Quality of low back pain guidelines improved  
Spine 34 (2009)2562 - 7
- +Bove,A.M.  
Lynch,A.D., Ammendolia,C., Schneider,M.  
Patient's experience with nonsurgical treatment for lumbar spinal stenosis: a qualitative study  
Spine J 18 (2018)639 - 47
- Bovenzi,M.  
Hulshof,C.T.  
An updated review of epidemiological studies on the relationship between the exposure to whole-body vibration and low-back pain (1986 – 97)  
Int Arch Occup Environ Health 72 (1999)351 – 65 (zit. Kuisma et al., 2007)
- +Bowering,K.J.  
Butler,D.S., Fulton,I.J., Moseley,G.L.  
Motor imagery in people with a history of back pain, current back pain, both or neither  
Clin J Pain 30 (2014)1070 - 5
- +Bowers,M.E.  
Choi,D.C., Ressler,K.J.  
Neuropeptide regulation of fear and anxiety: implications of cholecystokinin, endogenous opioids and neuropeptide  
Physiol Behav 107 (2012)699 – 710 (Onlinezugriff 4.3.2017)

- +Bowey-Morris,J. Davis,S., Purcell-Jones,G., Watson,P.J.  
Beliefs about back pain. Results of a population survey of working age adults  
*Clin J Pain* 27 (2011)214 - 24
- +Bowey-Morris,J. Purcell-Jones,G., Watson,P.W.  
Test-retest reliability of the pain attitudes and beliefs scale and sensitivity to change in a general practitioner population  
*Clin J Pain* 26 (2010)144 - 52
- Bowlby,J. Attachment and loss: vol. 1 attachment  
New York: Basic Books, 1969/1997 (so zit. Meredith et al., 2006); attachment 1982, vol 1 (so zit. Porter et al., 2007)
- Bowling,A. Research Methods in Health: Inverstigating Health and Health Services, Buckingham: Open University Press, 2000 (so zit. Wittink & Carr, 2008)
- Boxall,D. Bradford,D.S., Winter,R.B. et al.  
Management of severe spondylolisthesis in children and adolescents  
*J Bone Joint Surg Am* 61 (1971)479 – 91 (zit. Transfeldt & Mehbod, 2007)
- +Boyd,L.M. Richardson,W.J., Allen,K.D., Flahiff,C., Jing,L., Li,Y., Chen,J., Setton,L.A.  
Early-onset degeneration of the intervertebral disc and vertebral end plate in mice deficient in type IX collagen  
*Arthritis Rheum* 58 (2008)164 – 71
- BPS s. British Pain Society
- +Bracht,P. Liebscher-Bracht,R.  
Rückenschmerzen: Schmerztherapie nach Liebscher & Bracht  
*Erfahrungsheilkunde* 70 (2021)1: 20 – 25 doi.org/10.1055/a-1332-0245
- +Bradford,D.S. Tay,B.K., Hu,S.S.  
Adult scoliosis: surgical indications, operative management, complications, and outcome  
*Spine* 24 (1999)2617 – 29 (zit.Yamada et al., 2016)

- Bradford,D.S. et al.  
Chymopapain, chemonucleolysis and nucleus pulposus regeneration: a biochemical and biomechanical study  
*Spine* 9 (1984)134 – 47 (zit. Ferrara et al., 2005)
- +Bradshaw,A.D.  
Sage,E.H.  
SPARC, a matricellular protein that functions in cellular differentiation and tissue response to injury  
*J Clin Invest* 107 (2001)1049 – 54
- +Bradshaw,H.  
CB-induced side effects of specific COX-2 inhibitors: a feature, not a bug (commentary)  
*Pain* 148 (2010)5
- +Brady,R.J.  
Dean,R.B., Skinner,T.M., Gross,M.T.  
Limb length inequality: clinical implications for assessment and intervention  
*J Orthop Sports Phys Ther* 33 (2003)221 – 34
- +Brady,S.R.J.  
Hussain,S.M., Brown,W.J., Heritier,S., Wang,Y., Teede,H., Urquhart,D.M., Cicuttini,F.M.  
Course and contributors to back pain in middle-aged women over 9 years. Data from the Australian longitudinal study of women's health  
*Spine* 43 (2018)1648 - 56
- +Brage,S.  
Bjerkedahl,T.  
Musculoskeletal pain and smoking in Norway  
*J Epidemiol Community Health* 50 (1996)166 – 9
- +Brage,S.  
Sandanger,I., Nygard,J.F.  
Emotional distress as a predictor for low back pain disability: a prospective 12-year population based study  
*Spine* 32 (2007)269 – 74 b16
- Brähler,E.  
Hinz,A., Scheer,J.  
Gießener Beschwerdebogen GBB-24. Handbuch, 3.Aufl.  
Huber, Bern, 2008 (zit. Häuser et al., 2009)
- Brähler,E.  
Scheer,S.  
Der Gießener Beschwerdebogen

- Beitz, Göttingen, 1983 (zit. Hardt & Brähler, 2007)
- Brähler,E. Schumacher,J.
- Erste gesamtdeutsche Normierung der Kurzform des Gießener Beschwerdebogens GBB-24
- Psychother Psych Med 50 (2000)14 – 21 (zit. Hardt & Brähler, 2007)
- Brandstädter,J. Personal control over development: some developmental implications of self-efficacy
- In: Schwarzer,R. (ed.) Self-efficacy: through control of action Cambridge University Press, New York 1992, p. 127 – 45 (zit. Nilges et al., 2007)
- +Brandstädter,J. Rothermund,K.
- The life-course dynamics of goal pursuit and goal adjustment: a two-process frame work Dev Rev 22 (2002)117 – 50
- Brantingham,J.W. – n -- Still and Palmer: the impact of the first osteopath and the first chiropractor Chiropr Hist 6 (1986)19 – 22 (zit. Nelson et al., 2000)
- +Brantingham,J.W. Adams,K.J., Cooley,J.R.et al.
- A single-blind pilot-study to determine risk and association between navicular drop, calcaneal eversion, and low back pain J Manipulative Physiol Ther 30 (2007)380 – 5
- +Brattberg,G. Thorsland,M., Wilkman,A.
- The prevalence of pain in general population : the result of a postal survey in a county Pain 37 (1989)215 - 22
- +Brattberg,G. The incidence of back pain and headache among Swedish school children Qual Life Res 3 (1994)Suppl.1 : S27 – 31
- +Braun,J. Siper,J., Bollow,M.
- Imaging of sacroiliitis Clin Rheumatol 19 (2000)51 – 7

- +Bravo,D.  
Ibarra,P., Retamal,J., Pelissier,T., Laurido,C., Hernandez,A., Constandil,L.  
  
Pannexin 1 : A novel participant in neuropathic pain signaling in the rat spinal cord  
  
Pain 155 (2014)2108 - 15
- +Bravo,L.  
Alba-Delgado,C., Torres-Sanches,S., Mico,J.A., Neto,F.L., Berrocoso,E.  
  
Social stress exacerbates the aversion to painful experiences in rats exposed to chronic pain: the role of the locus coeruleus  
  
Pain 154 (2013)2014 – 23
- +Bravo-Hernandez,M.  
Corleto,J.A., Barragan-Iglesias,P., Gonzales-Ramirez,R., Pineda-Farias,J.B., Felix,R., Calcutt,N.A., Delgado-Lezama,R., Marsala,M., Granadas-Soto,V.  
  
The alpha-5 subunit containing GABA<sub>A</sub> receptors contribute to chronic pain  
  
Pain 157 (2016)613 - 26
- +Braz,J.M.  
Nassar,M.A., Wood,J.N., Basbaum,A.I.  
  
Parallel „pain“ pathways arise from subpopulations of primary afferent nociceptor  
  
Neuron 47 (2005)787 – 93
- Brazeau,P.  
Vale,W., Burgus,R. et al.  
  
Hypothalamic polypeptide that inhibits the secretion of immunoreactive pituitary growth hormone  
  
Science 179 (1973)77 – 9 (zit Segond von Banchet, 2008)
- +Brazier,J.  
Roberts,J., Deverill,M.  
  
The estimation of a preference-based measure of health from the SF-36  
  
J Health Econ 21 (2002)271 – 92
- +Bredt,D.S.  
Glatt,C.E., Hwang,P.M., Fotuhi,M., Dawson,T.M., Snyder,S.H.  
  
Nitric oxide synthase protein and mRNA are discretely localized in neuronal populations of the mammalian CNS together with NADPH diaphorase  
  
Neuron 7 (1991)615 – 24

- Bredtkjaer,S.R. Musculoskeletal disease in Denmark. The Danish health and morbidity survey 1986 – 87
- Acta Orthop Scand 241 (1991) Suppl: 10 – 2  
(zit.Noormohammedpour et al., 2016)
- +Breen,A. Chiropractors and the treatment of back pain
- Rheumatol Rehabil 16 (1977)46 – 53
- +Breen,A. Austin,H., Campion-Smith,C., Carr,E., Mann,E.
- “You feel so hopeless”: A qualitative study of GP management of acute back pain
- Eur J Pain 11 (2007)21 – 9
- +Breen,A. Breen,R.
- Pain and satisfaction with chiropractic treatment: what role does the physical outcome play?
- Clin J Pain 19 (2003)263 – 8
- +Breen,A. Carr,E., Mann,E., Crossen-White,H.
- Acute back pain management in primary care: a qualitative pilot study of the feasibility of a nurse-led service in general practice
- J Nurse Manag 12 (2004)201 – 9
- +Breen,A. Carrington,M., Collier,R., Vogel,S
- Communication between general and manipulative practitioners: a survey
- Complement Ther Med 8 (2000)8 – 14
- +Breen,A.C. Dupac,M., Osborne,N.
- Attainment rate as a surrogate indicator of the intervertebral neutral zone length in lateral bending: an in vitro proof of concept study
- Chiropr Man Ther 23 (2015)28
- Bredkjaer,M. Musculoskeletal disease in Denmark. The Danish health and morbidity survey1986 – 87
- Acta Orthop Scand 241 (1991)10 – 2
- +Breig,A. Troup,J.D.

Biomechanical consideraions in the straight-leg-raising test:  
cadaveric and clinical studies of the effects of medial hip  
rotation

Spine 4 (1979)242 – 50

+Breivik,H.

Appropriate and responsible use of opioids in chronic non-  
cancer pain. Editorial

Eur J Pain 7 (2003)379 – 80

+Breivik,H.

Collet,B., Ventafridda,V., Cohen,R., Gallacher,D.,

Survey of chronic pain in Europe: prevalence, impact on daily  
life, and treatment

Eur J Pain 10 (2006)287 – 333

+Breivik,H.

Stubhaug,A.

Burden of disease is often aggravated by opioid treatment of  
chronic pain patients : etiology and prevention (commentary)

Pain 155 (2014)2441 - 3

-Brena,S.F.

Wolf,S.L., Chapman, S.L. et al.

Chronic back pain: electromyographic, motion and  
behavioural assessments following sympathetic nerve blocks  
and placebos

Pain 8 (1980)1 – 10 (zit. Murata et al., 2009)

+Brenchat,A.

Nadal,X., Romero,L., Ovalle,S., Muro,A., Sanchez-Arroyos,R.,  
Portillo-Salido,E., Montero,A. Und weitere 6 Autoren

Pharmacological activation of 5-HT7 receptors reduces nerve  
injury-induced mechanical and thermal hypersensitivity

Pain 149 (2010)483 - 94

+Brenchat,A.

Romero,L., Garcia,M., Pujol,M., Burgueno,J., Torrens,A.,  
Hamon,M., Baeyens,J.M., Buschmann,H., Zamanillo,D.,  
Vela,J.M.

5-HT7 receptor activation inhibits mechanical hypersensitivity  
secondary to capsaicin sensitisation in mice

Pain 141 (2009)239 – 47

+Brennan,G.P.

Fritz,J.M., Hunter,S.J., Thackeray,A., Delitto,A., Erhard,R.E.

Identifying subgroupsof patients with acute/subacute  
“nonspecific” low back pain: results of a randomized clinical  
trial

- Spine 31 (2006)623 – 31
- +Brennan,G.P. Ruhling,R.O., Hood,R.S., Shultz,B.B., Johnson,S.C., Andrews,B.C.
- Physical characteristics of patients with herniated intervertebral lumbar discs
- Spine 12 (1987)699 – 702
- +Brennan,G.P. Shultz,B.B., Hood,R.S., Zahniser,J.C., Johnson,S.C.,Gerber,A.H.
- The effects of aerobic exercise after lumbar microdiscectomy
- Spine 19 (1994)735 – 9
- +Brennan,P.F. Patient satisfaction and normative decision theory
- J Am Med Inform Assoc 2 (1995)250 – 9
- +Brenner,A.K. Gill,N.W., Buscema,C.J., Kiesel,K.
- Improved activation of lumbar multifidus following spinal manipulation: a case report applying rehabilitative ultrasound imaging
- J Orthop Sports Phys Ther 17 (2007)613 – 9
- +Brenner,L. Report on a pilot study of percutaneous rhizolysis
- Bull Postgrad Comm Med Univ Syd 29 (1973)203 – 6
- +Bressler,H.B. Keyes,W.J., Rochon,P.A., Badley,E.
- The prevalence of low back pain in the elderly. A systematic review of the literature
- Spine 24 (1999)1813 – 9
- +Bridger,R.S. Orkin,D., Henneberg,M.
- A quantitative investigation of lumbar and pelvic postures in standing and sitting: Interrelationships with body position and hip muscle length
- Int J Ind Erg 9 (1992)235 -44
- +Bridwell,K.H. Glassman,S., Horton,W., Shaffrey,C., Schwab,F., Zebala,L.P., Lenke,L.G., Hilton,J.F., Shainline,M., Baldus,C., Wootten,D.
- Does treatment (nonoperative and operative) improve the quality of life in patients with adult symptomatic lumbar scoliosis. A prospective multicenter evidence-based medicine study

- Spine 34 (2009)2171 - 8  
+Briest.J. Bethge,M.  
Der Einfluss von Katastrophisieren auf den Effekt von Depressivität auf Schmerz und körperliche Funktion. Eine längsschnittliche Mediatoranalyse
- Schmerz 31 (2017)159 - 68  
+Briggs,A.M. Jordan,J.E., Buchbinder,R., Burnett,A.F., O'Sullivan,P.B., Chua,J.Y.Y., Osborne,R.H., Straker,L.M.  
Health literacy and beliefs among a community cohort with and without chronic low back pain
- Pain 150 (2010)275 – 83  
+Briggs,C.A. Chandaraj,S.  
Variations in the lumbosacral ligament and associated changes in the lumbosacral region resulting in the compression of the fifth dorsal root ganglion and spinal nerve
- Clin Anat 8 (1995)339 – 46  
-Brinckmann,P. et al. Fatigue fracture of human lumbar vertebrae
- Clin Biomech 3 (1988)Suppl.1: 1 – 23 (zit. Gallagher et al., 2007)  
Bringman,A. Klingberg,F.  
Electrical stimulations of the basical forebrain and the nucleus cuneiformis differently modulate behavioural activation of freely moving rat
- Biomed Biochim Acta 48 (1989)781 – 91 (zit. Haghparast et al., 2007)  
+Brinkjki,W. Luetmer,P.H., Cornstock,B., Bresnahan,B.W., Chen,L.E., Deyo,R.A., Halabi,S., Turner,J.A., Avins,A.L., James,K., Wald,J.T., Kallmes,D.F., Jarvik,J.G.  
Systematic literature review of imaging features of spinal degeneration in asymptomatic populations
- Am J Neuroradiol 36 (2015)811 – 6  
+Brink,E.E. Morrell,J.I., Pfaff,D.W.  
Localisation of lumbar epaxial motoneurons in the rat Brain Res 170 (1979)23 – 41
- +Brinkers,M. Wander,R., Kretzschmar,M., Rothkötter,H.J., Pfau,G.

- Erhöhen viszeralchirurgische Eingriffe das Risiko, an Rückenschmerzen zu erkranken?  
Dt Z Akupunkt 64 (2021)108 - 12
- +Brinkhaus,B.  
Witt,C.M., Jena,S., Linde,K., Streng,A., Wagenpfeil,S., Irnich,D., Walther,H.U., Melchart,D., Willich,S.N.  
Acupuncture in patients with low back pain  
Arch Intern Med 166 (2006)450 - 7
- Brisby,H.  
Ashley,H., Diwan,A.D.  
In vivo measurement of facet joint nitric oxide in patients with chronic low back pain  
Spine 32 (2007)1488 – 92
- +Brisby,H..  
Byr öd,G., Olmarker,K., Miller,V.M., Aoki,Y., Rydevik,B.  
Nitric oxide as a mediator of nucleus pulposus-induced effects on spinal nerve roots  
J Orthop Res 18 (2000)815 – 20
- +Brisby,H.  
Hammar,I.  
Thalamic activation in a disc herniation model  
Spine 32 (2007)2846 – 52
- Brisby,H.  
Olmarker,K., Larsson,K. et al.  
Proinflammatory cytokines in cerebrospinal fluid and serum in patients with disc herniation and sciatica  
Eur Spine J 11 (2002)62 – 6 (zit. Scuderi et al., 2008)
- +Brisby,H.  
Wei,A.O., Molloy,T., Chung,S.A., Murrell,G.A., Diwan,A.D.  
The effect of running exercise on intervertebral disc extracellular matrix production in a rat model  
Spine 35 (2010)1429 - 36
- British National Formulary  
British National Formulary, 53<sup>rd</sup> ed. Biggleswade,U.K., RPS Publishing (2007):785 – 90 (zit. Verma et al., 2010)
- British Pain Society  
The British Pain Society: Opioids for persistent pain: good clinical practice  
[http://www.british-painsociety.org/book opioid\\_main.pdf](http://www.british-painsociety.org/book opioid_main.pdf)
- +Broadhurst,N.A.  
Bond,M.J.

- Pain provocation for the assessment of sacroiliac joint dysfunction  
J Spinal Dis 11 (1998)341 – 5
- Brodin,H.  
Path of nutrition in articular cartilage and intervertebral disk  
Acta Orthop Scand 24 (1955)177 (zit. Huang et al., 2007)
- +Brodtke,D.S.  
Goz,V., Lawrence,B.D., Spilker,W.R., Neese,A., Hung,M.  
Oswestry Disability Index: a psychometric analysis with 1,610 patients  
Spine J 17 (2017)321 - 7
- +Brodkjaer,S.R.  
Musculoskeletal disease in Denmark. The Danish health and Morbidity survey 1986 – 87  
Acta Orthop Scand 62 (1991)Suppl 241: 10 - 2
- Brody,H.  
From an ethics of rationing to an ethics of waste avoidance  
N Engl J Med 366 (2012)1949 – 51 (zit Hazard, 2013)
- +Brömmme,J.  
Mohokum,M., Disch,A.C., Marnitz,U.  
Interdisziplinäre, multimodale Schmerztherapie vs. konventionelle Therapie. Eine Kostenanalyse bei Patienten mit chronischen Rückenschmerzen  
Schmerz 29 (2015)195 - 202
- +Brolinson,P.G.  
Mcginley,S.M.G., Kerger,S.  
Osteopathic manipulative medicine and the athlet  
Curr Sports Med Rep 7 (2008)1 – 8
- +Bron,C.  
de Gast,A., Dommerholt,J., Stegenga,B., Wensing,M., Oostendorp,R.A.B.  
Treatment of myofascial trigger points in patients with chronic shoulder pain: a randomized, controlled trial  
BMC Medicine 9 (2011)8: 1 - 14
- +Bronfort,G.  
Chiropractic versus general medical treatment of low back pain: a small scale controlled clinical trial  
Am J Chiro Med 2(1989)145 – 50
- Bronfort,G.  
Chiropractical spinal manipulative therapy and exercise versus pharmacological treatment and exercise for chronic low back pain,

Proc Int Conference on Spinal Manipulation, June 1994, pp.  
35 – 7 (so zit. Woodhead & Clough, 2006)

-Bronfort,G.  
Spinal manipulation: current state of research and its  
indications

Neurol Clin North Am 17 (1999)91 – 111

+Bronfort,G.  
Goldsmith,C.H., Nelson,C.F., Boline,P.D., Anderson,A.V.

Trunk exercise combined with spinal manipulative or NSAID  
therapy for chronic low back pain: a randomized observer-  
blinded clinical trial

J Manipulative Physiol Ther 19 (1996)570 – 82

+Bronfort,G.  
Haas,M., Evans,R., Bouter,L.M.

Efficacy of spinal manipulation and mobilisation for low back  
pain and neck pain: a systemic review and best evidence  
synthesis

Spine J 4 (2004)335 – 56

+Bronfort,G.  
Haas,M., Evans,R., Kawchuk,G., Dagenais,S.

Evidence-informed management of low back pain with spinal  
manipulation and mobilization

Spine J 8 (2008)213 – 25

+Bronfort,G.  
Haas,M., Evans,R., Leininger,B., Triano,J.

Effectiveness of manual therapies: the UK evidence report

Chiropr Osteopat 18 (2010)3

+Bronfort,G.  
Haas,M., Moher,D., Bouter,L., van Tulder,M., Triano,J.,  
Assendelft,W.J.J., Evans,R., Dagenais,S., Rosner,A,

Review conclusions by Ernst and Canter regarding spinal  
manipulation refused

Chiropr Osteopat 14 (2006)14

+Bronfort,G.  
Maiers,M.J., Evans,R.L., Schulz,C.A., Bracha,Y., Svendsen,K.H.,  
Gimm,R.H., Owens,E.F.jr., Garvey,T.A., Transfeldt,E.E.

Supervised exercise, spinal manipulation, and home exercise  
for chronic low back pain: a randomized clinical trial

J Pain 11 (2011)585 - 98

Broker,L.E.  
Kruyt,F.A., Giaccone,G.

Celldeath independent of caspases: a review

Clin Cancer Res 11 (2005)3155 – 62 (zit. Wei et al., 2008)

+Brooks,C.

Siegler,J.C., Cheema,B.S., Marshall,P.W.

No realtionship between body mass index and changes in pain and disability after exercise rehabilitation for patients with mild to moderate chronic low back pain

Spine 38 (2013)2190 - 95

+Brooks,J.

Tracey,I

From nociception to pain perception: Imaging the spinal and supraspinal pathways

J Anat 207 (2005)19 - 33

+Brooks,J.C.

Tracey,I.

The insula: a multidimensional integration site for pain

Pain 128 (2007)1 - 2

+Brooks,T.A.

Hawkins,B.T., Huber,J.D., Egleton,R.D., Davis,T.P.

Chronic inflammatory pain leads to increased blood-brain barrier permeability and tight junction protein alteration

Am J Physiol 289 (2005) H 738 – 43

+Brooks,W.

Grenzen des Konzepts der Symmetrie in der osteopathischen Beurteilung. Eine Erweiterung des Konzepts in Hinblick auf die Proportionalität führt zu besseren klinischen Ergebnissen.

Osteopath Med 10 (2009)1: 11 - 15

+Brosseau,I..

Milne,S., Robinson,V., Marchsnd,S., Shea,B., Wells,G., Tagwell,P.

Efficacy of the transcutaneous electrical nerve stimulation for the treatment of low back pain: a meta-analysis

Spine 27 (2002)596 – 603

+Brötz,D.

Küker,W., Maschke,E., Wick,W., Dichgans,J., Weller,M.

A prospective trial of mechanical physiotherapy for lumbar disc prolapse

J Neurol 250 (2003)746 – 9

Brötz,D.

Weller,M.

- Diagnostik und Therapie bei Bandscheibenschäden  
Thieme, Stuttgart, 2. Aufl., 2004 S. 79 – 81 (zit. Rohde, 2011)
- +Brötz,S.  
Maschke,E., Burkhard,S., Engel,C., Mänz,C., Ernemann,U., Wick,W., Weller,M.  
  
Is there a role for benzodiazepines in the management of lumbar disc prolapse with acute sciatica?  
  
Pain 149 (2010)470 - 5
- +Broudeur,P.  
Larroque,C.H., Passeron,R., Pellegrino,J.  
  
Le syndrome iliolombaire. Une syndesmo-periostite de la crete iliaque. Arguments cliniques, radiologiques, therapeutiques. Diagnostic avec la lombo-sciatique. 440 observations  
  
Rev Rhum 49 (1982)693 – 8
- +Brown,C.A.  
The application of complex adaptative systems to clinical practice in rehabilitation  
  
Disabil Rehab 28 (2006)587 - 91
- +Brown,C.A.  
Jones,A.K.P.  
  
Physiological mechanisms of acupuncture: Beyond placebo? (commentary)  
  
Pain 147 (2009)11 – 2
- +Brown,C.A.  
Jones,A.K.P.  
  
Meditation exercise predicts less negative appraisal of pain: Electrophysiological evidence for the involvement of anticipatory neural responses  
  
Pain 150 (2010)428 - 38
- +Brown,C.A.  
Jones,A.K.P.  
  
Psychobiological correlates of improved mental health in patients with musculoskeletal pain after a mindfulness-based pain management program  
  
Clin J Pain 29 (2013)233 - 44
- +Brown,C.A.  
Matthews,J., Fairclough,M., McMahon,A., Barnett,E., Al-Kaysi,A., El-Deredy,W., Jones,A.K.P.  
  
Striatal opioid receptor availability is related to acute and chronic pain perception in arthritis: does opioid adaptation increase resilience to chronic pain?

- Pain 156 (2015)2267 - 75  
+Brown,C.A.  
Seymour,B., Boyle,Y., El-Deredy,W., Jones,A.K.P.  
Modulation of pain ratings by expectation and uncertainty:  
behavioral characteristics and anticipatory neural correlates
- Pain 135 (2008)240 - 50  
+Brown,C.S.  
Ling,F.W., Wan,J.Y., Pilla,A.A.  
Efficacy of static magnetic field therapy in chronic pelvic pain:  
a double-blind pilot study
- Am J Obstet Gynecol 187 (2002)1581 – 7  
+Brown,D.A.  
Adams,P.R.  
Muscarinic suppression of a novel voltage-sensitive K<sup>+</sup> -  
current in a vertebrate neurone
- Nature 283 (1980)673 – 6  
+Brown,D.W.  
Balluz,L.S., Heath,G.W., Moriarty,D.G., Ford,E.S., Giles,W.H.,  
Mokdad,A.H.  
Associations between recommended levels of physical  
activity and health related quality of life: findings from the  
2001 Behavioral Risk Factor Surveillance System (BRFSS)  
Survey
- Prev Med 37 (2003)520 – 8  
Brown,G.K.  
Nicassio, P.M.  
Development of a questionnaire for the assessment  
of active and passive coping strategies in chronic pain  
patients.
- Pain 31 (1987) 53 – 64  
+Brown,J.L.  
Liu,H., Maggio,J.E., Vigna,S.R., Mantyh,P.W., Basbaum,A.I.  
Morphological characterisation of substance P receptor-  
immunoreactive neurons in the rat spinal cord and trigeminal  
nucleus caudalis
- J Comp Neurol 356 (1995)327 – 44  
+Brown,L.L.  
A double-blind, randomized, prospective study of epidural  
steroid injection vs. The mild Procedure in patients with  
symptomatic lumbar spinal stenosis
- Pain Pract 12 (2012)333 - 43

- Brown,M.D. Tsaltas,T.T.  
Studies of the permeability of the intervertebral disc during skeletal maturation  
Spine 1 (1976)240 – 4 (zit. Huang et al., 2007)
- +Brown,M.F Hukkanen,M.V.J., McCarthy,I.D., Redfern,D.R.M., Batten,J.J., Crock,H.V., Hughes,S.P.F., Polak,J.M.  
Sensory and sympathetic innervation of the vertebral endplate in patients with degenerative disc disease  
J Bone Joint Surg Br 79 (1997)147 - 53
- +Brown,S.H.M. Ward,S.R., Crook,M.S., Lieber,R.L.  
Architectural analysis of human abdominal wall muscles. Implication for mechanical function  
Spine 36 (2011)355 – 62
- +Brown,S.H.M. Gregory,D.E., Carr,J.A., Ward,S.R., Masuda,K., Lieber,R.L.  
ISSLS prize winner: Adaptations to the multifidus muscle in response to experimentally induced intervertebral disc degeneration  
Spine 36 (2011a)1728 - 36
- +Brox,J.I. Commentary: Current evidence on catastrophizing and fear-avoidance beliefs in low back pain patients  
Spine J 14 (2014)2679 - 81
- +Brox,J.I. Hagen,K.B., Juel,N.G., Storheim,K.  
Is exercise therapy and manipulation effective in low back pain? (Har treningsterapi og manipulasjon effect ved korsryggssmerter?)  
Tidsskrift Norske Laegefor 119 (1999)2042 – 50
- +Brox,J.I. Reikeras,O., Nygaard,O., Sorensen,R., Indahl,A., Holm,I., Keller,A., Ingebrigtsen,T., Grundnes,O., Lange,J.E., Friis,A.  
Lumbar instrumented fusion compared with cognitive intervention and exercises in patients with chronic back pain after previous surgery for disc herniations: a prospective randomized controlled study  
Pain 122 (2006)145 – 155

- +Brox,J.I. Sorensen,R., Friis,A., Nygaard,O., Indahl,A., Keller,A., Ingebrigtsen,T., Eriksen,H., Holm,I., Koller,A., Riise,R., Reikeras,O.  
Randomized clinical trial of lumbar instrumental fusion and cognitive intervention and exercises with patients with low back pain and disc degeneration  
Spine 28 (2003)1913 – 21
- +Brox,J.I. Storheim,K., Grotle,M., Tveito,T.H., Indahl.,A., Erikson,H.R.  
Evidence-informed management of chronic low back pain with back schools, brief education and fear-avoidance training  
Spine J 8 (2008)28 - 39
- +Brox,J.I. Storheim,K., Grotle,M., Tveito,T.H., Indahl.,A., Erikson,H.R.  
Systematic review of back schools, brief education, and fear avoidance training for chronic low back pain  
Spine J 8 (2008a)948 - 58
- +Bru,E. Mykletun,R., Berge,W., Svebak,S.  
Effects of different psychological interventions on neck, shoulder and low back pain in femal hospital staff  
Psychol Health 9 (1994)371 – 82
- +Bruce-Low,S. Smith,D., Burnett,S., Fisher,J., Bissell,G., Webster,L.  
One lumbar extension training session per week is sufficient for strength gains and reduction in pain in patients with chronic low back pain ergonomics  
Ergonomics 55 (2012)500 – 7
- +Bruehl,S. Burns,J.W., Gupta,R., Buvanendran,A., Chont,M., Kinner,E., Schuster,E., Passik,S., France,C.R.  
Endogenous opioid function mediates the association between laboratory-evoked pain sensitivity and morphine analgesic responses  
Pain 154 (2013)1856 - 64
- +Bruehl,S. Burns,J.W., Koltyn,K., Gupta,R., Buvanedaran,A., Edwards,D., Chont,M., Wu,Y.H., Qu'd,D., Stone,A.  
Are endogenous opioid mechanisms involved in the effects of aerobic exercise training on chronic low back pain? A randomized controlled trial

Pain 161 (2020)2887 – 97  
doi.org/10.1097/j.pain.0000000000001969

+Bruehl,S.  
Burns,J.W., Koltyn,K., Gupta,R., Buvanedaran,A., Edwards,D., Chont,M., Wu,Y.H., Stone,A.

Does aerobic exercise training alter responses to opioid analgesics in individuals with chronic low back pain? A randomized controlled trial

Pain 162 (2021)2204 – 13  
doi.org/10.1097/j.pain.0000000000002165

+Bruehl,S.  
Burns,J.W., Morgan,A., Koltyn,K., Gupta,R., Buvanendran,A., Edwards,D., Chont,M. und weitere 4 Autoren

The association between endogenous opioid function and morphine responsiveness: a moderating role for endocannabinoids

Pain 160 (2019)676 - 87

-Bruehl,S.  
Chung,O.Y.

Parental history of chronic pain may be associated with impairments in endogenous opioid analgesic systems

Pain 124 (2006)287 - 294

+Bruehl,S.  
Chung,O.Y., Burns,J.W., Diedrich,L.

Trait anger expressiveness and pain-induced beta-endorphin release: Support for the opioid dysfunction hypothesis

Pain 130 (2007)207 – 15

+Bruehl,S.  
Chung,O.Y., Burns,J.W.

The mu opioid receptor A118G gene polymorphism moderates effects of trait anger-out on acute pain sensitivity

Pain 139 (2008)406 - 15

+Bruehl,S.  
Chung,O.K., Chont,M.

Chronic pain-related changes in endogenous Opioid analgesia: A case report

Pain 148 (2010)167 - 71

-Bruehl,S.  
Chung,O.K., Diedrich,L., Diedrich,A., Robertson,D.

The relationship between resting blood pressure and acute pain sensitivity: effects of chronic pain and alpha-2-adrenergic blockade

J Behav Med 31 (2008a)71 – 80 (zit. Olsen et al., 2013)

+Bruehl,S.

Chung,O.K., Ward,P., Johnson,B., McCubbin,J.A.

The relationship between resting blood pressure and acute pain sensitivity in healthy normotensives and chronic back pain sufferers: the effect of opioid blockade

Pain 100 (2002)191 – 201

+Bruehl,S.

Denton,J.S., Lonergan,D., Koran,M.E., Chont,M., Sobey,C., Fernando,S., Bush,W.S., Mishra,P., Thornton-Wells,T.A.

Associations between KCNJ6 (GIRK2) gene polymorphisms and pain-related phenotypes

Pain 154 (2013a)2853 - 9

+Bruehl,S.

Liu,X., Burns,J.W., Chont,M., Jamison,R.N.

Associations between daily chronic pain intensity, daily anger expression, and trait anger expressiveness: An ecological momentary assessment study

Pain 153 (2012)2352 - 8

+Bruehl,S.

Olsen,R.B., Tronstad,C., Sevre,K., Burns,J.W., Schirmer,H., Sivert Nilsen,C., Stubhaug,A., Rosseland,L.A.

Chronic pain-related changes in cardiovascular regulation and impact on comorbid hypertension in a general population : the Tromso study

Pain 159 (2018)119 - 27

+Bruera,E.

Macmillan,K., Hanson,J., MacDonald,R.N.

The cognitive effects of the administration of narcotic analgesics in cancer pain

Pain 39 (1989)13 – 6

+Brüggemann,L.

Bewertung von Richtigkeit und Präzision bei Analyseverfahren

GIT Labor – Fachzeitschr 2 (2002)153 – 6

+Brügger,A.

Über vertebrale, radikuläre und pseudoradikuläre Syndrome. Teil I: Vertebrale Syndrome

Documenta Geigy Acta Rheumatol 18 (1962)1 – 139 (Bibliothek)

- +Brügger,A.  
Über vertebrale, radikuläre und pseudoradikuläre Syndrome.  
Teil II: Pseudoradikuläre Syndrome Documenta Geigy, Acta  
Rheumatol 19 (1962)9 – 111 (Bibliothek)
- +Brumagne,S.  
Cordo,P., Lysens,R., Verschueren,S., Swinnen,S.  
  
The role of the paraspinal muscle spindles in lumbosacral  
position sense in individuals with and without low back pain  
  
Spine 25 (2000)989 – 94
- +Brumagne,S.  
Cordo,P., Verschueren,S.  
  
Proprioceptive weighting changes in persons with low back  
pain and elderly persons during upright standing  
  
Neurosci Lett 366 (2004)63 – 6
- +Brumovsky,P.R.  
Dorsal root ganglion neurons and tyrosine hydroxylase – an  
intriguing association with implications for sensations and  
pain  
  
Pain 157 (2016)314 - 20
- +Brune,K.  
How aspirin might work: a pharmokinetic approach  
  
Agents Actions 4 (1974)230 – 2
- +Brune,K.  
Furst,D.  
  
Combining enzyme specificity and tissue selectivity of  
cyclooxygenase inhibitors: toward better tolerability?  
  
Rheumatoloy (Oxford) 46 (2007)911 – 9
- +Brune,K.  
Hinz,B.  
  
The discovery and development of antiinflammatory drugs  
  
Arthritis Rheum 50 (2004)2391 – 9
- +Brune,K.  
Niederweis,U.  
  
Von der Weidenrinde zu den Coxiben: Entwicklung der  
antiphlogistischen Analgetika  
  
Schmerz 21 (2007)318 – 30
- +Brunelli,M.  
Castellucci,V., Kandel,E.R.  
  
Synaptic facilitation and behavioral sensitisation in Aplysia:  
possible role of serotonin and cyclic AMP  
  
Science 194 (1976)1178 – 81

- +Brunori,G. Schoch,J., Mercatelli,D., Ozawa,A., Toll,L., Cippitelli,A.  
Influence of neuropathic pain on nicotinic acetylcholine receptor plasticity and behavioral responses to nicotine in rats  
Pain 159 (2018)2179 - 91
- +Bruzek,R. Bieber-Zschau,M., Herz,A.  
Die Bauchmuskulatur als ventrales Aufrichtsystem?  
Manuelle Med 33 (1995)115 – 20
- +Bu,C. Hou,S., Ren,D., Wu,Y., Shang,W., Huang,W.  
Increased expression of Netrin-1 and ist deleted in colorectal cancer redeptor in human diseased lumbar intervertebral disc compared with autopsy control  
Spine 37 (2012)2074 - 81
- +Buchanan,F.F. Myles,P.S., Cicuttini,F.  
Patient sex and its influence on general anesthesia  
Anaesth Intensive Care 37 (2009)207 – 18
- +Buchbinder,R. Doctors with a special interest in back pain have poorer knowledge abaut how to treat back pain  
Spine 34 (2009)1218 - 26
- +Buchbinder,R. Jolley,D., Wyatt,M.  
Effects of a media campaign on back pain beliefs and its potential influence on the management of low back pain in general practice  
Spine 26 (2001)2535 – 42
- +Buchmann,J. Myofasziale Triggerpunkte.Pathophysiologie, Klinik und Therapie  
Manuelle Med 51 (2013)123 - 30
- Buchmann,J. et al. Sinn und Unsinn manueller Medizin in der Behandlung chronischer Schmerzen  
Manuelle Med 44 (2006)324
- +Buchmann,J. Arens,U., Harke,G., Smolenski,U., Kayser,R.

- Manualmedizinische Syndrome bei unteren Rückenschmerzen, Teil I. Differenzialdiagnostik und Therapie unter Einbeziehung osteopathischer Verfahren  
Manuelle Med 50 (2012)374 – 86  
+Buchmann,J.  
Arens,U., Harke,G., Smolenski,U.. Kayser,R.
- Manualmedizinische Syndrome bei unteren Rückenschmerzen:Teil II Differenzialdiagnostik und Therapie unter Einbeziehung osteopathischer Verfahren  
Manuelle Medizin 50 (2012a)475 - 84  
+Buchmann,J.  
Blümel,G., Beyer,L.
- Objektivierbare apparative Messung der Gewebsspannung mittels Tissue Tensiometer (TTM). Vergleich mit dem TTM in Triggerpunkt- und Referenzzonen bei triggerpunktassoziierten Schmerzsyndromen des Bewegungssystems – eine Pilotstudie  
Manuelle Med 45 (2007)191 – 4  
+Buchmann,J.  
Böhni,U., Frey,M., Psczolla,M., Smolenski,U.
- Stellungnahme zur so genannten „Osteopathie“. Gemeinsames Positionspapier von DGMM, SAMM, MWE/DAAO, DGMSM, ÄMM/BAOM und ESOMM  
Manuelle Med 47 (2009)456 - 7  
+Buchmann,J.  
Neustadt,B., Buchmann-Barthel,K., Rudolph,S., Klauer,T., Smolenski,U., Buchmann,H., Wagner,K.F., Haessler,F.
- Objective measurement of tissue tension in myofascial trigger point areas before and during the administration of anesthesia with complete blockieng of neuromuscular transmission  
Clin J Pain 30 (2014)191 - 8  
+Buchmann,J.  
Smolenski,U., Arens,U., Harke,G., Kayser,R
- Kopf- und Gesichtsschmerzsyndrome – manualmedizinische Differentialdiagnose unter Einbeziehung osteopathischer Anschauungen, Teil I  
Manuelle Med 46 (2008)82 - 92  
+Buchmann,J.  
Wende,K., Ihracky,D., Kundt,G.
- Gezielte manualmedizinische Untersuchung der Kopfgelenke vor, während und nach einer Intubationsnarkose mit vollständiger neuromuskulärer Blockade

- Manuelle Med 36 (1998)32 – 6  
+Buchmann,J.  
Wende,K., Kundt,G., Haessler,F.  
Manual treatment effects to the upper cervical apophyseal joints before, during and after endotracheal anesthesia: a placebo controlled comparison  
Am J Phys Med Rehab 84 (2005)251 – 7
- +Buchner,M.  
Neubauer,E., Schiltenwolf,M.  
Der Einfluss des Chronifizierungsgrades auf das Therapieergebnis bei multidisziplärer Schmerzbehandlung des chronischen Rückenschmerzes – eine prospektive klinische Untersuchung bei 387 Patienten  
Schmerz 20 (2006) Suppl.1, S 113
- +Buchner,M.  
Neubauer,E., Barie,A., Schiltenwolf,M.  
Komorbidität bei Patienten mit chronischen Rückenschmerzen  
Schmerz 21 (2007)218 – 25
- +Buchner,M.  
Neubauer,E., Zahlten-Hinguranage,A., Schiltenwolf,M.  
The influence of the grade of chronicity on the outcome of multidisciplinary therapy for chronic low back pain  
Spine 32 (2007)3060 - 6
- +Buchner,M.  
Zeifang,F., Brocail,D.R.C., Schiltenwolf,M.  
Epidural corticosteroid injection in the conservative management of sciatica  
Clin Orthop (2000)149 - 56
- +Buckwalter,J.A.  
Aging and degeneration of the human intervertebral disc  
Spine 20 (1995)1307 – 14
- +Buckwalter,J.B.  
Neuropeptide Y 1 receptor vasoconstriction in exercising canine skeletal muscles  
J Appl Physiol 99 (2005)2115 – 20
- Budge,E.A.T.W.  
The book of medicines: ancient Syrian anatomy, pathology and therapeutics (sic)  
London, Kegan Paul, 2002 (zit. Moayedi, 2014)
- +Buenaver,L.F.  
Edwards,R.R., Haythornthwaite,J.A.

- Pain-related catastrophizing and perceived social responses:  
Inter-relationships in the context of chronic pain  
*Pain* 127 (2007)234 - 42
- +Buer,N.  
Linton,S.J.  
Fear-avoidance beliefs and catastrophizing: occurrence and  
risk factor in back pain and ADL in the general population  
*Pain* 99 (2002)485 - 91
- Buerger,A.A.  
A controlled trial of rotational manipulation in low back pain  
*Man Med* 2 (1980)17 – 26 (zit. Woodhead & Clough, 2006)
- +Buerger,A.A.  
Experimental neuromuscular models of spinal manual  
techniques  
*Man Med* 1 (1983)10 – 7
- Buhle,J.T. – n -  
Kober,H., Ochsner,K.N., Mende-Siedlecki,P., Weber,J.,  
hughes,B.I., Kross,E., Atlas,L.Y., McRae,K., Wagner,T.D.  
Common representation of pain and negative emotion in the  
midbrain periaqueductal gray  
*Soc Cogn Affect Neurosci* 8 (2013)609 – 16 (zit. Egle et al.,  
2016)
- + Buhle,J.  
Wager,T.D.  
Does meditation training lead to enduring changes in the  
anticipation and experience of pain (commentary)  
*Pain* 150 (2010)382 - 3
- +Buirski,G.  
Silberstein,M.  
The symptomaticlumbar disc in patients with low-back pain.  
Magnetic resonance imaging appearances in both a  
symptomatic and control population  
*Spine* 18 (1993)1808 – 11
- Bullingham, R.E.  
McQuay,H.J., Moore,R.A.  
Clinical pharmacokinetics of narcotic agonist-antagonist drugs  
*Clin Pharmacokinet* 8 (1983)332 – 43 (zit. Heit & Gourlay,  
2008)
- +Bums,J.W.  
Bruehl,S., France,C.R., Schuster,E., Orlowska,D.,  
Buvanendran,A., Chont,M., Gupta,R.K.

Psychological factors predict opioid analgesia through endogenous opioid function

Pain 158 (2017)391 - 9

Bundesärztekammer et.al.

Nationale VersorgungsLeitlinie Chronische KHK

Dt Ärzteblatt 103 (2006)A2968 - 73

Bundesinstitut

für Arzneimittel und Medizinprodukte: Pressemitteilung vom 10. August 2005: neue Bewertung der kardiovaskulären Risiken von herkömmlichen Schmerz- und Rheumamitteln in der EU

[http://www.bfarm.de/nn\\_579170/DE/Presse/mitteil2005/pm\\_15-2005.html](http://www.bfarm.de/nn_579170/DE/Presse/mitteil2005/pm_15-2005.html). zuletzt geprüft: 1. März 2007 (zit. AMK, 2007)

+Bundesärztekammer (BÄK)

Kassenärztliche Bundesvereinigung (KBV), Arbeitsgemeinschaft der Wissenschaftlichen Medizinischen Fachgesellschaften (AWMF)

Nationale Versorgungsleitlinie Kreuzschmerz, Langfassung, Version 4-2010, last revised August 2013

[www.kreuzschmerz.versorgungsleitlinien.de](http://www.kreuzschmerz.versorgungsleitlinien.de)

Bundesärztekammer (BÄK)

<http://www.awmf.org/Leitlinien/detail/II/033-051.html>  
zugegriffen 1.3. 2018 (zit. Engel et al., 2018)

Bundesministerium

für Gesundheit und Soziale Sicherung: Krankheitskosten nach Alter und Geschlecht, 2002

Available at <http://www.gbe-bund.de>, accessed May, 2, 2005  
(zit Schneider & Schiltenwolf, 2005)

+Bunzli,S.

Smith,A., Watkins,R., Schütze,R.,O'Sullivan,P.

What do people who score highly on the Tampa scale of kinesiophobia really believe? A mixed methods investigation in people with chronic nonspecific low back pain

Clin J Pain 31 (2015)621 - 32

+Bunzli,S.

Watkins,R., Smith,A., Schütze,R., O'Sullivan,P.

Lifes on hold. A quantitative synthesis exploring the experience of chronic low bac k pain

Clin J Pain 29 (2013)907 - 16

+Bura,S.A.

Nadal,X., Ledent,C., Maldonado,R., Valverde,O.

A2A adenosin receptor regulates glia proliferation and pain after peripheral nerve injury

- Pain 140 (2008)95 - 103  
+Burdorf,A.  
van der Steenhoven,G.A., Tromp-Klaren,E.G.M.  
A one-year prospective study on back pain among novice golfers  
Am J Sports Med 24 (1996)659 – 64
- +Burgard,E.C.  
Nifuratos,W., van Biesen,T., Lynch,K.J., Touma,E.,  
Metzger,R.E., Kowaluk,E.A., Jarvis,M.F.  
P2X receptor-mediated ionic currents in dorsal root ganglion neurons  
J Neurophysiol 82 (1999)1590 – 8
- +Burgers,J.S.  
Cluzeau,F.A., Hanna,S.E., Hunt,C., Grol,R.  
Characteristics of high-quality guidelines: evaluation of 86 clinical guidelines developed in ten European countries and Canada  
Int J Technol Assess Health Care 19 (2003)148 – 57
- +Burgess,H.J.  
Burns,J.W., Buvendran,A., Gupta,R., Chont,M., Kennedy,M., Bruehl,S.  
Associations between sleep disturbance and chronic pain intensity and function. A test of direct and indirect pathways  
Clin J Pain 35 (2019)569 - 76
- +Bürk,G.  
Frosch,M., Zernikow,B.  
Muskuloskelettale Schmerzen  
Schmerz 14 (2000)340 - 5
- +Burke,J.G.  
Watson,R.W., McCormack,D., Dowling,F.E., Walsh,M.G., Fitzpatrick,J.M.  
Intervertebral discs which cause low back pain secrete high levels of proinflammatory mediators  
J Bone Joint Surg Br 84 (2002)196 – 201
- +Burke,J.G.  
Watson,R.W.G., Conhyea,D., McCormack,D., Dowling,F.E., Walsh,M.G., Fitzpatrick,J.M.  
Human nucleus pulposus can respond to a pro-inflammatory stimulus  
Spine 28 (2003)2685 – 93

- +Burkhardt,H. Wehling,M.  
Pharmakotherapie des Schmerzes bei älteren Patienten mit Nichtopioiden  
Schmerz 29 (2015)371 - 9
- +Berkart,K. Allaire,B., Boussein,M.L.  
Negative effects of long-duration spaceflight on paraspinal muscle morphology  
Spine 44 (2019)879 - 86
- +Burgstaller,J.M. Steurer,J., Gravestock,I., Brunner,F., Fekete,T.E., Pichierri,G., Ulrich,N.H., Winklhofer,S. Porchet,F., Farshad,M.  
Long-term results after surgical and non-surgical treatment in patients with degenerative lumbar spinal stenosis  
Spine 45 (2020)1030 - 8
- +Burkus,J.K. Gornet,M.F., Dickman,C.A., Zdeblick,T.A.  
Anterior lumbar interbody fusion using rhBMP-2 with tapered interbody cages  
J Spinal Disord Tech 15 (2002)337 – 49
- +Burnashev,N. Khodorova,A., Jonas,P., Helm,P.J., Wisden,W., Monyer,H., Seeburg,P.H., Sakmann,B.  
Calcium-permeable AMPA-kainate receptors in fusiform cerebellar glial cells  
Science 256 (1992)1566 – 70
- +Burnett,A. Sze,C.C., Tam,S.M., Yeung,K.M., Leong,M., Wang,W.T.J., Tan,B.K., O'Sullivan,P.  
A cross-cultural study of the back pain beliefs of female undergraduate healthcare students  
Clin J Pain 25 (2009)20 - 8
- +Burnett,M.G. Stein,S.C., Bartels,R.H.  
Cost-effectiveness of current treatment strategies for lumbar spinal stenosis: nonsurgical care, laminectomy, and X-STOP  
J Neurosurg Spine 13 (2010)39 – 43
- +Burns,J.W. Bruehl,S., Chung,O.K., Magid,E., Chont,M., Goodlad,J.K., Gilliam,W., Matsuura,J., Somar,K.

- Endogenous opioids may buffer effects of anger arousal on sensitivity to subsequent pain  
*Pain* 146 (2009)276 – 82  
+Burns,J.W.  
Quartana,P.J., Giliam;w., Matsuura,J., Nappi,C., Wolfe,B.  
Suppression of anger and subsequent pain intensity and behavior among chronic low back pain patients: the role of symptom-specific physiological reactivity  
*J Behav Med* (2011)DOI 10.1007/s10865-011-9347-3
- (+)Burns,S.A.  
Cleland,J.A., Cook,C.E., Bade,M., Rivett,D.A., Snodgrass,S.  
Variables describing individuals with improved pain and function with a primary complaint of low back pain: a secondary analysis  
*J Manipulat Physiol Ther* 41 (2018)467 - 74
- +Burnstock,G.  
Purinergic P2 receptors as targets for novel analgesics  
*Pharmacol Ther* 110 (2006)433 – 54
- +Burnstock,G.  
Acupuncture: a novel hypothesis for the involvement of purinergic signalling  
*Med Hypotheses* 73 (2009)470 – 2
- Burstein,R.  
Blake,P., Schain,A., Perry,C.  
Extracranial origin of headache  
*Curr Opin Neurol* 30 (2017)263 – 71  
doi.org/10.1097/WCO.0000000000000437 (zit. Bordoni et al., 2019)
- +Burston,J.J.  
Valdes,A.M., Woodhams,S., Mapp,P.I., Stocks,J.,  
Watson,D.J.G., Gowler,P.R.W., Xu,L. und weitere 8 Autoren  
The impact of anxiety on chronic musculoskeletal pain and the role of astrocyte activation  
*Pain* 160 (2019)658 - 69
- +Burton,A.K.  
Balague,F., Cardon,G., Eriksen,H.R., henrotin,Y., Lahad,A.,  
Leclerc, A., Müller,G., van der Beck,A.J.  
Chapter 2. European guidelines for prevention in low back pain  
*Eur Spine J* 15 (2006)Suppl 2, S136 – S168
- +Burton,A.K.  
Battie,M.C., Gibbons,L., Videman,T., Tillotson,K.M.

- Lumbar disc degeneration and sagittal flexibility  
J Spinal Disord 9 (1996a)418 – 24
- +Burton,A.K.  
Clarke,R.D., McClune,T.D., Tillotson,K.M.  
The natural history of low back pain in adolescents  
Spine 21 (1996)2323 – 8
- +Burton,A.K.  
McClune,T.D., Clarke,R.D., Main,C.J.  
Long-term follow-up of patients with low back pain attending  
for manipulative care: outcomes and predictors  
Man Ther 9 (2004)30 – 5
- +Burton,A.K.  
Tillotsen,K.M.  
Prediction of the clinical course of low-back trouble using  
multivariable models  
Spine 16 (1991)7 - 14
- +Burton,A.K.  
Tillotson,K.M., Cleary,J.  
Single-blind randomized controlled trial of chemonucleolysis  
and manipulation in the treatment of symptomatic lumbar  
disc herniation  
Eur J Spine 19 (2000)202 – 7
- +Burton,A.K.  
Tillotsen,K.M., Main,C.J., Hollis,S.  
Psychosocial predictors of outcome in acute and sub-chronic  
low back trouble  
Spine 20 (1995)722 – 8
- Burton,A.K.  
Waddell,G.  
Clinical guidelines in the management of low back pain  
Bailliere's Clin Rheumatol 12 (1998)17 – 35 (zit. Woodhead  
& Clough, 2006)
- +Burton,K.  
Polatin,P.B., Gatchel,R.J  
Psychosocial factors and the rehabilitation of patients with  
chronic work-related upper extremity disorders  
J Occup Rehabil 7 (1997)139 – 53
- +Burtscher,A.  
Breunig,I., Goetz,M., Hahn,P., Hron,U., Kraus,G., Lessmann,A.,  
Reppin,D., Schäfer,C., Seibold,I.

Multimodale Schmerztherapie für die Behandlung  
chronischer Schmerzen

Nervenheilkd 36 (2017)361 - 8

+Burwell,R. .

Cole,A.A., Cook,T.A., Grivas,T.R., Kiel,A.W., Moulton,A.,  
Thirlwall,A.S., Upadhyay,S.S., Wess,J.K., Wemyss-Holden,S.A.,  
Whitwell,D.J., Wojcik,A.S., Wythers,D.J.

Pathogenesis of idiopathic scoliosis: the Nottingham concept

Acta Orthop Belg 58 (1992) Suppl.1: 33 – 58

(+)Buscemi,A.

Martino,S., Campisi,S.S., Rapisarda,A., Coco,M.

Endocannabinoids release after osteopathic manipulative  
treatment. A brief review

J Compl Intergr Med (2020) online 18.6.2020,  
[doi.org/10.1515/jcim-2020-0013](https://doi.org/10.1515/jcim-2020-0013)

(+)Buscemi,V.

Chang,W.J., Liston,M.B., McAuley,J.H., Schabrun,S.M.

The role of perceived stress and life stressors in the  
development of chronic musculoskeletal pain disorders: a  
systematic review

J Pain (2019) [doi.org/10.1016/j.jpain.2019.02.008](https://doi.org/10.1016/j.jpain.2019.02.008)

+Busch,H.

Bodin,L., Bergström,G., Jensen,I.B.

Patterns of sickness absence a decade after pain-related  
multidisciplinary rehabilitation

Pain 152 (2011)1727 - 33

+Busch,H.

Göransson,S., Melin,B

Self-efficacy beliefs predict sustained long-term sick  
absenteeism in individuals with chronic musculoskeletal pain

Pain Practice 7 (2007)234 - 40

+Bush,K.

Cowen,N., Katz,D.E., Gishen,P.

The natural history of sciatica associated with disc pathology:  
a prospective study with clinical and independent radiologic  
follow-up

Spine 17 (1992)1205 – 12

+Bushnell,D.M.

Blum,S.I., Liedgens,H., Martin,M.L., Freynhaben,R.,  
Wallace,M., Argoff,C., Eerdekkens,M., Kok,M., Patrick,D.L.

Mixed-methods development of a new patient-reported outcome instrument for chronic low back pain : Part 2 – the Patient Assessment for Low Back Pain-Impacts (PAL-I)

Pain 159 (2018)2066 - 75

+Bushnell,M.C.

Ceko,M., Low,L.A.

Cognitive and emotional control of pain and its disruption in chronic pain

Nat Rev Neurosci 14 (2013)502 – 511

(-)Busse,J.W.

Ebrahim,S., Heels-Ansdell,D., Wang,L., Couhan,R., Walter,S.D.

Association of worker characteristics and early reimbursement for physical therapy, chiropractic and opioid prescriptions with workers' compensation claim duration, for cases of acute low back pain : an observational cohort study

BMJ Open 5 (2015)e007836  
[doi.org/10.1136/bmjopen.2015.007836](https://doi.org/10.1136/bmjopen.2015.007836)

+Busserolles,J.

Tsantoulas,C., Eschalier,A., Lopez Garcia,J.A.

Potassium channels in neuropathic pain : advances, challenges, and emerging ideas

Pain 157 (2016)Suppl. 1: S7 - 14

+Bussey,M.D.

Yanai,T., Milburn,P.

A non-invasive technique for assessing innominate bone motion

Clin Biomech 19 (2004)85 - 90

+Bussieres,A.E.

Stewart,G., Al-Zoubi,F., Decina,P., Descarreaux,M., Haskell,D., Hincapie,C., Pauw,I. und weitere 5 Autoren

Spinal manipulative therapy and other conservative treatments for low back pain: a guideline from the Canadian chiropractic guideline initiative

J Manipul Physiol Ther 41 (2018)265 – 93  
[doi.org/10.1016/j.jmpt.2017.12.004](https://doi.org/10.1016/j.jmpt.2017.12.004)

+Büssing,A.

Ostermann,T., Lüdtke,R., Michalsen,A.

Effects of yoga interventions on pain and pain-associated disability: a meta analysis

J Pain 13 (2012)1 – 9

- Bustami,F.M. A new description of the lumbar erector spinae muscle in man  
J Anat 144 (1986)81 – 91 (zit. Hansen et al., 2006)
- Buswell,J. Low back pain: a comparison of two treatment programmes  
N Z J Physiother 10 (1982)13 – 7 (zit. Hayden et al., 2005)
- +Butera,K.A. Fox,E.J., Bishop,M.D., Coombes,S.A., George,S.Z.  
Empirically derived back pain subgroups differentiated walking performance, pain and disability  
Pain 162 (2021)1806 – 15  
doi.org/10.1097/j.pain.0000000000002167
- +Butler,D. Trafimow,J.H., Anderson,G.B., McNeill,T.W., Huckman,M.S.  
Discs degenerate before facets  
Spine 15 (1990)111 – 3
- +Butler,R.J. Johnson,W.G  
Satisfaction with low back pain care  
Spine J 8 (2008)510 - 21
- +Butler,S.F. Budman,S.H., Fernandez,K., Jamison,R.N.  
Validation of a screener and opioid assessment measure for patients with chronic pain  
Pain 112 (2004)65 – 75
- +Butler,S.F. Budman,S.H., Fernandez,K.C., Houle,B., Benoit,C., Katz,N., Jamison,R.N.  
Development and validation of the Current Opioid Misuse Measure  
Pain 130 (2007)144 – 56
- +Butler,S.H. Back pain is complicated (commentary)  
Pain 150 (2010)380 – 1
- +Buttagat,V. Eungpinichpong,W., Chatchawan,U., Kharmwan,S.  
The immediate effects of traditional Thai massage on heart rate variability and stress-related parameters in patients with back pain associated with myofascial trigger points  
J Bodywork Movement Ther 15 (2011)15 - 23

- +Buttagat,V.  
Techakhot,P., Wiriya,W., Mueller,M., Areeudomwong,P.  
  
Effectiveness of traditional Thai self-massage combined with stretching exercises for the treatment of patients with chronic non-specific low back pain: A single-blinded randomized controlled trial  
  
J Bodywork Movem Ther (2019) in press:  
[doi.org/10.1016/j.jbmt.2019.03.017](https://doi.org/10.1016/j.jbmt.2019.03.017)
- +Byas-Smith,M.G.  
Chapman,S.L., Reed,B., Costonis,G.,  
  
The effects of opioid on driving and psychomotor performance in patients with chronic pain  
  
Clin J Pain 21 (2005)345 – 52
- +Bydon,A.  
Xu,R., Parker,S.L.; McGirt,M.J., Bydon,M., Gokaslan,Z.L., Witham,T.F.  
  
Recurrent back and leg pain and cyst reformation after surgical resection of spinal synovial cysts: systematic review of reported postoperative outcomes  
  
Spine J 10 (2010)820 - 6
- +Byfield,D.C.  
Mathiasen,J., Sangren,C.  
  
The reliability of osseous landmark palpation in the lumbar spine and pelvis  
  
Eur J Chiropractic 40 (1992)83 – 8
- +Byl,N.N.  
McKenzie,A., Wong,T., Hunt,T.K.  
  
Incisional wound healing: a controlled study of low and high dose ultrasound  
  
J Orthop Sports Phys Ther 18 (1993)619 – 28
- +Byl,N.N.  
McKenzie,A., West,J.M., Whitney,J.D., Hunt,T.K., Scheuenstuhl,H.A.  
  
Low-dose ultrasound effects on wound healing: a controlled study with Yucatan pigs  
  
Arch Phys Med Rehabil 73 (1992)656 – 64
- +Byl,N.N.  
Sinnott,P.L.  
  
Variations in balance and body sway in middle-aged adults: subjects with healthy backs compared with subjects with low-back dysfunction  
  
Spine 16 (1991)325 – 30

- +Byrd,J.W.T. Piriformis syndrome  
Oper Tech Sports Med 13 (2005)71 -9
- +Byrne,M., Troy,A., Bradley,L.A., Marchisello,P.J., Geisinger,K.J., van der Heide,L.H., Prieto,E.J.  
Cross validation of the factor structure of the McGill Pain Questionnaire  
Pain 13 (1982)193 – 201
- +Byun,W.M. Ahn,S.H., Ahn,M.W.  
Significance of perianular enhancement associated with anular tears on magnetic resonance imagings in diagnosis of radiculopathy  
Spine 33 (2008)2440 - 3
- +Buyruk,H.M. Stam,H.J., Snijders,C.J., Lameris,J.S., Holland,W.P.J., Stijnen,T.H.  
Measurement of sacroiliac joint stiffness in peripartum pelvic pain patients with doppler imaging of vibrations (DIV)  
Eur J Obstet Gynecol Reprod Biol 83 (1999)159 – 63
- (+)Cabana,M.D. Rand,C.S., Powe,N.R., Wu,A.W.,Wilson,N.H., Abbud,P.A.C., Rubin,H.R.  
Why don't physicians follow clinical practice guidelines? A framework for improvement  
JAMA 282 (1999)1458 – 65 (Internetzugriff 23.7.2017)
- +Cabot,P.J. Carter,L., Gaiddon,C., Zhang,Q., Schäfer,M., Loeffler,J.P., Stein,C.  
Immune cell-derived beta – endorphin: production, release and control of inflammatory pain in rats  
J Clin Invest 100 (1997)142 – 8
- Cadwell,J. et al. The effects of repetitive motion on lumbar flexion and Erector spinae muscle activity in rowers  
Clin Biomech 18 (2003)704 – 11 (zit Farasyn & Meeusen, 2005)
- +Cagnie,B. Vinck,E., Beerneart,A., Cambier,D.  
How common are side effects of spinal manipulation and can these side effects be predicted?

Man Ther 9 (2004)151 – 6

+Cai,X.Y.

Xiong,L.M., Yang,S.H., Shao,Z.W., Xie,M., Gao,F., Ding,F.

Comparison of toxicity effects of ropivacaine, bupivacaine, and lidocaine on rabbit intervertebral disc cells in vitro

Spine J 14 (2014)483 - 90

+Cairns,B.E.

Dong,X., Mann,M.K., Svensson,P., Sessle,B.J., Arendt-Nielsen,L., McErlane,K.M.

Systemic administration of monosodium glutamate elevates intramuscular glutamate levels and sensitizes rat masseter muscle afferent fibers

Pain 132 (2007)33 - 41

-Cairns,M.

Foster,N., Wright,C.

A pragmatic randomized controlled trial of specific spinal stabilization exercises and conventional physiotherapy in the management of recurrent lumbar spine pain and dysfunction

Proceedings of the 7<sup>th</sup> Scientific Conference of the International Federation of Orthopaedic Manipulative Therapists. Perth, Australia, 2000, pp 91 – 95 (zit. Ferreira et al., 2006)

Cairns,M.C.

Foster,N., Wright,C.

Randomized controlled trial of specific spinal stabilisation exercises and conventional physiotherapy for recurrent low back pain

Spine 31 (2006)E670 – 81

+Caldwell,J.S.

McNair,P.J., Williams,M.

The effects of repetitive motion on lumbar flexion and erector spinae muscle activity in rowers

Clin Biomech 18 (2003)704 - 11

+Calendo,L.R.

Taeymans,J., Rogan,S.

Hat die Aktivierung der Muskulatur durch Ganzkörpervibration einen Effekt auf die Knochendichte von postmenopausalen Frauen? Eine systematische Literaturübersicht

Sportverl Sportschad 28 (2014)125 - 31

[http://www.cwci.org/icis/ViewReport.CFM?  
&ReportIndex=19](http://www.cwci.org/icis/ViewReport.CFM?&ReportIndex=19). Accessed 3-10-05. 2004 (zit Cates,J.R. et al., 2006)

- +Calignano,A.  
la Rana,G., Giuffrida,A., Piomelli,D.  
  
Control of pain initiation by endogenous cannabinoids  
  
Nature 394 (1998)277 – 81
- +Calin,A.  
Porta,J., Frics,J.R., Schurman,D.J.  
  
Clinical history as a screening test for ankylosing spondylitis  
  
JAMA 237 (1977)2613 – 4
- +Callaghan,J.P.  
Dunk,N.M.  
  
Examination of the flexion relaxation phenomenon in erector spinae muscles during short duration slumped sitting  
  
Clin Biomech (Bristol, Avon) 17 (2002)353 – 60
- +Callaghan,J.  
McGill,S.  
  
Interverbral disc herniation: studies on a porcine model exposed to highly repetitive flexion/extension motion with compressive force  
  
Clin Biomech 16 (2001)27 – 37
- +Callsen-Cecic,P.  
Hoheisel,U., Kaske,A., Mense,S., Tenschert,S.  
  
The controversy about spinal neuronal nitric oxide synthase: under which conditions is it up- or down-regulated?  
  
Cell Tissue Res 295 (1999)183 – 94
- +Calmels,P.  
Jacob,J.F., Fayolle-Minon,I., Charles,C., Bouchet,J.P., Rimaud,D., Thomas,T.  
  
Use of isokinetic techniques vs standard physiotherapy in patients with chronic low back pain. Preliminary results  
  
Ann Readapt Med Phys 47 (2004)20 – 7
- +Calmels,P.  
Queneau,P., Hamonet,C., le Pen,C., Maurel,F., Lerouvreur,C., Thoumie,P.  
  
Effectiveness of a lumbar belt in subacute low back pain  
  
An open, multicentric, and randomized clinical study  
  
Spine 34 (2009)215 - 220

- +Calvo-Munoz,I.  
Kovacs,F.M., Roque,M., Fernandez,I.G., Calvo,J.S.  
Risk factors in low back pain in childhood and adolescence. A systematic review  
*Clin J Pain* 34 (2018)468 - 84
- +Camacho-Soto,A.  
Sowa,G.A., Perera,S., Weiner,D.K.  
Fear avoidance beliefs predict disability in older adults with chronic low back pain  
*Phys Med Rehabil* 4 (2012)493 - 7
- +Cambron,J.A.  
Gudavalli,M.R., Hedecker,D., McGregor,M., Jedlicka,J., Keenum,M., Ghanayem,A.J., Patwardhan,A., Furner,S.E.  
One-year follow-up of a randomized clinical trial comparing flexion distraction with an exercise for chronic low back pain  
*J Altern Complement Med* 12 (2006)659 – 68
- +Cameron,A.A.  
Khan,I.A., Westlund,K.N., Willis,W.D.  
The efferent projections of the periaqueductal grey in the rat: a Phaseolus vulgaris – leucoagglutinin study. II. Descending projections  
*J Comp Neurol* 351 (1995)585 – 601
- Cami,J.  
Farre,M.  
Drug addiction  
*N Engl J Med* 349 (2003)975 – 86 (zit Ballantyne & Sullivan, 2017)
- +Campbell,C.M.  
Edwards,R.R.  
Mind-body interactions in pain: the neurophysiology of anxious and catastrophic pain related thoughts  
*Transf Res* 153 (2009)97 – 101
- +Campbell,C.M.  
Edwards,R.R., Carmona,C., Uhart,M., Wand,G., Carteret,A., Kim,Y.K., Frost,J., Campbell,J.N.  
Polymorphisms in the GTP cyclohydrlase gene (GCH1) are associated with ratings of capsaicin pain  
*Pain* 141 (2009)114 – 8
- +Campbell,C.M.  
Witmer,K., Simango,M., Carteret,A., Loggia,M.L., Campbell,J.N., Haythornthwaite,J.A., Edwards,R.R.

- Catastrophising delays the analgesic effect of distraction  
Pain 149 (2010)202 - 7
- +Campbell,G.  
Bruno,R., Darke,S., Shand,F., Hall,W., Farrell,M.,  
Degenhardt,L.  
Prevalence and correlates of suicidal thoughts and suicide  
attempts in people prescribed pharmaceutical opioids for  
chronic pain  
Clin J Pain 32 (2016)292 - 301
- +Campbell,J.N.  
Nerve lesions and the generation of pain  
Muscle Nerve 24 (2001)1261 – 73
- +Campbell,J.N.  
Commentary: How does topical lidocaine relieve pain  
Pain 153 (2012)255 – 6
- +Campbell,J.N.  
Raja,S.N., Meyer,R.A., Mackinnon,S.E.  
Myelinated afferents signal the hyperalgesia associated with  
nerve injury  
Pain 32 (1988)89 – 94
- +Campbell,P.  
Bishop,A., Dunn,K.M., Main,C.J., Thomas,E., Foster,N.E.  
Conceptual overlap of psychological constructs in low back  
pain  
Pain 154 (2013)1783 - 91
- +Campbell,W.W.  
Vasconcelos,O., Laine,F.L.  
Focal atrophy of the multifidus muscle in lumbosacral  
radiculopathy  
Muscle Nerve 21 (1998)1350 -3
- Campello,M.  
Nordin,M., Weiser,S.  
Physical exercise and low back pain  
Scand J Med Sci Sports 6 (1996)63 – 72 (zit. Heneweer et al.,  
2009)
- +Campello,M.A.  
Weiser,S.R., Nordin,M., Hiebert,R.  
Work retention and non-specific low back pain  
Spine 31 (2006)1850 – 7

- Camponetto,V. Deodato,M., Robotti,M. et al.  
Comorbidities of primary headache disorders: a literature review with meta-analysis  
*J Headche Pain* 22 (2021)71 (so zitiert Diener, 2022)
- +Canbay,A. . Jochum,C., Bechmann,L.P., Festag,S., Gieseler,R.K., Yüksel,Z., Lütkes,P., Saner,F.H., Paul,A., Gerken,G.  
Acute liver failure in a metropolitan area in Germany: a retrospective study (2002 – 2008). *Akutes leberversagen I Deutschland (2002-2008)*  
*Z Gastroenterol* 47 (2009)807 – 13
- +Cancelliere,C. Donovan,J., Stochkendahl,M.J., Biscardi,M., Ammendolia,C., Myburgh,C., Cassidy,J.D.  
Factors affecting return to work after injury or illness: best evidence synthesis of systematic reviews  
*Chiropr Man Ther* 24 (2016)32: 1 - 64
- +Cannon,C.P. Curtis,S.P., FitzGerald,G.A., Krum,H., Kaur,A., Bolognese,J.A., Reicin,A.S., Bombardier,C., Weinblatt,M.E., van der Heijde,D., Erdmann,E., Laine,L.  
Cardiovascular outcomes with etoricoxib and diclofenac in patients with osteoarthritis and rheumatoid arthritis in the Multinational Etoricoxib and Diclofenac Arthritis Long-term (MEDAL) programme: a randomized comparison  
*Lancet* 386 (2006)1771 - 81
- +Cannon,J.T. Prieto,G.J., Lee,A., Liebeskind,J.C.  
Evidence for opioid and non-opioid forms of stimulation-produced analgesia in the rat  
*Brain Res* 243 (1982)315 – 21
- +Cao,C. Zou,J., Liu,X., Shapiro,A., Moral,M., Luo,Z., Shi,Q., Liu,J., Yang,H., Ebraheim,N.  
Bone marrow mesenchymal stem cells slow intervertebral disc degeneration through the NF-kappaB pathway  
*Spine J* 15 (2015)530 - 8
- Cao,C. et al. Kinematic study of thorax flexion and extension relative to pelvis for computer simulation of sitting  
In: American Society of Mechanical Engineers, Bioengineering Division, ed.: *Advances in Bioengineering*. New York,

American Society of Mechanical Engineers, 1994, 89 – 90 (zit.  
Cargill et al., 2007)

+Cao,J.L.  
Ruan,J.P., Ling,D.Y., Guan,X.H., Bao,Q., Yuan,Y., Zhang,L.C.,  
Song,X.J., Zeng,Y.M.

Activation of peripheral ephrinBs/EphBs signaling induces hyperalgesia through a MAPKs-mediated mechanism in mice

Pain 139 (2008)617 – 31

+Cao,P.  
Jiang,L., Zhuang,C., Yang,Y., Zhang,Z., Chen,W., Zheng,T.

Intradiscal injection therapy for degenerative chronic discogenic low back pain with endplate Modic changes

Spine J 11 (2011)100 - 6

+Cao,Z.  
Dai,W., Zhang,R., Chen,L., Yang,X., Hu,L., Chiang,L.Y., Liu,W.

Opening of the adenosin triphosphat-sensitive potassium channel attenuates morphin tolerance by inhibiting JNK and astrocyte activating in the spinal cord

Clin J Pain 32 (2016)617 – 23

+Capobianco,R.A.  
Feeney,D.F., Jeffers,J.R., Nelson-Wong,E., Morreale,J.,  
Grabowski,A.M., Enoka,R.M.

Patients with sacroiliacal joint dysfunction exhibit altered movement strategies when performing a sit to stand task

Spine J 18 (2018)1434 - 40

+Capogna,G.  
Celleno,D., Simonetti,C., Lupoi,D.

Anatomy of the lumbar epidural region using magnetic resonance imaging : a study of dimensions and a comparison of two postures

Int J Obstet Anesth 6 (1997)97 – 100

Capossela,S.  
Pavlicek,D., Bertolo,A., Landmann,G., Stoyanov,J.V.

Unexpectedly decreased plasma cytokines in patients with low back pain

J Pain Res 11 (2018)1191 – 8 doi.org/10.2147/JPR.S153872

+Car,J.  
Sheik,A.

10 minute consultation: Acute low back pain

BMJ 327 (2003)541

- +Caraceni,A. Hanks,G., Kaasa,S.,Bennett,M.J., Brunelli,C., Cherry,N., Dale,A., de Conno,F. und weitere 17 Autoren  
Use of opioid analgesics in the treatment of cancer pain : evidence-based recommendations from the EAPC  
*Lancet Oncol* 13 (2012)e58 - 68
- Caragan,C. – n - Tang,P.Y., Slack,M., Leiber,J.D., Koskinen,J., Zust,D., Cragun,T.  
Pilot clinical study of osteopathic manipulative treatment in pregnant patients with acute low back pain  
*Int J Osteopath Med* 11 (2008)155 (nur kostenpflichtig im Internet)
- +Cardiel,M.H. Rojas-Serrano,J.  
Community-based study to estimate prevalence, burden of illness and help seeking behavior in rheumatic diseases in Mexico City. A COPCORD study  
*Clin Exp Rheumatol* 20 (2002)617 – 24
- Cardillo,J. Smith,A.  
Goal Attainment Scaling : Application, Theory and Measurement. Hillsdale,NJ, Lawrence Erlbaum Association, 1994 (zit. Hazard, 2013)
- +Cardoso-Cruz,H. Sousa,M., Viera,J.B., Lima,D., Galhardo,V.  
Prefrontal cortex and mediodorsal thalamus reduced connectivity is associated with spatial working memory impairment in rats with inflammatory pain  
*Pain* 154 (2013)2397 - 2406
- +Carette,S. Leclaire,R., Marcoux,S., Morin,F., Blaise,G.A., St.Pierre,A., Truchon,R., Parent,F., Levesque,J., Bergeron,V., Montimny,P., Blanchette,C.  
Epidural corticosteroid injections for sciatica due to herniated nucleus pulposus  
*N Engl J Med* 336 (1997)1634 – 40
- Carew,T.J. Pinsker,H.M., Kandel,E.R.  
Long-term habituation of a defensive withdrawal reflex in Aplysia  
*Science* 175 (1972)451 – 54 (zit Beyer, 2009)

- +Carey,P.F. A report of the occurrence of cerebral vertebral accidents in chiropractic practice  
J Can Chiropr Assoc 37 (1993)104 – 6
- +Carey,T.S. Evans,A.T., Hadler,N.M., Nortin,M., Lieberman,G., Kalsbeek,W.,D., Jackman,A.M., Fryer,J.G., McNutt,R.A.  
Acute severe low back pain. A population based study of prevalence and care-seeking  
Spine 21 (1996)339 - 44
- +Carey,T.S. Freburger,J.K., Holmes,G.M., Castel,Liana,Darter,J., Agans,R., Kalsbeek,W., Jackman,A.  
A long way to go: practice patterns and evidence in chronic low back pain care  
Spine 34 (2009)718 - 24
- +Carey,T.S. Garrett,J.M., Jackman,A.M.  
Beyond the good prognosis. Examination of an inception cohort of patients with low back pain  
Spine 25 (2000)115 – 20
- +Carey,T.S. Garrett,J.M., Jackman,A., Hadler,N.  
Recurrence and care seeking after acute back pain: results of a long-term follow-up study. North carolina Back Pain Project  
Med Care 37 (1999)157 – 64
- +Carey,T.S. Garrett,J., Jackman,A., McLaughlin,C., Fryer,J., Smucker,D.R.,  
The outcomes and costs of care for acute low back pain among patients seen by primary care practitioners, chiropractors, and orthopaedic surgeons  
N Eng J Med 333 (1995)913 – 7
- +Carey,T.S. Evans,A., Hadler,N., Lieberman,G., Kalsbeek,W., Jackman,A.,Fryer,J., McNutt,R.  
Acute severe low back pain. A population based study of prevalence and care-seeking  
Spine 21 (1996)339 - 44
- +Cargill,S.C. Pearcy,M., Barry,M.D.  
Three-dimensional lumbar spine postures measured by magnetic resonance imaging reconstruction

- Spine 32 (2007)1242 - 8  
+Carlesso,C. Piva,S.R., Smith,C., Ammendolia,C., Schneider,M.J.  
Responsiveness of outcome measures in nonsurgical patients with lumbar spinal stenosis. A secondary analysis from a randomized controlled trial
- Spine 46 (2021)788 – 95  
doi.org/10.1097/BRS.0000000000003920
- +Carlisle,E. Luna,M., Tsou,P.M., Wang,J.C.  
Percent spinal canal compromise on MRI utilized for predicting the need for surgical treatment in single-level lumbar disc herniation  
Spine J 5 (2005)608 – 14
- +Carlson,L.E. Speca,M., Patel,K.D., Gooday,E.  
Mindfulness-based stress reduction in relation to quality of life, mood, symptoms of stress, and immune parameters in breast and prostate cancer outpatients  
Psychosom Med 65 (2003)571 – 81
- +Carlton,S.M. Peripheral NMDA receptors revisited – hope floats (commentary)  
Pain 146 (2009)1 - 2
- +Carlton,S.M. Coggeshall,R.E.  
Immunohistochemical localization of 5-HT 2A receptors in peripheral sensory axons in rat glabrous skin  
Brain Res 763 (1997)271 – 5
- +Carlton,S.M. Hargett,G.L., Coggeshall,R.E.  
Localisation and activation of glutamate receptors in unmyelinated axons of rat glabrous skin  
Neurosci Lett 197 (1995)25 – 8
- +Carlton,S.M. Zhou,S., Du,J., Hargett,G.L., Ji,G., Coggeshall,R.E.  
Somatostatin modulates the transient receptor potential vanilloid 1 (TRPV-1) ion channel  
Pain 110 (2004)616 – 27
- +Carmichael,J.P. Intra- and extra-examiner reliability of palpation for sacroiliac joint dysfunction

- J Manipulative Physiol Ther 10 (1987)164 – 71  
+Carney,S.L. Billingham,M.E.J., Muir,H., Sandy,J.D.  
Structure of newly synthesised (35-S)-proteoglycans and (35-S)-proteoglycan turnover products of cartilage explant cultures from dogs with experimental osteoarthritis
- J Orthop Res 3 (1985)140 – 7  
+Carnide,N. Hogg-Johnson,S., Cote,P., Irvin,E., van Eerd,D., Koehoorn,M., Furlan,A.D.  
Early prescription opioid use for musculoskeletal disorders and work outcomes. A systematic review of the literature
- Clin J Pain 33 (2017)647 - 58  
+Carosella,A.M. Lackner,J.M., Feuerstein,M.  
Factors associated with early discharge from a multidisciplinary work rehabilitation program for chronic low back pain
- Pain 57 (1994)69 – 76  
+Carpenter,D.M. Nelson,B.  
Low back strengthening for the prevention and treatment of low back pain
- Med Sci Sports Exerc 31 (1999)18 – 24  
+Carpenter,K.M., Stoner,S.A., Mundt,J.M., Stoelb,B.  
An online self-help CBT intervention for chronic lower back pain
- Clin J Pain 28 (2012)14 - 22  
+Carpino,G. Tran,S., Currie,S., Enebo,B., Davidson,B.S., Howarth,S.J.  
Does manual therapy affect functional and biomechanical outcomes of a sit-to-stand task in a population with low back pain? A preliminary analysis
- Chiropr Man Ther 28 (2020)5 doi.org/10.1186/s12998-019-0290-7  
+Carr,D. Gilbertson,I., Frymoyer,J., Krag,M., Pope,M.  
Lumbar paraspinal compartment syndrome. A case report with physiologic and anatomic studies.
- Spine 10 (1985)816 – 20

- +Carragee,E.J. Clinical practice. Persistent low back pain  
N Engl J Med 352 (2005)1891 – 8
- Carragee,E. Surgical treatment of lumbar disc disorders  
JAMA 296 (2006)2441 – 50
- +Carragee,E.J. Point of view  
Spine 32 (2007b)1100
- +Carragee,E.J. Validity of self-reported history in patients with acute back or neck pain after motor vehicle accidents  
Spine J 8 (2008)311 - 9
- +Carragee,E.J. The rise and fall of the “minimum clinically important difference” (editorial)  
Spine J 10 (2010)283 – 4
- +Carragee,E.J. Intradiscal treatment of back pain (editorial)  
Spine J 11 (2011)97 - 9
- Carragee,E.J. Alamin,T.F.  
A prospective assessment of patients expectations and satisfaction in spinal fusion surgery  
Proc Int Soc Study Lumbar Pain, Vancouver, 2003, S. 74 (zit. Carragee et al., 2006b)
- +Carragee,E.J. Alamin,T., Carragee,J.M.  
Low-pressure positive discography in subjects asymptomatic of significant low back pain illness  
Spine 31 (2006d)505 – 9
- +Carragee,E.J., Alamin,T., Cheng,I., Franklin,T., Hurwitz,E.  
Does minor trauma cause serious low back illness?  
Spine 31 (2006c)2942 - 9
- +Carragee,E.J. Chen,Y., Tanner,C.M., Truong,T., Lau,E., Brito,J.L.  
Provocative discography in patients after limited lumbar discectomy: a controlled, randomized study of pain response in symptomatic and asymptomatic subjects  
Spine 25 (2000c)3065 – 71

- Carragee,E.J. Chen,Y., Tanner,C.M.  
Can discography cause long-term back syndroms in previously asymptomatic subjects?  
Spine 25 (2000d)1803 – 8 (zit Kepler et al. 2013)
- +Carragee,E.J. Cheng,I  
Minimum acceptable outcomes after lumbar spinal fusion  
Spine J 10 (2010)313 - 20
- +Carragee,E.J. Cohen,S.P.  
Lifetime asymptomatic for back pain: the validity of self-report measures in soldiers  
Spine 34 (2009)978 – 83
- +Carragee,E.J. Don,A.S., Hurwitz,E.L., Cuellar,J.M., Carrino,J., Herzog,R.  
2009 ISSLS prize wimmer: Does discography cause accelerated progression of degeneration changes in the lumbar disc. A ten-year matched cohort study  
Spine 34 (2009a)2338 – 45  
Spine J 9 (2009a)Suppl. 4S
- +Carragee,E.J., Haldeman,S., Hurwitz,E.  
Editorial: The pyrite standard: the Midas touch in the diagnosis of axial pain syndromes  
Spine J 7 (2007a)27 -31
- +Carragee,E.J. Paragioudakis,S.J., Khurana,S.  
2000 Volvo Award winner in clinical studies: Lumbar high-intensity zone and discography in subjects without low back problems  
Spine 25 (2000b)2987 – 92
- +Carragee,E.J. Tanner,C.M., Yang,B., Brito,J.L., Truong,T.  
False-positive findings on lumbar discography: reliability of subjective concordance assessment during provocative disc injection  
Spine 24 (1999)2542 – 7
- +Carragee,E.J. Tanner,C.M., Khurana,S., Hayward,C., Welsh,J., Date,E., Truong,T., Rossi,M., Hagle,C.

- The rates of false-positive lumbar discography in select patients without low back symptoms  
Spine 25 (2000a)1373 – 80
- Carragee,E.J. et al.  
Provocative discography in volunteer subjects with mild persistent low back pain  
Spine J 2 (2002)25 – 34 (zit. Carragee et al., 2006a)
- Carragee,E. et al.  
Are first-time episodes of serious LBP associated with new MRI- findings?  
Spine J 6 (2006a)624 – 35
- Carragee,E.J. et al.  
A gold standard evaluation of the “discogenic pain” diagnosis as determined by provocative discography  
Spine 31 (2006b)2115 – 23
- (-)Carrasco-Martinez,F.  
Ibanez-Vera,A.J., Martinez-Amat,A., Hita-Contreras,F., Lomas-Vega,R.  
Short-term effectiveness of the flexion-distractioin technique in comparison with higt-velocity vertebral manipulation in patients suffering from low-back pain  
Complement Ther Med 44 (2019)61 – 7  
[doi.org/10.1016/j.ctim.2019.02.012](https://doi.org/10.1016/j.ctim.2019.02.012)
- +Carreon,L.Y.  
Berven,S.H., Djurasovic,M., Bratcher,K.R., Glassman,S.D.  
The discriminative properties of the SF-6D compared with the SF-36 and ODI  
Spine 38 (2013)60 -4
- +Carreon,L.Y.  
Bratcher,K.R., Ammouns,F., Glassman,S.D.  
Cost-effectiveness of lumbar epidural steroid injections  
Spine 43 (2018)35 - 40
- +Carreon,L.Y.  
Bratcher,K.R., Ammour,F., Glassman,S.D.  
Cost-effectiveness of lumbar epidural steroid injection  
Proceedings of the 29<sup>th</sup> annual meeting of the North American Spine Society  
Spine J 14 (2014)11S: 29S
- +Carreon,L.Y.  
Bratcher,K.R., Das,N., Nienhuis,J.B., Glassman,S.D.

Estimating EQ-5D values from the Oswestry Disability Index and Numeric Rating Scales for back and leg pain

Spine 39 (2014)678 - 82

+Carreon,L.Y.

Glassman,S.D., Djurasovic,M., Dimar,J.R., Johnson,J.R., Puno,R.M., Campbell,M.J.

Are preoperative health-related quality of life scores predictive of clinical outcomes after lumbar fusion?

Spine 34 (2009)725 - 30

Carroll,I.

Gaeta,R., Mackey,S.

Multivariate analysis of chronic pain patients undergoing lidocaine infusions: increasing pain severity and advancing age predict likelihood of clinical meaningful analgesia

Clin J Pain 23 (2007)702 - 6

+Carroll,L.J.

Cassidy,J.D., Cote,P.

Depression as a risk factor for onset of an episode of troublesome neck and low back pain

Pain 107 (2004) 134 -9

+Carson,J.W.

Carson,K.M., Porter,L.S., Keefe,F.J., Shaw,H., Miller,J.M.

Yoga for women with metastatic breast cancer: results from a pilot study

J Pain Symptom Manage 33 (2007)331 – 41

Carter,O.D.

Haynes,S.G.

Prevalence rates for scoliosis in US adults: Results from the National Health and Nutrition Examination Survey

Int J Epidemiol 16 (1987)537 – 44 (zit. Schwab et al., 2006)

+Caruso,R.

Ostuzzi,G., Turrini,G., Ballette,F., Recla,E., Dall'Olio,R., Croce,E., Casoni,B., Grassi,L., Barbui,C.

Beyon pain: can antidepressants improve depressive symptoms and quality of life in patients with neuropathic pain? A systematic review and meta-analysis

Pain 160 (2019)2186 - 98

+Carvalho,C.

Caetano,J.M., Cunha,L., Rebouta,P., Kapitshuk,T.J., Kirsch,I.

Open-label placebo treatment in chronic low back pain: a randomized controlled trial

- Pain 157 (2016)2766 - 72  
+Carvalho,C.  
Pais,M., Cunha,L., Rebouta,P., Kaptchuk,T.J., Kirsch,I.  
Open-label placebo for chronic low back pain: a five-year follow-up  
Pain 162 (2021)1521 – 7  
[doi.org/10.1097/j.pain.0000000000002162](https://doi.org/10.1097/j.pain.0000000000002162)
- Carvalho Felicio,D.  
siehe Felicio,D.C.
- +Casale,R.  
Acute low back pain: symptomatic treatment with a muscle relaxant drug  
Clin J Pain 4 (1988)81 – 8
- +Casey,K.L.  
Minoshima,S., Morrow,T.J., Koeppe,R.A.  
Comparison of human cerebral activation pattern during cutaneous warmth, heat pain and deep cold pain  
J Neurophysiol 76 (1996)571 – 81
- Cashin,A.G  
Folly,T., Bagg,M.V., Wewege,M.A., Jones,M.D., Ferraro,M.C., Leake,H.B., Rizzo,R.N.N. und 5 weitere Autoren  
Effects, acceptability, and safety of muscle relaxants for adults with non-specific low back pain: systematic review with meta-analysis  
BMJ 374 (2021)n1446 [doi.org/10.1136/bmj.n1446](https://doi.org/10.1136/bmj.n1446)
- +Cashman,B.  
The ilio-lumbar ligament syndrome (letter)  
Br J Rheumatol 25 (1986)228 – 99 (so zit. Ammer, 2010)
- +Caspersen,C.J.  
Powell,K.E., Christenson,G.M.  
Physical activity, exercise, and physical fitness: definitions and distinctions for health-related research  
Public Health Rep 100 (1985)126 - 31
- +Caspi,A.  
Sugden,K., Moffitt,T.E., Taylor,A., Craig,I.W., Harrington,H., McClay,J., Mill,J., Martin,J., Braithwaite,A., Poulton,R.  
Influence of life stress on depression: moderation by a polymorphism in the 5-HTT gene  
Science 301 (2003)386 – 9
- +Caspi,O.  
Millen,C., Sechrest,L.

Intergity and research: Introducing the concept of dual blindness. How blind are double-blind clincal trials in alternative medicine?

J Altern Complement Med 6 (2006)493 - 498

-Cassano,P. et al.

Topiramate for self mutilation in a patient with borderline personality disorder

Bipolar Disord 3 (2001)161 (zit. Muehlbacher et al., 2006)

+Cassel,C.K.

Guest,J.A.

Choosing wisely: helping physicians and patients make smart decisions about their care

JAMA 307 (2012)1801 -2

+Casser,H.-R.

Risikostratifizierung von chronifizierungsgefährdeten und chronischen muskuloskeletalen Schmerzsyndromen in einer Versorgungskette von Primärversorgung, Spezialambulanz, Tagesklinik und Krankenhaus

Schmerz 20 (2006) Suppl, 36

+Casser,H.-R.

Die Klassifizierungsmöglichkeiten beim Kreuzschmerz – organisch – psychosozial – neurophysiologisch

Schmerz 21 (2007)Suppl., 12 -3

+Casser,H.R.

Interdisziplinäres multidimensionales Assessment beim Rückenschmerz – Zeitpunkt und Vorgehensweise: Im Rahmen der Erstversorgung oder erst bei Therapieresistenz?

Abstracts Deutscher Schmerzkongress 2008

Schmerz 22 (2008)Suppl 2: 99

+Casser,H.R.

Der chronische untere Rückenschmerz: Risikofaktoren, Differentialdiagnostik und Behandlungsstrategien

Nervenheilkunde 27 (2008)251 - 63

+Casser,H.R.

Arnold,B., Gralow,I., Irnich,D., Klimczyk,K., Nagel,B., Pfingsten,M., Schiltenwolf,M., Sittl,R., Söllner,W.

Interdisziplinäres Assessment zur multimodalen Schmerztherapie. Indikation und Leistungsumfang

Schmerz 27 (2013)363 - 70

+Casser,H.

Böhni,U., Locher,H.

- Translationale Forschung und Konsequenzen als Grundlage mechanismenorientierter Diagnostik und Therapie von schmerzkranken Patienten
- Schmerz 26 (2012)Suppl.1: 39 - 40
- +Casser,H.R.
- Schaible,H.G.
- Muskuloskeletaler Schmerz
- Schmerz 29 (2015)486 - 95
- +Casser,H.R.
- Seddigh,S., Rauschmann,M.
- Akuter lumbaler Rückenschmerz. Diagnostik, Differenzialdiagnostik und Therapie
- Dt Ärztebl 113 (2016)223 - 34
- +Casser,H.R.
- Seddigh,S., Rauschmann,M.
- Diskussion: Schlusswort
- Dt. Ärztebl 113 (2016a)563 - 4
- +Cassidy,E.L.
- Atherton,R.J., Robertson,N., Walsh,D.A., Gillett,R.
- Mindfulness, functioning and catastrophizing after multidisciplinary pain management for chronic low back pain
- Pain 153 (2012)644 - 50
- +Cassidy, J.D.
- Carroll,L., Cote,P.
- The Saskatchewan health and back pain survey: The prevalence of low back pain and related disability in Saskatchewan adults.
- Spine 21 (1998)1860 – 7
- +Cassidy,J.D.
- Cote,P., Carroll,L.J., Kristman,V.
- Incidence and course of low back pain episodes in the general population
- Spine 30 (2005)2817 – 23
- +Cassidy,J.J.
- Hiltner,A., Baer,E.
- The response of the hierarchical structure of the intervertebral disc to uniaxial compression
- J Mat Sci Mat in Med 1 (1990)69 – 80

- Cassin,H.R. Vortrag auf der gemeinsamen Lehrertagung von FAC und DGOM, Boppard, 28.1.2006
- +Cassinelli, E.H. Hall,R.A., Kang,J.D.  
Biochemistry of intervertebral disc degeneration and the potential for gene therapy applications  
Spine J 1 (2001)205 – 14
- +Cassisi,J.E. Robinson,M.E., O'Connor,P., MacMillan,M.  
Trunk strength and lumbar paraspinal muscle activity during isometric exercise in chronic low-back pain patients and controls  
Spine 18 (1993)245 – 51
- Cassuto,J. Wallin,G., Hogstrom,S., Faxen,A., Rimback,G.  
Inhibition of postoperative pain by continuous low-dose intravenous infusion of lidocaine  
Anesth Analg 64 (1985)971 – 4 (zit. Xiao et al., 2008)
- +Castro-Sanchez,A.M. Gil-Martinez,E., Fernandez-Sanchez,M., Lara-Palomo,I.C., Nastasia,I., de los Angeles-Zaldivar,M., Aguilar-Fernandez,M.E.  
Manipulative therapy of sacral torsion versus myofascial release in patients clinically diagnosed posterior pelvic pain: a consort compliant randomized controlled trial  
Spine J 21 (2021)1890 – 99  
[doi.org/10.1016/j.spinee.2021.05.002](https://doi.org/10.1016/j.spinee.2021.05.002)
- +Castro-Sanchez,A.M. Lara-Palomo,I.C., Mataran-Penarrocha,G.A., Fernandez-de-las-Penas,C.F., Saavedra-Hernandez,M., Cleland,J., Aguilar-Ferrandiz,M.E.  
Short-term effectiveness of spinal manipulative therapy versus functional technique in patients with chronic nonspecific low back pain: a pragmatic randomized controlled trial  
Spine J 16 (2016)302 - 12
- Castro-Sanchez,A.M. Lara-Palomo,I.C., Mataran-Penarrocha,G.A., Saavedra-Hernandez,M., Perez-Marmol,J.M., Aguilar-Ferrandiz,M.E.  
Benefits of craniosacral therapy in patients with chronic low back pain: a randomized controlled trial  
J Altern Complement Med 22 (2016a)650 – 7  
[doi.org/10.1089/acm.2016.0068](https://doi.org/10.1089/acm.2016.0068)

- +Castro-Sanchez,A.M. Mataran-Penarrocha,G.A., Arroyo-Morales,M., Saavedra-Hernandez,M., Fernandez-Sola,C., Moreno-Lorenzo,C.  
Effects of myofascial release techniques on pain, physical function, and postural stability in patients with fibromyalgia: a randomized controlled trial  
*Clin Rehabil* 25 (2011)800 - 13
- +Casulari,L.A. Maggi,R., Dondi,D., Limonta,P., Piva,F., Mota,M., Martini,L.  
Effect of oestrus cyclicity on the number of brain opioid mu-receptors in the rat  
*Horm Metab Res* 19 (1987)549 – 54
- +Caterina,M.J. Julius,D.  
The vanilloid receptor: a molecular gateway in the pain pathway  
*Annu Rev Neurosci* 24 (2001)487 – 517
- +Caterina,M.J. Rosen,T.A., Tominaga,M., Brake,A.J., Julius,D.A.  
Capsaicin-receptor homologue with a high threshold for noxious heat  
*Nature* 398 (1999)436 – 41
- +Caterina,M.J. Leffler,A., Malmberg,A.B., Martin,W.J., Trafton,J., Petersen-Zeitz,K.R., Koltzenburg,M., Basbaum,A.I., Julius,D.  
Impaired nociception and pain sensation in mice lacking the capsaicin receptor  
*Science* 288 (2000)306 – 13
- +Cates,J.R. Young,D.N., Bowerman,D.S., Porter,R.C.  
An independent AGREE evaluation of the Occupational Medicine Practice Guidelines  
*Spine J* 6 (2006)72 - 6
- +Catterall,W.A. From ionic currents to molecular mechanisms: the structure and function of voltage gated sodium channels  
*Neuron* 26 (2000)13 - 25
- +Catterall,W.A. Few,A.P.  
Calcium channel regulation and presynaptic plasticity  
*Neuron* 59 (2008)882 – 901

- +Caudill-Slosberg,M.A. Schwartz,L.M., Woloshin,S.  
Office visits and analgesic prescriptions for musculoskeletal pain in the U.S.: 1980 vs. 2000  
*Pain* 109 (2004)514 – 9
- +Cavanaugh,D.J. Lee,H., Lo,L., Shields,S.D., Zylka,M.J., Basbaum,A.J., Anderson,D.J.,  
Distinct subsets of unmyelinated primary sensory fibers mediate behavioural responses to noxious thermal and mechanical stimuli  
*Proc Natl Acad Sci USA* 106 (2009)9075 – 80
- +Cavanaugh,J.M. Ozaktay,A.C., Yamashita,T., Avramov,A., Getchel,T.V., King,A.I.,  
Mechanisms of low back pain: A neurophysiologic and neuroanatomic study  
*Clin Orthop* 335 (1997)166 - 80
- +Cavassani,K.A. Ishii,M., Wen,H., Schaller,M.A., Lincoln,P.M., Lukas,M.W., Hogaboam,C.M., Kunkel,S.L.,  
TLR3 is an endogenous sensor of tissue necrosis during acute inflammatory events  
*J Exp Med* 205 (2008)2609 – 21
- +Cawstone,H. Davie,A., Paget,M.A., Skljarevski,V., Happich,M.,  
Efficacy of duloxetine versus oral terapie an indirect comparison of randomized clinical trials in chronic low back pain  
*Eur Spine J* 22 (2013)1996 - 2009
- +Ceberio-Balda,F. Florez-Garcia,M., Morera-Dominguez,C., Masramon,X., Freire,O., Rejas,J.,  
PB96: Patient-reported outcomes (pro) in refractory pain associated to low back pain: an analysis of the effect of pregabalin in a 12 – week naturalistic study  
*Pain Pract* 9 (2009)Suppl.1: 120
- CBO Centraal Begeleidingsorgaan voor de Intercollegiale Toetsing (CBO). Consensus Lumbosacrale Radicular Syndrome. Utrecht June 1995 (zit. Bishop & Wing, 2006)
- +Cedraschi,C. Robert,J., Goerg,D., Perrin,E., Fischer,W., Vischer,T.L.

- Is chronic non-specific low back pain chronic? Definitions of a problem and problems of a definition  
Br J Gen Pract 49 (1999)358 – 62
- +Cegla,T.  
Emrich,O., Überall,M.A.  
Das Innovationsforum der DGS  
Schmerztherapie 27 (2011)1: 5 - 6
- +Celerier,E.  
Laulin,J.P., Larcher,A., Le Moal,M., Simmonet,G.  
Evidence for opiate-activated NMDA processes masking opiate analgesia in rats  
Brain Res 847 (1999)18 – 25
- +Celerier,E.  
Rivat,C., Jun,Y., Laulin,J.P., Larcher,A., Reynier,P.,Simmonet,G.  
Long-lasting hyperalgesia induced by fentanyl in rats:  
preventive effect of ketamine  
Anesthesiology 92 (2000)465 – 72
- +Centeno,M.V.  
Mutso,A., Millecamp;M., Apkarian,A.V.  
Prefrontal cortex and spinal cord mediated anti-neuropathy and analgesia induced by sarcosine, a glycine-T1 transporter inhibitor  
Pain 145 (2009)176 - 183
- +Cepeda,M.S.  
Fife,D., Kihm,M.A., Mastrogiovanni,G., Yuan,Y.  
Comparison of the risks of shopping behavior and opioid abuse between tapentadol and oxycodon and association of shopping behavior and opioid abuse  
Clin J Pain 30 (2014)1051 - 6
- +Cepeda,M.S.  
Sutton,A., Weinstein,R., Kim,M.  
Effect of tapentadol extended release on productivity. Results from an analysis combining evidence from multiple sources  
Clin J Pain 28 (2012)8 – 13
- +Cesare,P.  
McNaughton,P.  
Peripheral pain mechanisms  
Curr Opin Neurobiol 7 (1997)493 – 9

- +Cha,T.D. Moore,G., Liow,M.H.L., Zhong,W., Wu,M., Wang,S., Kang,J.D., Wood,K.B., Li,G.  
In vivo characteristics of nondegenerated adjacent segment intervertebral foramina in patients with degenerative disc disease during flexion-extension  
Spine 42 (2017)359 - 65
- +Chabal,C. Russel,L.C., Burchiel,K.J.  
The effect of intravenous lidocaine, tocainide, and mexiletine on spontaneously active fibers originating in rat sciatic neuromas  
Pain 38 (1989)333 – 8
- +Chabal,C. Erjavec,M., Jacobson,L., Mariano,A., Chaney,E.  
Prescription opiate abuse in chronic pain patients: clinical criteria, incidence and predictors  
Clin J Pain 13 (1997)150 – 5
- +Chahine,N. Leung,E., Cerpa,M., Vulapalli,M., Boddapati,V., Jacobsen,T., Lehman,R.A.  
Cell stiffness decreases with severity of disc degeneration and inflammatory stimulation  
Proceedings of the 35th annual meeting of the North American Spine Society  
Spine J 20 (2020)9Suppl. S 43
- +Chaitow,L. Neuromuskuläre Techniken  
München, Urban & Fischer Elsevier, 2002
- +Chaitow,L. Muscle Energy Techniques  
Churchill Livingstone Elsevier, 3. Auflage, Edinburgh 2006
- +Chaitow,L. Comeaux,Z., Dommerholt,J., Ernst,E., Gibbons,P., Hannon,J., Lewis,D., Liebenson,C.  
Wirksamkeit der Manipulation bei der Behandlung von Lumbago: Die Gültigkeit der Schlussfolgerungen bei Metaanalysen  
Osteopath Med 5 (2004)2: 13 - 9
- +Chakraverty,R. Dias,R

- Audit of conservative management of chronic low back pain in a secondary care setting – part I: facet joint and sacroiliac joint interventions  
Acupunct Med 22 (2004)207 – 13
- +Chalaye,P.  
Devoize,I., Lafrenaye,S., Dallel,R., Marchand,S.  
Cardiovascular influences on conditioned pain modulation  
Pain 154 (2013)1377 – 82
- +Chalaye,P.  
Lafrenaye,S., Goffaux,P., Marchand,S.  
The role of cardiovascular activity in fibromyalgia and conditioned pain modulation  
Pain 155 (2014)1064 - 9
- +Champagne,A.  
Prince,F., Bouffard,V., Lafond,D.  
Balance, falls-related self-efficacy, and psychological factors amongst older woman with chronic low back pain: a preliminary case-control study  
Rehabil Res Pract (2012)Artikel ID 430374
- +Chan,A.T.  
Manson,J.E., Albert,C.M., Chae,C.U., Rexrode,K.M., Curhan,G.C., Rimm,E.B., Willet,W.C., Fuchs,C.S.  
Nonsteroidal antiinflammatory drugs, acetaminophen, and the risk of cardiovascular events  
Circulation 113 (2006)1578 – 87
- +Chan,D.D.  
Khan,S.N., Ye,X., et al.  
Mechanical deformation and glycosaminoglycan content changes in a rabbit puncture disc degeneration model  
Spine 36 (2011)1438 - 45
- +Chan,F.K.L.  
Schelman,J., Berger,M.F., Nguyen,H., Goldstein,J.L.  
Celecoxib versus omeprazole and diclofenac in patients with osteoarthritis and rheumatoid arthritis (CONDOR): a randomized trial  
Lancet 376 (2010)173 - 9
- +Chan,H.  
Butterworth,R.F.  
Cell-selective effects of ammonia on glutamate transporter and receptor function in the mammalian brain Neurochem Int 43 (2003)525 - 32

- (-)Chan,M.  
Dyck,M., Thevasagayam,G., Yap,R., Ouellet,J., Robbins,S.M.  
Inter-rater reliability of the McKenzie method of mechanical diagnosis and therapy for the provisional classification of low back pain in adolescents and young adults  
J Man Manipul Ther (2021)  
doi.org/10.1080/10669817.2021.1874189
- +Chan,S.C.W.  
Ferguson,S.J., Wuertz,K., Gantenbein-Ritter,B.  
Biological response of the intervertebral disc to repetitive short-term cyclic torsion  
Spine 36 (2011)2021 - 30
- +Chan,S.T.  
Fung,P.K., Ng,N.Y., Ngan,T.L., Chong,M.Y., Tang,C.N., He,J.F., Zheng,Y.P.  
Dynamic changes of elasticity, cross-sectional area, and fat infiltration of multifidus at different postures in men with chronic low back pain  
Spine J 12 (2012)381 - 8
- +Chandran,P.  
Sluka,K.A.  
Development of opioid tolerance with repeated transcutaneous electrical nerve stimulation administration  
Pain 102 (2003)195 - 201
- +Chang,C.H.  
Lee,Z.L., Chen,W.R., Tan,C.F., Chen,L.H.  
Clinical significance of ring apophysis fracture in adolescent lumbar disc herniation  
Spine 33 (2008)1750 – 4
- +Chang,C.W.  
Chen,Y.R., Chang,K.F.  
Evidence of neuroaxonal degeneration in myofascial pain syndrome. A study of neuromuscular jitter by axonal microstimulation  
Eur J Pain 12 (2008)1026 - 30
- +Chang,D.C.  
Healey,R.M., Snyder,A.J., Sayson,J.V., Macias,B.R., Coughlin,D.G., Bailey,J.F., Parazynski,S.E., Lotz,J.C., Hargens,A.R.  
Lumbar spine paravertebral disc high changes in astronauts after long-duration spaceflight on the International Space Station

Spine 41 (2016)1917 -24

+Chang,P.C.

Centeno,M.V., Procissi,D., Baria,A., Apkarian,A.V.

Brain activity for tactile allodynia: a longitudinal awake rat functional resonance imaging study tracking emergence of neuropathic pain

Pain 158 (2017)488 - 98

+Chang,P.C.

Pollema-Mays,S.L., Centeno,M.V., Procissi,D., Contini,M., Baria,A.T., Martina,M., Apkarian,A.V.

Role of nucleus accumbens in neuropathic pain: Linked multi-scale evidence in the rat transitioning to neuropathic pain

Pain 155 (2014)1128 - 39

+Chang,S.C.

Hoang,B., Thomas,J.T., Thomas,T., Vukicevic,S., Luyten,F.P., Ryba,N.J.P., Kozak,C.A., Reddi,A.H., Moos,M.

Cartilage-derived morphogenetic proteins. New members of the transforming growth factor beta superfamily predominantly expressed in long bones during human embryonic development

J Biol Chem 269 (1994)28227 – 34

+Chang,V.

Gonzales,P., Akuthota,V.

Evidence-informed management of chronic low back pain with adjunvtive analgesics

Spine J 8 (2008)21 - 7

+Chang,Y.T.

Chen,W.H., Shih,H.C., Min,M.Y., Shyu,B.C., Chen,C.C.

Anterior nucleus of paraventricular thalamus mediates chronic mechanical hyperalgesia

Pain 160 (2019)1208 - 23

+Chao,J.

Kalunian,K.

Osteoarthritis: is this a disease for biologics or the physiatrist?

Curr Opin Rheumatol 20 (2008)545 - 6

+Chaparro,L.E.

Furlan,A.D., Deshpande,A., Mailis-Cagnon,A., Atlas,S., Turk,D.C.

Opioids compared with placebo or other treatments for chronic low back pain

- Spine 39 (2014)556 - 63  
-Chaplan,S.R. Bach,F.W., Shafer,S.L., Yaksh,T.L.  
Prolonged alleviation of tactile allodynia by intravenous lidocaine in neuropathic rats  
Anesthesiology 83 (1995)775 – 85 (zit. Xiao et al., 2008)
- Chapman,C.R. Pain: the perception of noxious events  
In: Sternbach,R.A., ed.: The psychology of pain. New York, Raven Press, 1978, p.169 – 202
- +Chapman,C.R. Benedetti,C., Colpitts,Y.H., Gerlach,R.  
Naloxon fails to reverse pain thresholds elevated by acupuncture: acupuncture analgesia reconsidered  
Pain 16 (1983)13 – 31
- +Chapman,C.R. Colpitts,Y.M., Benedetti,C., Kitaeff,R., Gehrig,J.D.  
Evoked potential assessment of acupuncture analgesia: attempted reversal with naloxone  
Pain 9 (1980)183 – 97
- +Chapman,J.R. Norvell,D.C., Hermsmeyer,J.T., Bransford,R.J., DeVine,J., McGirt,M.J., Lee,M.J.  
Evaluating common outcomes for measuring treatment success for chronic low back pain  
Spine 36 (2011)21Suppl. : S 54 – S 68
- +Chappel,A.S. Ossanna,M.J., Liu-Seifert,H., Iyengar,S., Skljarevski,V., Li,L.C., Bennett,R.M., Collins,H.  
Duloxetine, a centrallyacting analgesic, in the treatment of patients with osteoarthritis knee pain : a 13-week, randomized, placebo-controlled trial  
Pain 146 (2009)253 - 60
- +Chaput,C.D. Siddiqui,M., Rahm,M.D.  
Obesity and calcification of the ligaments of the spine : a comprehensive CT analysis of the entire spine in a random trauma population  
Spine J 19 (2019)1346 - 53
- +Charles,Y.P. Daures,J.P., de Rosa,V., Dimeglio,A.

- Progression risk of idiopathic juvenile scoliosis during pubertal growth  
Spine 31 (2006)1933 – 42
- Charnley,J.  
Orthopaedic sign in the diagnosing of a protrusion: with special reference to the straigh-leg-reising test  
Lancet 27 (1951)186 – 92 (zit. Gilbert et al., 2007a)
- +Charron,J.  
Rainville,P., Marchand,S.  
Direct comparison of placebo effects on clinical and experimental pain  
Clin J Pain 22 (2006)204 - 11
- +Chatchawan,U.  
Thinkhamrop,B., Kharmwan,S., Knowles,J., Eungpinichpong,W.  
Effectivness of traditional Thai massage versus Swedish massage among patients with back pain associated with myofascial trigger points  
J Bodywork Mov Ther 9 (2005)298 – 305
- +Chatzitheodorou,D.  
Kabitsis,C., Malliou,P., Mougios,V.  
A pilot study of the effect of high intensity aerobic exercises versus passive interventions on pain, diasability, psychological strain, and serum cortisol concentrations in people with chronic low back apin  
Phys Ther 87 (2007)304 – 12
- +Chau,A.M.T.  
Pelzer,N.R., Hampton,J., Smith,A., Seex,K.A., Stewart,F., Gragnaniello,C.  
Lateral extent and ventral laminar attachements of the lumbar ligamentum flavum: cadaveric study  
Spine J 14 (2014)2467 - 71
- +Chaudhary,N.  
Longworth,S., Sell,P.J.  
Management of mechanical low back pain: a survey of beliefs and attitudes in GPs from Leicester and Nottingham  
Eur J Gen Pract 10 (2004)71 – 2
- Chaudhry,H.  
Attala,N., Singh,V.K., Roman,M.,Finley,T.  
Evaluation of the rotational stiffness and visco-elasticity of the low back and improving the low back visco-elasticity

- Int J Exp Comput Biomech 1 (2011)417 – 29 (zit. Tick, 2014)
- +Chauvet,N.  
Palin,K., Verrier,D., Poole,S., Dantzer,R., Lestage,J.  
Rat microglial cells secrete predominantly the precursor of interleukin 1 beta in response to lipopolysaccharide
- Eur J Neurosci 14 (2001)609 – 17
- +Chavez,J.M.  
Gonzales,P.G.  
Suspected lumbar compartment syndrome: a rare cause of low back pain after strenuous exercise
- Spine J 13 (2013)1409 - 10
- +Cheadle,A.  
Franklin,G., Wolfhagen,C., Savarino,J., Liu,P.Y., Salley,C., Weaver,M.  
Factors influencing the duration of work related disability: a population-based study of Washington state workers' compensation
- Am J Public Health 84 (1994)190 – 6
- +Cheatle,M.D.  
Commentary: Suicidal ideation in patients with chronic pain: the risk – benefit in pharmacotherapy
- Pain 155 (2014)2446 - 7
- +Che,Y.J.  
Guo,J.B., Liang,T., Chen,X., Zhang,W., Yang,H.L., Luo,Z.P.  
Controlled immobilisation-traction based on intervertebral stability is conductive to the regeneration or repair of the degenerative disc: an in vivo study on the rat coccygeal model
- Spine J 19 (2019)920 - 30
- +Che,Y.J.  
Guo,J.B., Liang,T., Chen,X., Zhang,W., Yang,H.L., Luo,Z.P.  
Assessment of changes in the micro-nano environment of intervertebral disc degeneration based on Pfirrmann grade
- Spine J 19 (2019a)1242 - 55
- +Che,Y.J.  
Hou,J.J., Guo,J.B., Liang,T., Zhang,W., Lu,Y., Yang,H.L., Hao,Y.F., Luo,Z.P.  
Low energy extracorporeal shock wave therapy combined with low tension traction can better reshape the microenvironment in degenerated intervertebral disc regeneration and repair

Spine J 21 (2021)160 – 77  
doi.org/10.1016/j.spinee.2020.08.004

+Chee,A.

Shi,P., An,H.S., Markova,D., Anderson,D.G., Zhang,Y.

Interleukin-8 present in intervertebral disc tissue from patients with discogenic back pain can stimulate substance P release by cultured sensory neurons

Proceedings of the 27<sup>th</sup> annual meeting of the North American Spine Society, Dallas, Texas, October 24 – 27, 2012

Spine J 12 (2012)Suppl.9:136

+Chee,A.V.

Ren,J., Lenart,B.A., Chen,E.Y., Zhang,Y., An,H.S.

Cytotoxicity of local anesthetics and nonionic contrast agents on bovine intervertebral disc cells cultured in a three-dimensional culture system

Spine J 14 (2014)491 - 8

+Cheh,G.

Bridwell,K.H., Lenke,L.G., Buchowski,J.M., Daubs,M.D., Kim,Y., Baldus,C.

Adjacent segment disease following lumbar/thorakolumbar fusion with pedicle screw instrumentation

Spine 32 (2007)2253 – 7

+Cheing,G.I.

Tsui,A.Y.Y., Lo,S.K., Hui-Chan,C.W.Y.

Optimal stimulation duration of tens in the management of osteoarthritic knee pain

J Rehabil Med 35 (2003)62 – 8

+Chelius,J.

Galvin,D., Owens,P.

Disability is more expensive than you think

Business Health 10 (1982)80

+Chen,A.C.N.

Herrmann,C.S.

Perception of pain coincides with the spatial expansion of electroencephalographic dynamics in human subjects

Neurosci Lett 297 (2001)183 – 6

+Chen,B.

Fellenberg,J., Wang,H., Carstens,C., Richter,W.

Occurrence and regional distribution of apoptosis in scoliotic discs

- Spine 30 (2005)519 – 24  
+Chen,C. Cavanaugh,J.M., Ozaktay,A.C., Kallakuri,S., King,A.I.  
Effects of phospholipase A2 on lumbar nerve root structure and function
- Spine 22 (1997)1057 – 64  
+Chen,C. Cavanaugh,J.M., Song,Z., Takebayashi,T., Kallakuri,S., Wooley,P.H.  
Effects of nucleus pulposus on nerve root neural activity, mechanosensitivity, axonal morphology, and sodium channel expression
- Spine 29 (2004)17 – 25  
+Chen,C.K. Nizar,A.J.  
Prevalence of piriformis syndrome in chronic low back pain patients. A clinical diagnosis with modified FAIR test
- Pain Pract 13 (2013)276 - 81  
+Chen,C.S. Ingber,D.E.  
Tensegrity and mechanoregulation: from skeleton to cytoskeleton
- Osteoarthritis Cartilage 7 (1999)81 – 94  
+Chen,H. Ikeda,S.R.  
Modulation of ion channels and synaptic transmission by a human sensory neuron-specific G-protein-coupled receptor, SNSR4/mrgX1, heterologously expressed in cultured rat neurons
- J Neurosci 24 (2004)5044 – 53  
+Chen,H. Kelling,J.  
Mild procedure for lumbar decompression: a review
- Pain Pract 13 (2013)146 - 51  
+Chen,H.-S. Lei,J., He,X., Qu,F., Wang,Y., Wen,W.W., You,H.J., Arendt-Nielsen,L.  
Peripheral involvement of PKA and PKC in subcutaneous bee venom-induced persistent nociception, mechanical hyperalgesia, and inflammation in rats
- Pain 135 (2008)31 – 6

- +Chen,I.R. Wei,T.S.  
Disc height and lumbar index as independent predictors of degenerative spondylolisthesis in middle aged women with low back pain  
*Spine* 34 (2009)1402 - 9
- +Chen,J. Hou,S., Peng,B., Wu,W., Shi,Y., Li,L., Yang,L.  
Effect of the L2 ramus communicans on the nociceptive pathway in lumbar intervertebral disc in rats  
*Eur J Pain* 12 (2008)798 - 803
- +Chen,J. Yan,W., Setton,L.A.  
Molecular phenotypes of notochordal cells purified from immature nucleus pulposus  
*Eur Spine J* 15 (2006) Suppl. 3: S303 – 11
- +Chen,J.-J. Lue,J.H., Lin,L.H., Huang,C.T., Chiang,R.P.Y., Chen,C.L., Tsai,Y.J.  
Effects of pre-emptive drug treatment on astrocyte activation in the cuneate nucleus following rat median nerve injury  
*Pain* 148 (2010)158 – 66
- +Chen,J.Y. Ding,Y., Lv,R.Y., Huang,J.B., Yang,Z.H., Liu,S.L.  
Correlation between MR imaging and discography with provocative concordant pain in patients with low back pain  
*Clin J Pain* 27 (2011)125 - 30
- +Chen,L. Battie,M.C., Yuan,Y., Yang,G., Chen,Z., Wang,Y.  
Lumbar vertebral endplate defects on magnetic resonance images: prevalence, distribution patterns and associations with back pain  
*Spine J* 20 (2020)352 - 60
- +Chen,L. Huang,L.Y.  
Protein kinase C reduces Mg++ - block of NMDA-receptor channels as a mechanism of modulation  
*Nature* 356 (1992)521 – 3
- +Chen,L. Muhlhauser,M., Yang,C.R.

- Glycine transporter-1 blockade potentiates NMDA-mediated responses in rat prefrontal cortical neurons in vitro and in vivo  
J Neurophysiol 89 (2003)691 – 703  
+Chen,M.J.  
Kress,B., Han,X., Moll,K., Peng,W., Ji,R.R., Nedergaard,M.
- Astrocytic Cx43 hemichannels and gap junctions play a crucial role in development of chronic neuropathic pain following spinal cord injury  
Glia 60 (2012)1660 – 70  
+Chen,P.  
Cescon,M., Meghigan,A., Bonaldo,P.
- Collagen VI regulates peripheral nerve myelination and function  
FASEB J 28 (2014)1145 – 56
- +Chen,S.  
Emery,S.E., Pei,M.  
Coculture of synovium-derived stem cells and nucleus pulposus cells in serum-free defined medium with supplementation of transforming growth factor- beta1  
Spine 34 (2009a)1272 - 80
- +Chen,S.  
Hu,Z.J., Zhou,Z.J., Lin,X.F., Zhao,F.D., Ma,J.J., Zhang,J.F., Wang,J.Y., Qin,A., Fan,S.W.  
Evaluation of 12 novel molecular markers for degenerated nucleus pulposus in a Chinese population  
Spine 40 (2015)1252 - 60
- +Chen,T.  
Nosaka,K., Tu,J.H.  
Changes in running economy following downhill running  
J Sports Sci 25 (2007)55 – 63
- +Chen,W.H.  
Chang,Y.T., Chen,Y.C., Cheng,S.J., Chen,C.C.  
Spinal protein kinase C / extracellular signal-regulated kinase signal pathway mediates hyperalgesia priming  
Pain 159 (2018a)907 - 18
- +Chen,W.H.  
Liu,H.Y., Lo,W.C., Wu,S.C., Chi,C.H., Chang,H.Y., Hsiao,S.H., Wu,C.H., Chiu,W.T., Chen,B.J., Deng,W.P.  
Intervertebral disc degeneration in an ex vivo culture system using mesenchmal stem cells and platelet rich plasma

Biomaterials 30 (2009)5523 – 33

- +Chen,W.S. Bipartite piriformis muscle: an unusual cause of sciatic nerve entrapment  
Pain 58 (1994)269 -72
- +Chen,X. Gallar,J., Belmonte,C.  
Reduction by antiinflammatory drugs of the response of corneal sensory nerve fibers to chemical irritation  
Invest Ophthalmol Vis Sci 28 (1997a)1944 – 53
- +Chen,X. Green,P.G., Levine,J.D.  
Neuropathic pain-like alterations in muscle nociceptor function associated with vibration-induced muscle pain  
Pain 151 (2010a)460 - 6
- +Chen,Y. Balasubramanyan,S., Lai,A.Y., Todd,K:G., Smith,P.A.  
Effects of sciatic nerve axotomy on excitatory synaptic transmission in rat substantia gelatinosa  
J Neurophysiol 102 (2009)3203 – 15
- +Chen,Y. Campbell,P., Strauss,V.Y., Foster,N.E., Jordan,K.P., Dunn,K.M.  
Trajectories and predictors of the long-term course of low back pain: cohort study with 5-year follow-up  
Pain 159 (2018)252 - 60
- +Chen,Y. Zhang,X., Wang,C., li,G., Gu,Y., Huang,L.Y.  
Activation of P2X7 receptors in glia satellite cells reduces pain through downregulation of P2X3 receptors in nociceptive neurons  
Proc Natl Acad Sci USA 105 (2008b)16773 – 8
- Chen,Y.I. – n- Law,P.Y., Loh,H.H.  
Nuclear factor kappaB signalling in opioid functions and receptor gene expression  
J Neuroimmune Pharmacol 1 (2006a)270 – 9 (zit. Pavone et al., 2009)
- +Chen,Y.W. Li,Y.T., Chen,Y.C., Li,Z.Y., Hung,C.H.

Exercise training attenuates neuropathic pain and cytokine expression after chronic constriction injury of the rat sciatic nerve

Anesth Analg 114 (2012a)1330 – 7

+Chen,Z.

Muscoli,C., Doyle,T., Bryant,L., Cuzzocrea,S., Mollace,V., Mastroianni,R., Masini,E., Salvemini,D.

NMDA-receptor activation and nitroxidative regulation of the glutamatergic pathway during nociceptive processing

Pain 149 (2010)100 - 6

+Chen,Z.R

Somogyi,A.A., Reynolds,G., Bochner,F.

Disposition and metabolism of codeine after single and chronic doses in one poor and seven extensive metabolisers

Br J Clin Pharmac 31 (1991)381 - 90

+Cheng,C.F.

Cheng,J.K., Chen,C.Y., Rau,R.H., Chang,Y.C., Tsaur,M.L.

Nerve growth factor-induced synapse-like structures in contralateral sensory ganglia contribute to chronic mirror-image pain

Pain 156 (2015)2295 - 2309

+Cheng,J.C.

Siegel,L.B., Katari,B., Traxnoff,S.A., Ro,J.O.

Non-steroidal anti-inflammatory drugs and aspirin: a comparison of the platelet effects

Am J Ther 4 (1997)62 -5

Cheng,J.K.

Chiou,L.C.

Mechanisms of the antinociceptive action of gabapentin

J Pharmacol Sci 100 (2006)471 – 86 (zit. Yaksi et al., 2007)

+Cheng,K.I.

Wang,H.C., Wu,Y.C., Tseng,K.Y., Chuang,Y.T., Chou,C.W., Chen,P.L., Chang,L.L., Lai,C.S.

Sciatic nerve intrafascicular lidocaine injection-induced peripheral neuropathic pain. Alleviation by systemic minocycline administration

Clin J Pain 32 (2016)513 - 21

+Cheng,L.L.

Chen,Z.H., Wu,Q.G., Wang,B., Lu,Y.L., Luan,G.R., He,Y.H.

Clinical observation of tendon-regulation manipulation plus core stability training for non specific back pain

- J Acupunct Tuina Sci 14 (2016a)373 - 8
- +Cheng,N.  
Brantley,D.M., Chen,J.  
The ephrins and Eph receptors in angiogenesis  
Cytokine Growth Factor Rev 13 (2002)75 – 85
- +Cheng,R.S.S.  
Pomeranz,P.  
Monoaminergic mechanism of electroacupuncture analgesia  
Brain Res 215 (1981)77 – 91
- +Chengappa,K.N.R.  
Levine,J., Rathore,D., Parepally,H., Atzert,R.  
Long-term effects of topiramate on bipolar mood instability, weight change and glycemic control: a case series  
Eur Psychiatry 16 (2001)186 – 90
- +Chenot,J.F.  
Qualitätsindikatoren für die Versorgung von Patienten mit Rückenschmerzen  
Schmerz 24 (2010)213 - 20
- +Chenot,J.F.  
Ahrens,D.  
Rückenschmerzen: keine Bettruhe, keine Spritzen!  
MMW- Fortschr Med 149 (2006)43: 29 – 31
- +Chenot,J.F.  
Becker,A., Leonhardt,C., Keller,S., Donner-Banzhoff,N.  
Baum,E. et al.  
Use of complimentary alternative medicine for low back pain consulting in general practice: a cohort study  
BMC Complement Altern Med 7 (2007)42
- +Chenot,J.F.  
Becker,A., Leonhardt,C., Keller,S., Donner-Banzhoff,N.,  
Hildebrandt,J., Basler,H.D., Baum,E., Kochen,M.M.,  
Pfingsten,M.  
Sex differences in presentation, course, and management of low back pain in primary care  
Clin J Pain 24 (2008b)578 - 84
- Chenot,J.F.  
Becker,A., Leonhardt,C., Keller,S., Donner-Banzhoff,N.,  
Baum,E., Pfingsten,M., Hildebrandt,J., Kochen,M.M.,  
Basler,H.D.  
Determinants for receiving acupuncture for LBP and associated treatments: a prospective cohort study

BMC Health Services Research 6 (2006a)149: 1 – 8  
(Internetzugriff 30.10.2016)

- +Chenot,J.F. Greitemann,B., Kladny,B., Petzke,F., Pfingsten,M., Schorr,S.G.  
Klinische Leitlinie Nichtspezifischer Kreuzschmerz  
Dt Ärztebl 114 (2017)883 - 90
- +Chenot,J.F. Leonhardt,C., Keller,S., Scherer,M., Donner-Banzhoff,N.,  
Pfingsten,M., Basler,H.D., Baum,E., Kochen,M.M., Becker,A.  
The impact of specialist care for low back pain on health  
service utilization in primary care patients: A prospective  
cohort study  
Eur J Pain 12 (2008)275 – 83
- +Chenot,J.F. Pfingsten,M., Marnitz,U., Pfeifer,K., Kohlmann,T., Lindena,G.,  
Schmidt,C.O.  
Effekte einer risikoadaptierten Kurzintervention zur  
Prävention der Chronifizierung bei akuten Rückenschmerzen  
Schmerz 33 (2019)226 - 35
- +Chenot,J.F. Pieper,A., Kochen,M.M., Himmel,W.  
Kommunikation und Befundaustausch zwischen Hausärzten  
und Orthopäden bei Rückenschmerzen. Eine retrospektive  
Beobachtungsstudie  
Schmerz 23 (2009)173 - 9
- +Cherkin,D.C. Deyo,R.A., Battie,M., Street,J., Barlow,W.  
A comparison of physical therapy, chiropractic manipulation  
and provision of an educational booklet for the treatment of  
patients with low back pain  
N Engl J Med 339 (1998)1021 – 9
- +Cherkin,D.C. Deyo,R.A., Loeser,J.D., Bush,T., Waddell,G.  
An international comparison of back surgery rates  
Spine 19 (1994)1201 - 6
- +Cherkin,D.C. Deyo,R.A., Street,J.H., Barlow,W.  
Predicting poor outcomes for back pain seen in primary care  
using patients' own criteria  
Spine 21 (1996)2900 – 7

- +Cherkin,D.C. Eisenberg,D., Sherman,K.J., Barlow,W., Kaptchuk,T.J., Street,J., Deyo,R.A.  
Randomized trial comparing traditional Chinese medical acupuncture, therapeutic massage, and self-care education for chronic low back pain  
Arch Intern Med 161 (2001)1081 – 8
- +Cherkin,D. Kovacz,F.M., Croft,P., Borkan,J., Foster,N.E., Öberg,B., Urrutia,G., Zamora,J.  
The Ninth International Forum for primary care research on low back pain  
Spine 34 (2009)304 - 7
- +Cherkin,D.C. MacCornack,F.A.  
Patient evaluations of low back pain care from family care physicians and chiropractors  
West J Med 150 (1989)351 – 5
- +Cherkin,D.C. Sherman,K.J., Balderson,B.H., Cook,A.J., Anderson,M.L., Hawkes,R.J., Hansen,K.E., Turner,J.A.  
Effect of mindfulness-based stress reduction vs cognitive behavioral therapy or usual care on back pain and functional limitations in adults with chronic low back pain: a randomized clinical trial  
JAMA 315 (2016)1240 – 9 (nur Internet)
- +Cherkin,D.C. Sherman,K.J., Deyo,R.A., Shekelle,P.G.  
A review of the evidence for the effectiveness, safety and cost of acupuncture, massage therapy, and spinal manipulation for back pain  
Ann Intern Med 138 (2003)898 – 906
- +Cherkin,D. Sherman,K.I., Avins,A.L. et al.  
A randomized trial comparing acupuncture, simulated acupuncture, and usual care for chronic low back pain  
Arch Intern Med 169 (2009a)859 – 66
- +Cherny,N.I. Editorial: The treatment of neuropathic pain: from hubris to humility  
Pain 132 (2007)225 - 6
- +Chery,N. de Konink,Y.

Junctional versus extrajunctional glycine and GABA-A receptor mediated IPSCs in identified lamina I neurons of the adult rat spinal cord

J Neurosci 19 (1999)7342 – 55

+Cheshire,A.

Polley,M., Peters,D., Ridge,D.

Is it feasible and effective to provide osteopathy and acupuncture for patients with musculoskeletal problems in a GP setting? A service evaluation

BMC Family Pract 12 (2011)49

+Chessell,J.

Hatcher,J., Billinton,A.

Mechanistic differentiation of cancer pain: A pivotal role of P2X7 is absent

Pain 152 (2011)1703 - 4

+Chesterton,L.

Barlas,P., Foster,N., Lundeberg,T., Wright,C., Baxter,G.

Sensory stimulation (TENS): effects of parameter manipulation on mechanical pain thresholds in healthy human subjects

Pain 99 (2002)235 - 62

+Cheung,J.P.Y.

Samartzis,D., Shigematsu,H., Cheung,K.M.C.

Defining clinically relevant values for developmental spinal stenosis. A large scale magnetic resonance imaging study

Spine 39 (2014)1067 - 76

+Cheung,K.M:

Chan,D., Karppinen,J., Chen,Y., Jim,J.J.T., Yip,S.P., Ott,J., Wong,K.K., Sham,P., Luk,K.D.K., Cheah,K.S.E., Leong,J.C.Y., Song,Y.Q.

Association of the TaqI allele in vitamin D receptor with degenerative disc disease and disc bulge in a Chinese population

Spine 31 (2006)1143 – 8

+Cheung,K.M.C.

Karppinen,J., Chan,D., Ho,D.W.H., Song,Y.Q., Sham,P., Cheah,K.S.E., Leong,J.C.Y., Luk,K.D.K.

Prevalence and pattern of lumbar magnetic resonance imaging changes in a population study of one thousand forty-three individuals

Spine 34 (2009)934 - 40

- Cheung,K.M. Samartzis,D., Karppinen,J. et al.  
Are “patterns” of lumbar disc degeneration associated with low back pain?: new insights based on skipper level disc pathology  
Spine 37 (2012)E430 – 8 (zit. Von Forell et al., 2015)
- +Chi,G.Y.H. Multiple testings: multiple comparisons and multiple endpoints  
Drug Inform J 32 (1998)13475 - 625
- +Chia,Y.Y. Liu,K., Wang,J.J., Kuo,M.C., Ho,S.T.  
Intraoperative high dose fentanyl induces postoperative fentanyl tolerance  
Can J Anesth 46 (1999)872 – 7
- +Chiang,M.C. Hachisuka,J., Todd,A.J., Ross,S.E.  
Insight into B5-I spinal interneurons and their role in the inhibition of itch and pain  
Pain 157 (2016)544 - 5
- +Chiarotto,A. Boers,M., Deyo,R.A., Buchbinder,R., Corbin,T.P., Costa,L.O.P., Foster,N.E., Grotle,M., Koes,B.E., Kovacs,F.M., Lin,C.W.C., Maher,C.G., Pearson,A.M., Peul,W.C., Schoene,M.L., Turk,D.C., van Tulder,M.W., Terwee,C.B., Ostelo,R.W.  
Core outcome measurement instruments for clinical trials in nonspecific low back pain  
Pain 159 (2018)481 – 95
- (+)Chiarotto,A. Maxwell,L.J., Ostelo,R.W., Boers,M., Tugwell,P., Terwee,C.B.  
Measurement properties of Visual Analogue Scale, Numeric Rating Scale, and Pain Severity Subscale of the Brief Pain Inventory in patients with low back pain: A systematic review  
J Pain (2018) in press doi.org/10.1016/j.jpain.2018.07.09
- Chiba,K. Masuda,K., Andersson,G., Momohara,S., Thonar,E.J.  
Matrix replenishment by intervertebral disc cells after chemonucleolysis in vitro with chondroitinase ABC and chymopapain  
Spine J 7 (2007)694 – 700
- +Chiba,K. Matsuyama,Y., Toyama,Y.

Efficacy and safety of condoliase in patients with lumbar disc herniation : a multicenter, randomized, double-blind, placebo-controlled trial

Proceedings of the 29<sup>th</sup> annual meeting of the North American Spine Society

Spine J 14 (2014)11S: 30S

+Chiba,S.

Multiple positional relationships of nerves arising from the sacral plexus to the piriformis muscle in humans (japanisch)

Kaibogaku Zasshi 67 (1992)691 – 724

+Chichorro,J.G.

Zampronio,A.R., Rae,G.A.

Endothelin ET(B) receptor antagonist reduces mechanical allodynia in rats with trigeminal neuropathic pain

Exp Biol Med (Maywood) 231 (2006)1136 – 40

+Chiechio,S.

Copani,A., Zammataro,M., Battaglia,G., Gereau 4th,R.W., Nicoletti,F.

Transcriptional regulation of type-2 metabotropic glutamate receptors; an epigenetic path to novel treatments for chronic pain

Trends Pharmacol Sci 31 (2010)153 – 60

+Chiechio,S.

Zammataro,M., Morales,M.E., Busceti,C.E., Drago,F., Gereau 4<sup>th</sup>, R.W., Copani,A., Nicoletti,F.

Epigenetic modulation of mGlu2 receptors by histone deacetylase inhibitors in the treatment of inflammatory pain

Mol Pharmacol 75 (2009)1014 – 20

+Chikanza,I.C.

Petrou,P., Kingsley,G., Chrousos,G., Panayi,G.S.

Defective hypothalamic response to immune and inflammatory stimuli in patients with rheumatoid arthritis

Arthritis Rheum 35 (1992)1281 – 8

+Childs,J.D.

Frits,J.M., Flynn,T.W., Irrgang,J.J., Johnson,K.K., Majkowski,G.R.

Validation of a clinical prediction rule to identify patients with low back pain most likely to benefit from spinal manipulation: a validation study

Ann Intern Med 141 (2004)920 – 8

+Childs,J.D.

Piva,S.R., Erhard,R.E.

- Immediate improvements in side-to-side weight bearing and iliac crest symmetry after manipulation in patients with low back pain  
*J Manipulative Physiol Ther* 27 (2004)306 - 13
- +Childs,J.D.  
Teyhen,D.S., van Wyngaarden,j.J., Dougherty,B.F.,  
Ladislas,B.J., Helton,G.L., Robinson,M.E., Wu,S.S., George,S.Z.
- Predictors of web-based follow-up response in the Prevention of Low Back Pain in the Military Trial (POLM)  
*BMC Musculoskel Disord* 132 (2011)12
- +Childs,J.D.  
Wu,S.S., Teyhen,D.S., Robinson,M.E., George,S.E.
- Prevention of low back pain in the military (POLM) cluster randomized trial: Effects of brief psychosocial edication on total and low back pain-related health care costs  
Proceedings of the 27<sup>th</sup> annual meeting of the North American Spine Society, Dallas, Texas, October 24 – 27, 2012  
*Spine J* 12 (2012)Suppl.9:27 – 8
- Spine J 14 (2014)571 - 83
- +Chin,K.R.  
Kuntz,A.F., Bohlman,H.H., Emery,S.E.
- Changes in the iliac crest – lumbar relationship from standing to prone  
*Spine J* 6 (2006)185 – 9
- +Chionna,A.  
Dwikat,M., Panzarini,E., Tenuzzo,B., Carla,E.C., Verri,T.,  
Pagliara,P., Abbro,L., Dini,L.
- Cell shape and plasma membrane alterations after static magnetic fields exposure  
*Eur J Histochem* 47 (2003)299 – 308
- +Chiradejnant,A.  
Maher,C.G., ,Latimer,J., Stepkovich,N.
- Efficacy of “therapist-selected “ versus “randomly-selected” mobilisation techniques for the treatment of low back pain: a randomized controlled trial  
*Aust J Physiother* 49 (2003)233 – 41
- +Chiu,E.J.  
Newitt,D.C., Segal,M.R., Hu,S.S., Lotz,J.C., Majumdar,S.
- Magnetic resonance imaging measurement of relaxation and water diffusion in the human lumbar intervertebral disc under compression in vitro

- Spine 26 (2001)E437 - 44  
+Chiu,J.S. Tommerdahl,M., Whitsel,B.I., Favorov,O.V.  
Stimulus-dependent spatial patterns of response in S1 cortex  
BMC Neurosci 6 (2005)47
- +Chiz,B.A. Headley,P.M., Tzschenke,T.M.  
NMDA receptor antagonists as analgesics: focus on the NR2B subtype  
Trends Pharmacol Sci 22 (2001)636 – 42
- Chiz,B.A. Illes,P.  
P2X receptors and nozizeption  
Pharmacol Rev.53 (2001)553 – 68 (zit. Maruo et al., 2006)
- Chiu,E.J. Newitt,D.C., Segal,M.R. et al.  
Magnetic resonance imaging measurement of relaxation and water diffusion in the human lumbar intervertebral disc under compression in vitro  
Spine 26 (2001)E437 – 44 (zit. Jackson et al., 2008)
- +Cho,Y.-J. Song,Y.K., Cha,Y.Y., Shin,B.C., Shin,I.H.Park,H.J., Lee,H:S., und weitere 5 Autoren  
Acupuncture for chronic low back pain. A multicenter, randomized, patient-assessor blind, sham-controlled clinical trial  
Spine 38 (2013)549 - 57
- +Choi,B. Rowbotham,M.C.  
Effect of adrenergic receptor activation on post-herpetic neuralgia pain and sensory disturbances  
Pain 69 (1997)55 – 63
- +Choi,B.H. Woo,J.I., Min,B.H., Park,S.R.  
Low-intensity ultrasound stimulates the viability and matrix gene expression of human articular chondrocytes in alginate bead culture  
J Biomed Mater Res A 79 (2006)858 – 64
- +Choi,D.S. Choi,D.Y., Whittington,R.A., Nedeljkovic,S.S.

Sudden amnesia resulting in pain relief: the relationship between memory and pain

Pain 132 (2007)206 - 10

+Choi,G.

Raiturker,P., Kim,M., Chung,D., Chae,Y., Lee,S.

The effect of early isolated lumbar extension program for patients with herniated disc undergoing discectomy

Neurosurgery 57 (2005)764 – 72

+Choi,H.S.

Roh,D.H., Yoon,S.Y., Moon,S.Y., Choi,S.R., Kwon,S.G., Kang,S.Y., Han,H.J., Kim,H.W., Beitz,A.W., Oh,S.B., Lee,J.H.

Microglial interleukin-1 beta in the ipsilateral dorsal horn inhibits the development of mirror-image contralateral mechanical allodynia through astrocyte activation in a rat model of inflammatory pain

Pain 156 (2015)1046 - 69

+Choi,I.S.

Cho,J.H., Jeong,S.G., Hong,J.S., Kim,S.J., Kim,J., Lee,M.G., Choi,B.J., Jang,I.S.

GABA-B receptor-mediated presynaptic inhibition of glycinergic transmission onto substantia gelationsa neurons in the rat spinal cord

Pain 138 (2008)330 – 42

+Choi,J.I.

Svensson,C.I., Koehrn,F.J., Bhuskute,A., Sorkin,L.S.

Peripheral inflammation induces tumor necrosis factor dependent AMPA receptor trafficking and Akt phosphorylation in spinal cord in addition to pain behavior

Pain 149 (2010)243 - 53

+Choi,K.C.

Kim,J.S., Kang,B.U., Lee,C.D., Lee,S.H.

Changes in back pain after percutaneous endoscopic lumbar discectomy and annuloplasty

Pain Med 11 (2011)1615 - 21

+Chok,B.

Lee,R., Latimer,J., Tan,S.B.

Endurance training of the trunk extensor muscles in people with subacute low back pain

Phys Ther 79 (1999)1032 – 42

+Cholewicki,J.

Panjabi,M.M., Khatchatryan,A.

- Stabilizing function of trunk flexor-extensor muscles around a neutral spine posture  
Spine 22 (1997)2207 – 12  
+Cholewicki,J. Juluru,K., Radebold,A., Panjabi,M.M., McGill,S.M.  
Lumbar spine stability can be augmented with an abdominal belt and/or increased intra-abdominal pressure  
Eur Spine J 8 (1999)388 – 95  
+Cholewicki,J. McGill,S.M.  
Mechanical stability of the in vivo lumbar spine: implications for injury and chronic low back pain  
Clin Biomech 11 (1996)1 – 15  
+Cholewicki,J. Silfies,S.P., Shah,R.A, Greene,H.S., Reeves,N.P., Alvi,K., Goldberg,B.  
Delayed trunk muscle reflex responses increase the risk of low back injuries  
Spine 30 (2005)2614 – 20  
+Cholewicki,J. Simons,A.P.D., Radebold,A.  
Effects of external trunk loads on lumbar spine stability  
J Biomech 33 (2000)1377 – 85  
+Choma,T.J. Schuster,J.M., Norvell,D.C., Dettori,J.R., Chutkan,N.B.  
Fusion versus nonoperative management for chronic low back pain  
Spine 36 (2011)21Suppl.: S87 – S95  
+Chorti,A.G. Chortis,A.G., Strimpakos,N., McCarthy,C.J., Lamb,S.E.  
The prognostic value of symptom responses in the conservative management of spinal pain. A systematic review.  
Spine 34 (2009)2686 – 99  
+Chothe,P.P. Chutkan,N., Sangani,R., Wenger,K.H., Prasad,P.D., Thangaraju,M. und weitere 4 Autoren  
Sodium-coupled vitamin C transporter (SVCT2): expression, function and regulation in intervertebral disc cells  
Spine J 13 (2013)549 - 57

- +Chou,D.  
Samartzis,D., Bellabarba,C., Patel,A., Luk,K.D.K., Schenk  
Kisser,J.M., Skelly,A.C.
- Degenerative magnetic resonance imaging changes in  
patients with chronic low back pain. A systematic review
- Spine 36 (2011)21Suppl:S 43 – S 53
- +Chou,R.  
Evidence-based medicine and the challenge of low back pain:  
where are we now?
- Pain Pract 5 (2005)153 - 78
- +Chou,R.  
Same trials, different conclusions: sorting out discrepancies  
between reviews on interventional procedures of the spine
- Spine J 9 (2009d)679 - 89
- +Chou,R.  
Atlas,S.J., Stanos,S.P., Rosenquist,R.W.
- Nonsurgical interventional therapies for low back pain. A  
review of the evidence for an Americam Pain Society clinical  
practice guidelines
- Spine 34 (2009b)1078 – 93
- +Chou,R.  
Baisden,J., Carragee,E.J., Resnick,D.K., Shaffer,W.O.,  
Loeser,J.D.
- Surgery for low back pain. A review of the evidence for an  
Americam Pain Society clinical practice guidelines
- Spine 34 (2009c)1094 - 1109
- +Chou,R.  
Deyo,R., Friedly,J., Skelly,A., Weimer,M., Fu,R., Dana,T.,  
Kraegel,P., Griffin,J., Grusing,S.
- Systemic pharmacologic therapies for low back pain: a  
systematic review for an American College of Physician  
Clinical Practice Guideline
- Ann Intern Med 166 (2017)480 – 92
- +Chou,R.  
Franciullo,G.J., Fine,P.G., Adler,J.A., Ballantyne,J.C., davies,P.,  
Donovan,M.I. Fishbain,D.A. und weitere 13 Autoren
- Clinical guidelines for the use of chronic opioid therapy in  
chronic noncancer pain
- J Pain 10 (2009)113 – 30
- +Chou,R.  
Fu,R., Carrino,J.A., Deyo,R.A.
- Imaging strategies for low back pain: systematic review and  
meta-analysis

- Lancet 373 (2009)463 - 72  
+Chou,R. Huffman,L.H.  
Nonpharmacologic therapies for acute and chronic low back pain: a review of the evidence for an American Pain Society/American College of Physicians clinical practice guideline  
Ann Intern Med 147 (2007a)492 – 504
- +Chou,R. Loeser,J.D., Owens,D.K., Rosenquist,R.W., Atlas,S.J., Baisden;J., Carragee,E.J., Grabeis,M., Murphy,D.R., Resnick,D.K., Stanos,S.P., Shaffer,W.O., Wall,E.M.  
Interventional therapies, surgery, and interdisciplinary rehabilitation for low back pain. An evidence-based clinical practice guideline from the American Pain Society  
Spine 34 (2009a)1066 - 77
- +Chou,R. Qaseem,A., Snow,V., Casey,D., Cross,T., Shekelle,P., Owens,D.K.  
Diagnosis and treatment of low back pain: a joint clinical practice guideline from the American College of Physicians and the American Pain Society  
Ann Intern Med 147 (2007)478 – 91
- +Chou,R. Shekelle,P.  
Will this patient develop persistent disabling low back pain?  
JAMA 303 (2010)1295 – 1302
- Chou,R. et al.  
Nonpharmacologic therapies for low back pain: a systematic review for an American College of Physician Clinical Practice Guideline  
Ann Intern Med 166 (2017a)493 - 505 (MMW 159 (2017)14: 30)
- +Chou,W.Y. Yang,I.C., Lu,H.F., Ko,J.Y., Wang,C.H., Lin,S.H., Lee,T.H., Conceiero,A., Hsu,C.J.  
Association of mu-opioid receptor gene polymorphism (A118G) with variations in morphine consumption for analgesia after trial knee arthroplasty  
Acta Anaesthesiol Scand 50 (2006)787 - 92
- +Chow,A. Mayer,E.K., Darzi,A.W., Athanasiou,T.

- Patient-reported outcome measures: the importance of patient satisfaction in surgery  
Surgery 146 (2009)435 – 43  
+Chow,D.H.K.  
Luk,K.D.K., Leong,J.C.Y., Woo,C.W.
- Torsional stability of the lumbosacral junction: significance of the iliolumbar ligament  
Spine 14 (1989)611 – 5 (
- +Chown,M.  
Whittamore,L., Rush,M., Allan,S., Scott,D., Archer,M.  
A prospective study of patients with chronic back pain randomized to group exercise, physiotherapy or osteopathy  
Physiotherapy 94 (2008)21 - 8
- +Christe,G.  
Crombez,G., Edd,S., Opsommer,E., Jolles,B.M., Favre,J.  
Relationship between psychological factors and spinal motor behaviour in low back pain: a systematic review and meta-analysis  
Pain 162 (2021a)672 – 86  
[doi.org/10.1097/j.pain.0000000000002065](https://doi.org/10.1097/j.pain.0000000000002065)
- +Christe,G.  
Pizzolato,V., Meyer,M., Nzamba,J., Pichonnaz,C.  
Unhelpful beliefs and attitudes about low back pain in the general population: a cross-sectional survey  
Musculoskel Sci Pract 52 (2021)102342  
[doi.org/10.1016/j.msksp.2021.102342](https://doi.org/10.1016/j.msksp.2021.102342)
- +Christensen,B.N.  
Perl,E.R.  
Spinal neurons specifically excited by noxious or thermal stimuli: marginal zone of dorsal horn  
J Neurophysiol 33 (1970)293 – 307
- +Christensen,F.B.  
Laurberg,I., Bünger,C.E.  
The importance of the back-café concept to rehabilitation after lumbar spinal fusion: a randomized clinical study with a 2-year follow-up  
Spine 28 (2003)2561 – 9
- +Christensen,L.V.  
Rassouli,N.M.  
Experimental occlusal interferences. Part II: Masseteric EMG responses to an intercuspidal interference

J Oral Rehabil 22 (1995)521 – 31

+Christian,G.F.

Stanton,G.J., Sissons,D., How,H.Y., Jamison,J., Alder,B.  
Fullerton,M., Funder,J.W.

Immunoreactive ACTH, beta-endorphin, and cortisol levels in plasma following spinal manipulative therapy

Spine 13 (1988)1411 – 7

+Christiansen,S.

Oettingen,G., Dahme,B., Klinger,R.

A short-goal pursuit intervention to improve physical capacity: A randomized clinical trial in chronic low back patients

Pain 149 (2010)444 - 52

+Christianson,C.A.

Dumlao,D.S., Stokes,J.A., Dennis,E.A., Svensson,C.I., Curr,M., Yaksh,T.L.

Spinal TLR4 mediates the transition to a persistent mechanical hypersensitivity after the resolution of inflammation in serum-transferred arthritis

Pain 152 (2011)394 - 403

+Christidis,N.

Nilsson,A., Kopp,S., Ernberg,M.

Intramuscular injection of granisetron into the masseter muscle increases the pressure pain threshold in healthy participants and patients with localized myalgia

Clin J Pain 23 (2007)467 - 72

+Christie,H.J.

Kumar,S., Warren,S.A.

Postural abberations in low back pain

Arch Phys Med Rehabil 76 (1995)218 – 24

+Christoph,A.

Eerdeken,M.H., Kok,M., Volkers,G., Freynhagen,R.

Cebranopadol, a novel first-in-class analgesic drug candidate: first experience in patients with chronic low back pain in a randomized clinical trial

Pain 158 (2017)1813 - 24

+Chrousos,G.P.

Stress, chronic inflammation, and emotional and physical wellbeing: concurrent effects and chronic sequelae

J Allergy Clin Immunol 106 (2000)S275 – 91

+Chrousos,G.P.

Gold,P.W.

The concepts of stress and stress system disorders. Overview of physical and behavioral homeostasis

JAMA 267 (1992)1244 – 52

+Chrubasik,S.

Phytotherapie bei chronischen unspezifischen Rückenschmerzen

Zschr Komplementärmed 6 (2014)2: 26 - 30

-Chrubasik,S. –n-

Zimpfer,C., Schutt,U., Ziegler,R.

Effectiveness of Harpagophytum procumbens in the treatment of acute low back pain

Phytomedicine 3 (1996)1 -10

+Chrubasik,S.

Eisenberg,E., Balan,E., Weinberger,T., Luzzati,R., Conradt,C.

Treatment of low back pain exacerbations with willow bark extract: a randomized, double-blind study

Am J Med 109 (2000)9 – 14

+Chrubasik,S.

Junck,H., Breitschwerdt,H., Conradt,C., Zappe,H.

Effectiveness of Harpagophytum extract WS 1531 in the treatment of exacerbation of low back pain: a randomized, placebo-controlled, double-blind study

Eur J Anaesthesiol 16 (1999)118 – 29

+Chrubasik,S.

Junck,H., Zappe,H.A., Stutzke,O.

A survey on pain complaints and health care utilisation in a German population sample

Eur J Anaesth 15 (1998)397 - 408

+Chrubasik,S.

Kunzel,O., Model,A., Conradt,C., Black,A.

Treatment of low back pain with a herbal or synthetic anti-rheumatic: a randomized controlled study. Willow bark extract for low back pain

Rheumatology (Oxford) 40 (2001)1388 – 93

+Chrubasik,S.

Model,A., Black,A., Pollak,S.

A randomized double-blind pilot study comparing Doloteffin and Vioxx in the treatment of low back pain

Rheumatology (Oxford) 42 (2003)141 – 8

--Chrubasik,S.

Weiser,T., Beime,B.

Effectiveness and safety of topical capsaicin cream in the treatment of chronic soft tissue pain

Phytother Res 24 (2010)1877 – 85 (zit. Gagnier et al., 2016)

+Chrubasik,S.

Zimpfer,C., Schütt,U., Ziegler,R.

Effectiveness of Harpagophytum procumbens in the treatment of acute low back pain

Phytomedicine 3 (1996)1 - 10

+Chrzanowski,M.

Low back pain in disorders of the intervertebral disc – bio – psycho –social conditions

Pommeran J Life Sci 67 (2021)3: 55 – 65  
doi.org/10.21164/pomjlifesci.556

+Chu,C.

Levine,E., Gear,R.W., Bogen,O., Levine,J.D.

Mitochondrial dependence of nerve growth factor-induced mechanical hyperalgesia

Pain 152 (2011)1832 - 7

+Chu,C.R.

Izzo,N.J., Papas,N.E., Fu,F.H.

In vitro exposure to 0,5% bupivacaine is cytotoxic to bovine articular chondrocytes

Arthroscopy 22 (2006a)693 – 9

+Chu,L.F.

Angst,M.S., Clark,D.

Opioid-induced hyperalgesia in humans: molecular mechanisms and clinical considerations

Clin J Pain 24 (2008)479 – 96

+Chu,L.F.

Clark,D., Angst,M.S.

Opioid tolerance and hyperalgesia in chronic pain patients after one month of oral morphine therapy: a preliminary prospective study

J Pain 7 (2006)43 – 8

+Chu,L.F.

Cun,T., Ngai,L.K., Kim,J.E., Zamora,A.K., Young,C.A., Angst,M.S., Clark,D.J.

Modulation of remifentanil-induced postinfusion hyperalgesia by the beta – blocker propanolol in humans

Pain 153 (2012)974 - 81

- +Chu,L.F. D'Arcy,N., Brady,C., Zamora,A.K., Young,C.A., Kim,J.E., Clemenson,A.M., Angst,M.S., Clark,D.  
Analgesic tolerance without demonstrable opioid-induced hyperalgesia : A double-blinded, randomized, placebo-controlled trial of sustained-release morphine for treatment of chronic nonradicular low-back pain  
*Pain* 153 (2012a)1583 - 92
- +Chuang,L.H. Soares,M.O., Tilbrook,H., Cox,H., Hewitt,C.E., Aplin,J., Semlyen,A., Trewheala,A., Watt,I., Torgerson,D.J.  
A pragmatic multicentered randomized controlled trial of yoga for chronic low back pain. Economic evaluation  
*Spine* 37 (2012)1593 - 1601
- +Chudler,E.H. Dong,W.K.  
The role of the basal ganglia in nociception and pain  
*Pain* 60 (1995)3 – 38
- +Chujo,T. An,H.S., Akeda,K., Akeda,K., Miyamoto,K., Muehlemann,C., Attawia,M., Andersson,G., Masuda,K.  
Effects of growth differentiation factor-5 on intervertebral discs – in vitro bovine study and in vivo rabbit disc degeneration model study  
*Spine* 31 (2006)2909 – 17
- +Chun,S.W. Lim,C.Y., Kim,K., Hwang,J., Chung,S.G.  
The relationship between low back pain and lumbar lordosis: a systematic review and meta-analysis  
*Spine J* 17 (2017)1180 - 91
- +Chung,A.S. Copay,A.G., Olmscheid,N., Campbell,D., Walker,J.B., Chutkan,N.  
Minimum clinical important difference. Current trends in the spine literature  
*Spine* 42 (2017)1096 - 1105
- +Chung,C.B. van de Berg,B.C., Tavernier,T., Cotton,A., Laredo,J.D., Vallee,C., Malghem,J.  
End plate marrow changes in the asymptomatic lumbosacral spine: frequency, distribution and correlation with age and degenerative changes

- Skeletal Radiol 33 (2004)399 – 404  
+Chung,J.M.  
The role of reactive oxygen species (ROS) in persistent pain  
Mol Interventions 4 (2004)248 – 50
- Chung,O.Y.  
Bruehl,S., Diedrich,I., Diedrich,A., Chont,M., Robertson,D.  
Baroreflex sensitivity associated hypoalgesia in healthy states  
is altered in chronic pain  
Pain 138 (2008)87 - 97
- +Chung,S.A.  
Wei,A.Q., Connor,D.E., Webb,G.C., Molloy,T., Pajic,M.  
Diwan,A.D.  
Nucleus pulposus cellular longevity by telomerase gene  
therapy  
Spine 32 (2007)1188 – 96
- +Chung,S.H.  
You,Y.Y., Lee,H.J., Sim,S.H.  
Effects of stabilization exercises using flexi-bar on functional  
disability and transverse abdominis thickness in patients with  
chronic low back pain  
J Phys Ther Sci 30 (2018)400 - 4
- +Chung,S.S.  
Lee,C.S., Kim,S.H., Chung,M.W., Ahn,J.M.  
Effect of low back posture on the morphology of the spinal  
canal  
Skeletal Radiol 29 (2000)217 – 23
- (-)Chys,M.  
Cagnie,B., de Meulemeester,K., Bontinck,J., Meeus,M.,  
Dewitte,V.  
Evaluating the effectiveness of patient tailored treatment for  
patients with non-specific low back pain: a systematic review  
Musculoskel Care (2021) pbl. 31.5.2021  
[doi.org/10.1002/msc.1572](https://doi.org/10.1002/msc.1572)
- +Cibulka,M.T.  
Delitto,A., Koldehoff,R.  
Changes in innominate tilt after manipulation of the sacroiliac  
joint in patients with low back pain  
Phys Ther 68 (1988)1359 – 63
- +Cibulka,M.T.  
Koldehoff,R.

- Clinical usefulness of a cluster of sacroiliac joint tests in patients with and without low back pain  
J Orthop Sports Phys Ther 29 (1999)83 – 92
- +Cibulka,M.T.  
Koldehoff,R.  
“Skilled mentors” and reliability  
Phys Ther 82 (2002)1265 - 8
- +Cibulka,M.T.  
Sinacore,D.R., Cromer,G.S., Delitto,A.  
Unilateral hip rotation range of motion asymmetry in patients with sacroiliac joint regional pain  
Spine 23 (1998)1009 - 13
- +Ciccone,D.S.  
Just,N., Bandilla,E.B.  
Non-organic symptom reporting in patients with chronic non-malignant pain  
Pain 68 (1996)329 – 41
- +Cid,J.  
de la Calle,J.E., Lopez,E., del Pozo,C., Perucho,A., Soledad Acedo,M., Bedmar,D., Benito,J. und weitere 12 Autoren  
A modified delphi survey on the signs and symptoms of low back pain: indicators for an interventional management approach  
Pain Pract 15 (2015)12 - 21
- +Cieza,A.  
Stucki,G., Weigl,M., Disler,P., Jäckel,W., van der Linden,S., Kostanjsek,N., de Bie,R.  
ICF core sets for low back pain  
J Rehabil Med, Suppl. 44 (2004)69 – 74
- +Cifuentes,M.  
Webster,B., Genevay,S., Pransky,G.  
The course of Opioid prescribing for a new episode of disabling low back pain  
Pain 151 (2010)22 - 9
- (-)Cinar-Medeni,Ö.  
Elbasan,B., Duzgen,I.  
Low back pain prevalence in healthcare professionals and identification of factors affecting low back pain  
J Back Musculoskel Rehab 30(2017)451-9  
doi.org/10.3233/BMR-160571

- +Ciol,M.A. Deyo,R.A., Howell,E., Kreif,S.  
An assessment of surgery for spinal stenosis: time trends, geographic variations, complications, and reoperations  
*J Am Geriatrics Soc* 44 (1996)285 – 90
- (-)Cirak,Y.B. Yurdaisik,I., Elbasi,N.D., Tütüneken,Y.E., Köce,K., Cinar,B.  
Effect of sustained natural apophyseal glides on stiffness of lumbar stabilizer muscles in patients with nonspecific low back pain: randomized controlled trial  
*J Manipul Physiol Ther* (2021) 21.9.21 in press  
[doi.org/10.1016/j.jmpt.2021.06.005](https://doi.org/10.1016/j.jmpt.2021.06.005)
- Ciriello,V.M. Snook,S.H.  
The effect of back belts on lubar muscle fatigue  
*Spine* 20 (1995)1271 – 8 (zit. Oleske et al., 2007)
- +Cislo,S. Ramirez,M.A., Schwartz,H.R.  
Low back pain: treatment of forward and backward sacral torsions using counterstrain technique  
*JAOA* 91 (1991)255 - 9
- +Ciubotariu,A. Arendt-Nielsen,L., Graven-Nielsen,T.  
The influence of muscle pain and fatigue on the activity of synergistic muscles of the leg  
*Eur J Appl Physiol* 91 (2004)604 – 14
- +Cizkova,D. Lukacova,N., Marsala,M., Marsala,J.  
Neuropathic pain is associated with alterations of nitric oxide synthase immunoreactivity and catalytic activity in dorsal root ganglia and spinal dorsal horn  
*Brain Res Bull* 58 (2002)161 – 71
- +Clare,H.A. Adams,R., Maher,C.G.  
A systemic review of efficacy of McKenzie therapy for spinal pain  
*Aust J Physioth* 50 (2004)209 – 216
- +Clark,A.K. Gentry,C., Bradbury,E.J., McMahon,S.B., Malcangio,M.  
Role of the spinal microglia in rat models of peripheral nerve injury and inflammation

Eur J Pain 11 (2007)223 – 30

+Clark,A.K.

Staniland,A.A., Marchand,F., Kaan,T.K., McMahon,S.B.,Malcangio,M.

P2X7-dependent release of interleukin-1 beta and nociception in the spinal cord following lipopolysaccharide

J Neurosci 30 (2010)573 – 82

Clark,L.A.

Watson,D.

Tripartite model of anxiety and depression: psychometric evidence and taxonomic implications

J Abnorm Psychol 103 (1991)316 – 36 (zit. Geisser et al., 2006)

+Clark,M.E.

Understand appropriate long-term use of opioids – seventeen years and counting

Clin J Pain 24 (2008)467 - 8

+Clark,M.E.

Kori,S.H., Brockle,J.

Kinesiophobia and chronic pain: psychometric characteristics and factor analysis of the Tampa Scale. Presented at the 15<sup>th</sup> Annual Scientific Meeting of the American Pain Society

Am Pain Soc Abstracts 15 (1996)77

Clark,W.C.

Yang,J.C., Tsui,S.L., Ng,K.F., Clark,S.B.

Unidimensional pain rating scales: a multidimensional affect and pain survey (MAPS) analysis of what they really measure

Pain 98 (2002)241 - 7

+Clarke,G.R.

Unequal leg length: an accurate method of detection and some clinical results

Rheumatol Phys Med 11 (1972)385 – 90

+Clarke,J.

van Tulder,M., Blomberg,S., de Vet,H., van der Heijden,G., Bronfort,G.

Traction for low back pain with and without sciatica: an updated systematic review within the framework of the Cochrane collaboration

Spine 31 (2006)1591 – 9

+Claus,A.P.

Hides,J.A., Moseley,G.L., Hodges,P.W.

Different ways to balance the spine: subtle changes in sagittal spinal curves affect regional muscle activity

Spine 34 (2009)E208 – 14

+Clauw,D.J.

Williams,D., Lauerman,W.. Dahlman,M., Aslani,A., Nachemson,A.L., Kobrine,A.I., Wiesel,S.W.

Pain sensitivity as a correlate of clinical status in individuals with chronic low back pain

Spine 24 (1999)2035 – 41

+Clauwaert,A.

Schouuppe,S., van Oosterwijck,J., Danneels,L., van Damme,S.

Hypervigilance for bodily sensations in the back during a movement task in people with chronic and recurrent low back pain

Clin J Pain 36 (2020)524 - 32

+Claydon,L.S.

Chesterton,L.S., Barlas,P., Sim,J.

Dose-specific effects of transcutaneous electrical nerve stimulation (TENS) on experimental pain. A systematic review

Clin J Pain 27 (2011)635 - 47

+Clays,E.

de Bacquer,D., Leynen,F., Kornitzer,M., Kittel,F., de Backer,G.

The impact of psychosocial factors on low back pain: longitudinal results from the Belstress Study

Spine 32 (2007)262 – 8

+Cleary,C.

Fox,J.P.

Menopausal symptoms: an osteopathic investigation

Compl Ther Med 2 (1994)181 – 6

+Cleary,D.R.

Heinricher,M.M.

Adaptations in responsiveness of brainstem pain-modulating neurons in acute compared with chronic inflammation

Pain 153 (2013)845 - 55

Cleeland,C.S.

Measurement of pain by subjective report

In: Chapman,C.R., Loeser,J.D. eds. Advances in pain research and therapy, vol. 12 : Issues in pain management. New York, Raven press; 1989, p. 391 – 403 (zit.Tang et al., 2010)

- +Cleland,J.A. Fritz,J.M., Kulig,K., Davenport,T.E., Eberhart,S., Magel,J., Childs,J.D.  
Comparison oft he effectiveness of three manual physical therapy techniques in a subgroup of patients with ,ow back pain who satisfy a clinical prediction rule  
*Spine* 34 (2009)2720 – 9
- +Cleland,J.A. Fritz,J.M., Whitman,J.M., Childs,J.D., Palmer,J.A.  
The use of lumbar spine manipulation technique by physical therapists in patients who satisfy a clinical prediction rule: a case series  
*J Orthop Sports Phys Ther* 36 (2006)209 – 14
- +Cleland,J.A. Whitman,J.M., Houser,J.L., Wainner,R.S., Childs,J.D.  
Psychometric properties of selected tests in patients with lumbar spinal stenosis  
*Spine J* 12 (2012)921 - 31
- Clemente,C.D. Gray's Anatomy of the Human Body, 30. amerikanische Auflage, Lea & Febiger, Philadelphia 1985 (zit. Travell & Simons, Bd.2, S.91, 1992)
- +Clifford,P.S. Hellsten,Y.  
Vasodilatory mechanisms in contracting skeletal muscle  
*J Appl Physiol* 97 (2004)393 – 403
- Cloyd,J.M. Elliot,D.M.  
Elastin content correlates with human disc degeneration in the anulus fibrosus and nucleus pulposus  
*Spine* 32 (2007)1826 - 31
- +CNT Coxib and tradicional NSAID Trialist (CNT) Collaboration:  
Vascular and upper gastrointestinal effects of non-steroidal anti-inflammatory drugs: meta-analyses of individual participant data from randomized trials  
*Lancet* 382 (2013)769 – 79
- +Coats,T.L. Borenstein,D.G., Nangia,N.K., Brown,M.T.  
Effects of valdecoxib in the treatment of chronic low back pain: results of a randomized, placebo-controlled trial  
*Clin Ther* 26 (2004)1249 – 60

- +Cobian,D.G. Daehn,N.S., Anderson,P.A., Heiderscheit,B.C.  
Active cervical and lumbar range of motion during performance of activities of daily living in healthy young adults  
Spine 38 (2013)1754 - 63
- CoE Council of Europe. Testing Physical Fitness: Eurofit Experimental Battery – Professional handbook (Danish version), Copenhagen, Denmark, 1991 (zit. Andersen et al., 2006)
- +Codd,E.E. Shank,R.P., Schupsky,J.J., Raffa,R.B.  
Serotonin and norepinephrine uptake inhibiting activity of centrally acting analgesics: structural determinants and role in antinociception  
J Pharmacol Exp Ther 274 (1995)1263 – 79
- +Codd,E.E. Martinez,R.P., Molino,L., Rogers,K.E., Stone,D.J., Tallarinda,R.J.  
Tramadol and several anticonvulsants synergize in attenuating nerve injury-induced allodynia  
Pain 134 (2008)254 - 62
- +Coderre,T.J. Contribution of protein kinase C to central sensitization and persistent pain following tissue injury  
Neurosci Lett 140 (1992)181 – 4
- +Coderre,T.L. Katz,J., Vaccarino,A.L., Melczack,R.  
Contribution of central neuroplasticity to pathological pain  
Pain 52 (1993)259 – 85
- +Coffeen,U. Lopez-Avila,A., Ortega-Legaspi,J.M., del Angel,R., Lopez-Munoz,F.J., Pellicer,F.  
Dopamin receptors in the anterior insular cortex modulate long-term nociception in the rat  
Eur J Pain 12 (2008)535 - 43
- +Coffman,B.L. Rios,G.R., King,C.D., Tephly,T.R.  
Human UGT2B7 catalyses morphine glucuronidation  
Drug Metab Dispos 25 (1997)1-4
- +Coggeshall,R.E. Carlton,S.M.

- Ultrastructural analysis of NMDA, AMPA, and kainite receptors on unmyelinated axons and myelinated axons in the periphery  
J Comp Neurol 391 (1998)78 – 86
- +Coggeshall,R.E.  
Zhou,S., Carlton,S.M.  
Opioid receptors on peripheral sensory axons  
Brain Res 746 (1997)126 – 32
- +Coggon,D.  
Ntani,G., Palmer,K.T., Felli,V.E., Harari,P., Barrero,L.H., Felknor,S.A., Gimeno,D. und weitere 48 Autoren  
Disabling musculoskeletal pain in working populations: Is it the job, the person or the culture?  
Pain 153 (2013)856 - 63
- +Coggon,D.  
Ntani,G., Walker-Bone,K., Palmer,K.T., Felli,V.E., Harari,R., Barrero,L.H., Felknor,S.A. und weitere 49 Autoren  
Epidemiological differences between localized and nonlocalized low back pain  
Spine 42 (2017)740 - 7
- +Coghill,R.C.  
Mayer,D.J., Price,D.O.,  
The roles of spatial recruitment and discharge frequency in spinal cord coding of pain: a combined electrophysiological and imaging investigation  
Pain 53 (1993)295 – 309
- +Coghill,R.C.  
Sang,C.N., Maisog,J.M., Iardola,M.J.  
Pain intensity processing within the human brain: a bilateral, distributed mechanism  
J Neurophysiol 82 (1999)1934 – 43
- +Coghill,R.C.  
Talbot,J.D., Evans,A.C., Meyer,E., Gjedde,A., Bushnell,M.C., Duncan,G.H.,  
Distributed processing of pain and vibration in the human brain  
J Neurosci 14 (1994)4095 – 108
- +Cogiamanian,F.  
Vergari,M., Schiaffi,E., Marceglia,S., Ardolino,G., Barbieri,S., Priori,A.

Transcutaneous spinal cord direct current stimulation inhibits the lower limb nociceptive flexion reflex in human beings

Pain 152 (2011)370 - 5

+Cohen,H.W.

Gibson,G., Alderman,M.H.

Excess risk of myocardial infarction in patients treated with antidepressant medications: association with use of tricyclic agents

Am J Med 108 (2000)2 – 8

+Cohen,J.

Coefficient of observer agreement for nominal scales

Educ Psychol Meas 20 (1960) 37

+Cohen,M.S.

Parker,S., Taylor,D., Smit,D., Ben-Meir,M., Cameron,P., Xue,C.

Acupuncture as analgesia for low back pain, ankle sprain and migraine in emergency departments: Study protocol for a randomized controlled trial

Trials 12 (2011)241 doi:10.1186/1745-6215-12-241

-Cohen,M.S.

Wall,E.J., Brown,R.A., Rydevik, B., Garfin,S.R.

Cauda equina anatomy II: Extrathecal nerve roots and dorsal root ganglia

Spine 15 (1990)1248 – 51 (zit. Sizer et al., 2002)

Cohen,S.

Kessler,C.,Gordon,U.L. (eds.)

Measuring stress: a guide for health and social scientists

New York, Oxford University Press, 1995 (zit. Truchon et al., 2008)

+Cohen,S.P.

Solutions without problems (commentary)

Spine J 9 (2009a)926 – 7

+Cohen,S.P.

Benzodiazepines for neuropathic back pain: When the cure is worse than the disease (commentary)

Pain 149 (2010)424 – 5

+Cohen,S.P.

Hurley,R.W., Christo,P.J., Winkley,J., Mohiuddin,M.M., Stojanovic,M.P.

Clinical predictors of success and failure for lumbar facet radiofrequency denervation

Clin J Pain 23 (2007)45 – 52

- +Cohen,S.P. Raja,S.N.  
Pathogenesis, diagnosis, and treatment of lumbar zygoapophysial (facet) joint pain  
Anesthesiology 106 (2007)591 – 614
- +Cohen,S.P. Stojanovic,M.P.  
Treatise of facet joint pain. King Midas, and existentialism  
Spine J 9 (2009)705 - 6
- +Cohen,S.P. Stojanovic,M.P., Crooks,M., Kim,P., Schmidt,R.K.; Shields,C.H., Croll,S., Hurley,R.W.  
Lumbar zygoapophysial (facet) joint radiofrequency denervation success as a function of pain relief during diagnostic medial branch block: a multicenter analysis  
Spine J 8 (2008)498 - 504
- +Cohen,S.P. Strassels, S.A., Kurihara,C., Griffith,S.R., Goff,B., Guthmiller,K., Hoang,H.T., Morlando,R., Nguyen,C.  
Establishing an optimal “cutoff” threshold for diagnostic lumbar facet blocks. A prospective correlational study  
Clin J Pain 29 (2013)382 - 91
- +Cohen,S.P : Wenzell,D., Hurley,R.W., Kurihara,C., Buckenmaier, C.C.III, Griffith,S., larkin,T.M., Dahl,E., Morlando,B.J.  
A double-blind, placebo-controlled, dose-respondent pilot study evaluating inradiscal etanercept in patients with chronic discogenic low back pain or lumbosacral radiculopathy  
Anesthesiology 107 (2007a)99 - 105
- +Cohen,S.P. Williams,K.A., Kurihara,C., Nguyen,C., Shields,C, Kim,P., Griffith,S.R., Larkin,T.M., Crooks,M., Williams,N., Morlando,B., Strassels,S.A.  
Multicenter, randomized, comparative cost-effectiveness study comparing 0, 1, and 2 diagnostic medial branch (facet joint nerve) block treatment paradigms before facet radiofrequency denervation  
Anesthesiology 113 (2010a)395 - 405
- +Colberg,K. Hettich,M., Sigmund,R., Degner,F.L.,  
The efficacy and tolerability of an 8-day administration of intravenous and oral meloxicam: a comparison with

- intramuscular diclofenac in patients with acute lumbago.  
German Meloxicam Ampoule Study Group
- Curr Med Res Opin 13 (1996)363 – 77
- +Colburn,R.W.
- Rickman,A.J., de Leo,J.A.
- The effect of site and type of nerve injury on spinal glia activation and neuropathic pain behaviour
- Exp Neurol 157 (1999)289 – 304
- Colditz,G.A.
- Miller,J.N., Mosteller,F.
- How study design affects outcomes in comparisions of therapy
- Medical Stat Med 8 (1989)411 – 54 (zit. Jadad et al., 1996)
- +Cole,A.
- Burwell,R.G., Jacobs,K.J., Kiel,A.W., Moulton,J.K., Webb,J.K., Wojcik,A.S., Short,A.H., Bassey,E.J.
- Hip rotation, knee rotation and femoral anteversion in healthy subjects and children with adolescent idiopathic scoliosis: relation of hip rotation to lateral spinal curves (Abstract)
- Clin Anat 3 (1990)65
- +Cole,J.D.
- Blum,D.A., Ansel,L.J.
- Outcome after fixation of unstable posterior pelvic ring injuries
- Clin Orthop 329 (1996)160 – 79
- +Cole,M.H.
- Grimshaw,P.N.
- The crunch factor's role in golf-related back pain
- Spine J 14 (2014)799 - 807
- +Cole-King,A.
- Harding,K.G.
- Psychological factors and delayed healing in chronic wounds
- Psychosom Med 63 (2001)216 – 20
- +Collacott,E.A.
- Zimmermann,J.T., White,D.W., Rindone,J.P.
- Bipolar permanent magnets for the treatment of chronic low back pain: a pilot study
- JAMA 283 (2000)1322 – 5

- +Collee,G. Dijkmans,B.A.C, Vandenbroucke,J.P. et al.  
A clinical epidemiological study in low back pain. Description of two clinical syndromes  
*Br J Rheumatol* 29 (1990)345 – 7
- +Collier,B.B. Treatment for lumbar sciatic pain in posterior articular lumbar joint pain  
*Anesthesia* 34 (1979)202 – 9
- +Collins,J.J. Imhoff,T.T., Grieg,P.  
Noise-enhanced tactile sensations  
*Nature* 383 (1996)770
- +Colloca,C.J. Keller,T.S.  
Electromyographic reflex responses to mechanical force, manual assisted spinal manipulative therapy  
*Spine* 26 (2001)1117 – 24
- +Colloca,C.J. Keller,T.S., Gunzburg,R  
Neuromechanical characterisation of in vivo lumbar spinal manipulation. Part II. Neurophysiological response  
*J Manipulative Physiol Ther* 26 (2003)579 - 91
- +Colloca,C.J. Keller,T.S., Gunzburg,R.  
Biomechanical and neurophysiological responses to spinal manipulation in patients with lumbar radiculopathy  
*J Manipulative Physiol Ther* 27 (2004)1 - 15
- +Colloca,C.J. Keller,T.S., Harrison,D.E., Moore,R.J., Gunzburg,R., Harrison,D.D.  
Spinal manipulation force and duration affect vertebral movement and neuromuscular responses  
*Clin Biomech* 21 (2006)254 - 62
- +Colloca,C.J. Keller,T.S., Harrison,D.E., Moore,R.J., Gunzburg,R., Vandepitte,K., Fuhr,A.W.  
Neurophysiologic response to intraoperative lumbosacral spinal manipulation  
*J Manipulative Physiol Ther* 23 (2000)447 - 57

- +Colloca,L. Benedetti,F.  
How prior experience shapes placebo analgesia  
*Pain* 124 (2006)126 - 33
- +Colloca,L. Benedetti,F  
Placebo analgesia induced by social observational learning  
*Pain* 144 (2009)28 – 34
- Colloca,L. Benedetti,F., Porro,C.A.  
Experimental designs and brain mapping approaches for studying the placebo analgesic effect  
*Eur J Appl Physiol* 102 (2008)371 – 80 (zit. Porro, 2009)
- +Colloca,L. Enck,P., de Grazia,D.  
Relieving pain using dose-extending placebos: a scoping review  
*Pain* 157 (2016)1590 - 8
- +Colloca,L. Klinger,R., Flor,H., Bingel,U.  
Placebo analgesia: psychological and neurobiological mechanisms  
*Pain* 154 (2013)511 – 4
- Colloca,L. Lopiano,L., Lanotte,M., Benedetti,F.  
Overt versus covert treatment for pain, anxiety, and Parkinson's disease  
*Lancet Neurol* 3 (2004a)679 – 84 (zit. Colloca et al., 2013)
- Colpaert,F.C. System theory of pain and of opiate analgesia: No tolerance to opiates  
*Pharmacol Rev* 48 (1996)402 (zit. Koppert, 2005)
- Comachio,J. Coelho Oliveira,C., Rodrigues Silva,I.F., Oliveira Magalhaes,M., Pasqual Marques,A.  
Effectiveness of manual and electrical needle stimulation in acupuncture for chronic nonspecific low back pain: a randomized controlled trial  
*J Acupunct Meridian Stud* (2020) in press, online 26.3.2020;  
[doi.org/10.1016/j.jams.2020.03.064](https://doi.org/10.1016/j.jams.2020.03.064)

- +Comacho-Soto,A. Sowa,G., Perera,S., Weiner,D.K.  
Fear avoidance beliefs predict disability in older adults with chronic low back pain  
Phys Med Rehabil 4 (2012)493 - 7
- +Comerford,M.J. Mottram,S.L.  
Functional stability re-training: principles and strategies for managing mechanical dysfunction  
Man Ther 6 (2001)3 – 14
- +Comerford,M.J. Mottram,S.L.  
Movement and stability dysfunction – contemporary developments  
Man Ther 6 (2001)15 - 26
- +Compton,M.A. Cold-pressure in opiate and cocaine abusers: correlates of drug type and use status  
J Pain Symptom Manag 9 (1994)462 – 73
- +Conde-Vazques,O. Mohino-Fernandez,C.  
Intra- and inter-observer concordance of a fascial standing flexion test in children  
J Bodywork Mov Ther (2022)pre-proof 4.2.22  
doi.org/10.1016/j.jbmt.2022.02.004
- +Condez-Lara,M. Maie,I.A.S., Dickenson,A.H.  
Oxytocin action on afferent spinal cord activities in neuropathic but not in normal rats  
Brain Res 1045 (2005)124 – 33
- +Cong,L. Pang,H., Xuan,D., Tu,G.J.  
Association between the expression of aggrecan and the distribution of aggrecan gene variable number of tandem repeats with symptomatic lumbar disc herniation in Chinese han of northern china  
Spine 35 (2010)1371 - 6
- Connelly,R. Back,A.  
Mathematics and tensegrity  
Am Sientist 86 (1998)142 – 51 (zit. Swanson, 2013)

- +Connor,M. Christie,M.J.  
Opioid receptor signalling mechanisms  
*Clin Exp Pharmacol Physiol* 26 (1999)493 – 9
- +Conradi,S. Smolenski,U.C.  
Testgütekriterien manualmedizinischer Tests bei Low-back-pain-Patienten  
*Manuelle Med* 43 (2005)227 - 234
- +Conradi,S. Smolenski,U.C., Bak,P., Frey,M., Galeazzi,A., Klaas,T., Kluge,K., Müller,K., Nagel,J., Psczolla,M., Schröder,N., Sturm,C., Wagner,W., Wilde,W.  
Reliabilität der manualmedizinischen Tests bei Low Back Pain (LBP-)Patienten  
*Manuelle Med* 41 (2003)272 - 8
- Consensus Statement from the Pain Society and Royal College of Anaesthetists, General Practitioners and Psychiatrists: Recommendations, 2004 (zit. Nicholas et al., 2004)
- +Consmüller,T. Rohlmann,A., Weinland,D., Druschel,C., Duda,G.N., Taylor,W.R.  
Comparative evaluation of a novel measurement tool to assess lumbar spine position and range of motion  
*Eur Spine J* 21 (2012)2170 – 80
- +Consmüller,T. Rohlmann,A., Weinland,D., Druschel,C., Duda,G.N., Taylor,W.R.  
Velocity of lordosis angle during spinal flexion and extension  
*PLOS one* 7 (2012a)e50135
- +Convey,J. Tomkins,C.C., Haig,A.J.  
Walking assessment in people with lumbar spinal stenosis: capacity, performance, and self-report measures  
*Spine J* 11 (2011)816 - 23
- +Cook,A.J. DeGood,D.E.  
The Cognitive Risk Profile for Pain: development of a self-report inventory for identifying beliefs and attitudes that interfere with pain management  
*Clin J Pain* 22 (2006)332 - 46

+Cook,A.J. Brawer,P.A., Vowles,K.E.  
The fear avoidance model of chronic pain: validation and age analysis using structural equation modelling  
Pain 121 (2006a)195 – 206

+Cooley,D. Bailey,J., Jermin,R.  
Cost comparison of osteopathic ,manipulative treatment for patients with chronic low back pain  
J Osteopath Med 121 (2021)635 – 42 doi.org/10.1515/jom-2020-0238

+Coombes,S.A. Misra,G.  
Pain and motor processing in the human cerebellum  
Pain 157 (2016)117 - 27

+Cooper,B.Y. Vierck,Jr., C.J., Yeomans,D.C.  
Selective reduction of second pain sensations by systemic morphine in humans  
Pain 24 (1986)93 – 116

+Cooper,R.G. St. Clair Forbes,W., Jayson,M.I.  
Radiographic demonstration of paraspinal muscle wasting in patients with chronic low back pain  
Br J Rheumatol 6 (1992)389 – 94

+Copay,A.G. Glassman,S.D., Subach,B.R., Glassman,S.D., Polly,D.W.Jr., Schuler,T.C.  
Minimum clinical important difference in lumbar spine surgery patients: a choice of methods using the Oswestry Disability Index, Medical Outcomes Study questionnaire Short Form 36, and pain scales  
Spine J 8 (2008)968 – 74

+Copay,A.G. Martin,M.M., Subach,B.R., Carreon,L.Y., Glassman,S.D., Schuler,T.C., Berven,S.  
Assessment of spine surgery outcomes: inconsistency of change amongst outcome measurements  
Spine J 10 (2010)291 – 6

-Copay,A.G. Subach,B.R., Glassman,S.D. et al.

Understanding the minimum clinical important difference: a review of concepts and methods

Spine J 7 (2007)541 – 6 (zit Hazard, 2013)

+Copeman,W.S.C.

Ackerman,W.L.

Edema or herniation of fat lobules as a cause of lumbar or gluteal “fibrosistis”

Arch Int Med 79 (1947)22 – 35

+Copits,B.A.

Pullen,M.Y., Gereau IV, R.W.

Spotlight on pain: optogenetic approaches for interrogating somatosensory circuits

Pain 157 (2016)2424 - 33

Coppes,M.H.

Marani,E., Thomeer,R.T. et al.

Innervation of annulus fibrosus in low back pain

Lancet 336 (1990)189 – 90

+Coppes,M.H.

Marani,E., Thomeer,R.T., Groen,G.J.

Innervation of “painful” lumbar discs

Pain 22 (1997)2342 – 9

+Coppi,E.

Cherchi,F., Fusco,I., Failli,P., Vona,A., Detton,I., Gaviano,L., Lucarini,E. und weitere 7 Autoren

Adenosine A<sub>3</sub> receptor activation inhibits pronociceptive N-type Ca<sup>2+</sup> currents and cell excitability in dorsal root ganglion neurons

Pain 160 (2019)1103 - 18

+Coppieters,M.W.

Andersen,J., Selbaek,H., Herland,K., Ajja,R., Markussen,H., Hodges,P.W.

Sense of effort is distorted in people with chronic low back pain

Musculoskel Sci Pract 53 (2021)102376  
doi.org/10.1016/j.msksp.2021.102376

+Corbeil,P.

Blouin,J.S., Teasdale,N.

Effects of intensity and locus of painful stimulation on postural stability

Pain 108 (2004)43 – 50

- +Corbett,A.D. Henderson,G., McKnight,A.T., Paterson,S.J.  
75 years of opioid research: the exciting but vain quest for  
the Holy Grail  
Br J Pharmacol 147 (2006)S153 – 62
- +Corbiere,M. Zaniboni,S., Coutu,M.F., Franche,R.L., Guzman,J., Dawson,K.,  
Yassi,A.  
Evaluation of the fear-avoidance model with health care  
workers experiencing acute/subacute pain  
Pain 152 (2011)2543 - 8
- +Cordo,P. Inglis,J.T., Verschueren,S., Collins,J.J., Merfeld,D.M.:  
Rosenblum,S., Buckley,S., Moss,F.  
Noise in human muscle spindles  
Nature 383 (1996)769 – 70
- +Cormier,S. Lavigne,G.L., Choiniere,M., Rainville,P.  
Expectations predict chronic pain treatment outcomes  
Pain 157 (2016)329 - 38
- +Cornaz,F. Widmer,J., Farshad-Amacker,N.A., Spirig,J.M., Snedeker,J.G.,  
Farshad,M.  
Intervertebral disc degeneration relates to biomechanical  
changes of spinal ligaments  
Spine J 21 (2021)1399 – 1407  
[doi.org/10.1016/j.spinee.2021.04.016](https://doi.org/10.1016/j.spinee.2021.04.016)
- +Cornefjord,M. Olmarker,K., Rydevik,B., Nordborg,C.  
Mechanical and biomechanical injury of spinal nerve roots: a  
morphological and neurophysiological study  
Eur Spine J 5 (1996)187 – 92
- +Cornwall,J. Harris,A.J., Mercer,S.R.  
The lumbar multifidus muscle and patterns of pain  
Man Ther 11 (2006)40 - 5
- +Coronado,R.A. Gay,C.W., Blalosky,J.E., Carnaby,G.D., Bishop,M.D.,  
George,S.Z.  
Changes in pain sensitivity following spinal manipulation: A  
systemic review and metaanalysis

- +Corso,M.  
Mior,S.A., Batley,S., Tuff,T., da Silva-Oolup,S., Howitt,S., Srbely,J.  
The effects of spinal manipulation on performance-related outcomes in healthy asymptomatic adult population: a systemic review of best evidence  
Chiropr Man Ther 27 (2019)25 doi.org/10.1186/s12998-019-0246-y
- +Corvol,M.T.  
Dumontier,M.F., Tsagris,L., Lang,F., Bourguignon,J.  
Cartilage and vitamine D in vitro  
Ann Endocrinol (Paris) 42 (1981)482 – 7
- +Coscia,M.F.  
Denys,G.A., Wack,M.F.  
Propionibacterium acnes, coagulase- negative Staphylococcus, and the « biofilm-like » intervertebral disc  
Spine 41 (2016)1860 - 5
- +Cossette,J.W.  
Farfan,H.F., Robertson,G.H., Wells,R.V.  
The instantaneous center of rotation of the third lumbar intervertebral joint  
J Biomech 4(1971)149 – 52
- +Costa,B.  
Trovato,A.E., Colleoni,M., Giagnoni,G., Zarini,E., Croci,T.  
Effect of the cannabinoid CB1 receptor antagonist, SR 141716, on nociceptive response and nerve demyelination in rodents with chronic constriction injury of the sciatic nerve  
Pain 116 (2005)52 – 61
- +Costa,B.  
Comelli,F., Bettoni,I., Colleoni,M., Giagnoni,G.  
The endogenous fatty acid amide, palmitoylethanolamide, has anti-allodynic and anti-hyperalgesic effects in a murine model of neuropathic pain: involvement of CB1, TRPV1 and PPAR-gamma receptors and neurotrophic factors  
Pain 139 (2008)541 - 50
- +Costa,L. da Cunha Menezes  
Koes,B.W., Pransky,G., Borkan,J., Maher,C..G., Smeets,R.J.E  
Primary care research priorities in low back pain. An update  
Spine 38 (2013)148 - 56

+Costa,L. da Cunha Menezes

Maher,C.G., Hancock,M.J., McAuley,J.H., Herbert,R.D., Costa,L.O.

## The prognosis of acute and persistent low back pain. A meta-analysis

CMAJ 184 (2012) 613 – 24

+Costa,L.O.P.

Maher,C.G., Latimer,J., Hodges,P.W., Herbert,R.D.,  
Refshauge,K.M., McAuley,J.H., Jennings,M.D.

## Motor control exercise for chronic low back pain: a randomized placebo-controlled trial

Phys Ther 89 (2009)1275 – 86

(-)Costa,N.

Smits,E., Kasza,J., Salomoni,S., Ferreira,M., Hodges,P.

Low back flares. How do they differ from an increase in pain?

Clin J Pain (2021), Feb. 24

[doi.org/10.1097/AJP.0000000000000926](https://doi.org/10.1097/AJP.0000000000000926)

+Costa,S.M.V.

Chibana,Y.E.T., Giavarotti,L., Compagnoni,D.S., Shiono,A.H.,  
Satie,J., Bracher,E.S.B.

## Effect of spinal manipulative therapy with stretching compared with stretching alone on full swing performance of golf players: a randomized controlled trial

J Chiropr Med 8 (2009a)165 – 70

+Costandi,S.

Chopko,B., Mekhail,M., Dews,T., Mekhail,N.

## Lumbar spinal stenosis: therapeutic options review

Pain Pract 15 (2015)28 - 81

+Costandi,S.

Garcia-Jaques,M., Dews,T., Kot,M., Womg,K., Azer,G., Atalla,J., Looka,M., Nasr.E., Mekhail,N.

## Optimal temperature for radiofrequency ablation of lumbar medial branches for treatment of facet-mediated back pain

Pain Pract 16 (2016)961 - 8

COST B 13

COST B 13 working group. European guidelines for the management of acute nonspecific low back pain in primary care. 2005. Available at:

[http://www.backpaineurope.org/web/html/wg1\\_results.html](http://www.backpaineurope.org/web/html/wg1_results.html)  
(zit. McCarthy et al., 2007)

Eur Spine J 15 (2006)Suppl 2: 169 - 91

- +Coste,B. Mathur,J., Schmidt,M., Earley,T.J., Ranade,S., Petrus,M.J., Dubin,A.E., Patapoutian,A.  
Piezo1 and Piezo2 are essential components of mechanically activated cation channels  
Science 330 (2010)55 – 60
- +Coste,J. Voisin,D.L., Miraucourt,L.S., Dallez,R., Luccarini,P.  
Dorsal horn NK1-expressing neurons control windup of downstream trigeminal nociceptive neurons  
Pain 137 (2008)340 - 51
- +Coste,J. Paolaggi,J.B., Spira,A.  
Classification of non-specific low back pain. Psychological involvement in low back pain. A clinical descriptive approach  
Spine 17 (1992)1028 – 37
- +Costi,J.J. Stokes,J.A., Gardner-Morse,M. et al.  
Direct measurement of intervertebral disc maximum shear strain in six degrees of freedom: motions that place the disc tissue at risk of injury  
J Biomech 40 (2007)2457 - 66
- +Costi,J.J. Stokes,J.A., Gardner-Morse,M.G., Iatridis,J.C.  
Frequency-dependent behaviour of the intervertebral disc in response to each of six degrees of freedom dynamic loading: solid phase and fluid phase contributions  
Spine 33 (2008)1731 – 8
- +Costigan,M. Pain's peptide signature, Commentary  
Pain 153 (2012)509 - 10
- +Cote,J.N. Hoeger Bement,M.K.  
Update on the relation between pain and movement: consequences for clinical practice  
Clin J Pain 26 (2010)754 - 62
- +Cote,P. Cassidy,J.D., Carroll,L.  
The treatment of neck and low back pain: who seeks care? Who goes where?  
Med Care 39 (2001)956 – 67

- +Cote,P. Mior,S.A., Vernon,H.  
The short-term effect of a spinal manipulation on pain/pressure threshold in patients with chronic mechanical low back pain  
*J Man Phys Ther* 17 (1994)364 – 8
- Cote,P. et al. The Saskatchewan health and back pain survey: The prevalence of neck pain and related disability in Saskatchewan adults  
*Spine* 23 (1998)1689 – 98 (zit Carroll et al., 2004)
- +Cottam,W.J. Iwabuchi,S.J., Drabek,M.M., Reckziegel,D., Auer,D.P.  
Altered connectivity of the right anterior insula drives the pain connectome changes in chronic knee osteoarthritis  
*Pain* 159 (2018)929 - 38
- Cottingham,J.T. Maitland,J.  
A three-paradigm treatment model using soft tissue mobilisation and guided movement-awareness techniques for a patient with chronic low back pain: a case study  
*J Orthop Sports Phys Ther* 26 (1997)155 – 67 (zit Liddle et al., 2004)
- +Cottrell,G.S. Roosterman,D., Marvizon,J.C., Song,B., Wick,E., Pikios,S., Wong,H., Bethelier,C. und weitere 4 Autoren  
Localisation of calcitonin receptor-like receptor and receptor activity modifying protein 1 in enteric neurons, dorsal root ganglia and the spinal cord of the rat  
*J Comp Neurol* 490 (2005)239 – 55
- +Coudeyre,E. Rannou,F., Tubach,F., Baron,G., Coriat,F., Brin,S., Revel,M., Poiraudeau,S  
General practitioners' fear-avoidance beliefs influence their management of patients with low back pain  
*Pain* 124 (2006)330 - 7
- +Coudeyre,E. Tubach,F., Rannou,F., Baron,G., Coriat,F., Brin,S., Revel,M., Poiraudeau,S.  
Fear-avoidance beliefs about back pain in patients with acute back pain  
*Clin J Pain* 23 (2007)720 – 5

- +Coull,J.A.M. Beggs,S., Boudreau,D., Boivin,D., Tsuda,M., Inoue,K., Gravel,C., Salter,M.W., de Koninck,Y.  
BNDF from microglia causes the shift in neuronal anion gradient underlying neuropathic pain  
*Nature* 438 (2005)1017 – 21
- +Coull,J.A.M. Boudreau,D., Bachand,K., Prescott,S.A., Nault,F., Sik,A., de Koninck,P., de Koninck,Y..  
Trans-synaptic shift in anion gradient in spinal lamina I neurons as a mechanism of neuropathic pain  
*Nature* 424 (2003)938 – 42
- +Coulter,I.D. Crawford,C., Hurwitz,E.L., Vernon,H., Khorsan, R., Suttorp Booth,M., Herman,P.M.  
Manipulation and mobilization ffor treating chronic low back pain: a systemic review and meta-analysis  
*Spine J* 18 (2018)866 - 79
- +Coulter,I.D. Herman,P.M., Kommareddi,M., Hurwitz,E.L., Shekelle,P.G.  
Measuring the appropriateness of spinal manipulation for chronic low back and chronic neck pain in chiropractic patients  
*Spine* 46 (2021)1344 – 53  
[doi.org/10.1097/BRS.0000000000004009](https://doi.org/10.1097/BRS.0000000000004009)
- Coulter,J.D. Hurwitz,E.I., Adams,H.  
The appropriatness of manipulation and mobilisation of the cervical spine  
RAND, 1996 (so zit. Walker et al., 2013)
- +Courteix,C. Eschalier,A., Lavarenne,J.  
Streptozocin-induced diabetic rats : behavioral evidence for a model of chronic pain  
*Pain* 53 (1993)81 – 8
- +Couto,C. de Souza,I.C.C., Torres,I.L.S., Fregni,F., Caumo,W.  
Paraspinal stimulation combined with trigger point needling and needle rotation for the treatment of myofascial pain: a randomized sham-controlled clinical trial  
*Clin J Pain* 30 (2014)214 - 23

- +Covey,W.C. Ignatowski,T.A., Knight,P.R., Spengler,R.N.  
Brain-derived TNF-alpha involvement in neuroplastic changes implicated in the conscious perception of persistent pain  
Brain Res 859 (2000)113 – 22
- Cowan,A. Friderichs,E., Straßburger,W., Raffa,R.B.  
Basic pharmacology of buprenorphine  
In: Budd,K., Raffa,R.B.(eds.) Buprenorphine – the unique opioid analgesic. Pharmacology and clinical application.  
Thieme Verlag, Stuttgart New York, 2005: 3 – 21
- +Cowan,D.T. Allan,L., Griffths,P.  
A pilot study into the problematic use of opioid analgesics in chronic non-cancer pain patients  
Int J Nurs Stud 39 (2002)59 – 69
- +Cowan,N. Young,J., Murphy,D., Bladen,C.  
Double-blind, randomized, controlled trial of local anesthetic use for iliac crest donor site pain  
J Neurosci Nurs 34 (2002)205 – 10
- +Cowan,S.M. Schache,A.G., Bruckner,P., Bennel,K.L., Hodges,P.W., Coburn,P., Crossley,K.M.  
Delayed onset of transversus abdominus in long standing groin pain  
Med Sci Sports Exerc 36 (2004)2040 – 5
- Cowman,M.K. –n- Schmidt,T.A. et al.  
Viscoelastic properties of haluronan in physiological conditions  
F 1000 Res 4 (2015)622 – 35 (so zit. von Heymann & Stecco, 2016)
- +Cox,J.M. Trier,K.  
Chiropractic adjustment results correlated with spondylolisthesis instability  
J Manual Med 6 (1991)67 - 72
- +Cox,J.S. Blizzard,S., Hiratzka,J., Yoo,J.U.

- Lumbar magnetic resonance imaging findings in patients with and without Waddell Signs  
Spine J 17 (2017)990 - 4
- +Coxhead,C.E.  
Inskip,H., Meade,T.W., North,W.R.S., Troup,J.D.G.
- Multicentre trial of physiotherapy in the management of sciatic symptoms  
Lancet (1981)1: 1065 – 8
- +Coy,J.T.  
Wolf,C.R., Brower,T.D., Winter,W.G.
- Pyogenic arthritis of the sacro-iliac joint: long-term follow-up  
J Bone Joint Surg 58A (1976)845 – 9
- +Coyer,A.B.  
Curwen,I.H.
- Low back pain treated by manipulation. A controlled series  
Br Med J (1955)1: 705 – 7
- +Cozzi,A.,  
Attuci,S., Peruginelli,F., Marinozzi,M., Luneia,R., Pellicciari,R., Moroni,F.
- Type 2 metabotropic glutamate (mGlu) receptors tonically inhibit transmitter release in rat caudate nucleus: in vivo studies with (2S,1'S,2'S, 3'R)-2-(2'-carboxy-3'phenylcyclopropyl)glycine, a new potent and selective antagonist  
Eur J Neurosci 9 (1997)1350 – 5
- Crabbe,L.  
Karlseder,J.
- In the end, it's all the structure  
Curr Mol Med 5 (2005)135 – 43 (zit. Chung et al., 2007)
- +Craft,R.M.  
Sex differences in opioid analgesia: from mouse to man  
Clin J Pain 19 (2003)175 – 86
- +Craft,R.M.  
Kandasamy,R., Davis,S.M.
- Sex differences in anti-allodynic, anti-hyperalgesic and anti-edema effects of delta<sup>9</sup>-tetrahydrocannabinol in the rat  
Pain 154 (2013)1709 - 17
- +Craft,R.M.  
Mogil,J.S., Aloisi,A.M.

- Sex differences in pain and analgesia: the role of gonadal hormones  
Eur J Pain 8 (2004)397 – 411
- +Craft,R.M. Ulibarri,C., Leitl,M.D., Sumner,J.E.
- Dose- and time-dependent estradiol modulation of morphine antinociception in adult female rats  
Eur J Pain 12 (2008)472 - 9
- +Craig,A.D. Spinal distribution of ascending lamina I axons antero-gradly labelled with Phaseolus vulgaris leucoagglutinin (PHA-L) in the cat  
J Comp Neurol 313 (1991)377 – 93
- +Craig,A.D. How do you feel? Interoception: the sense of the physiological condition of the body  
Nat Rev Neurosci 3 (2002)655 – 66
- +Craig,A.D. Bushnell,M.C., Zhang,E.T., Blomquist,A.  
A thalamic nucleus specific for pain and temperature sensation  
Nature 372 (1994)770 – 3
- +Craig,A.M. Kang,Y.  
Neurexin-neuroligin signaling in synapse development  
Curr Opin Neurobiol 17 (2007)43 – 52
- +Crain,S.M. Shen,K.F.  
Antagonists of excitatory opioid receptor function enhance morphine's analgesic potency and attenuate opioid tolerance/dependence liability  
Pain 84 (2000)121 - 31
- +Cram,J.R. Engstrom,D.  
Patterns of neuromuscular activity in pain and non-pain patients  
Clin Biofeedback Health 9 (1986)106 – 16
- +Cramer,A. Iliosakralmechanik  
Asklepios 6 (1965)261 – 2
- +Cramer,A. Iliosakralmechanik

- Manuelle Med 41 (2003)288 - 90  
+Cramer,G.D. Budavich,M., Bora,P., Ross,K.  
A feasibility study to assess vibration and sound from zygapophysal joints during motion before and after spinal manipulation  
J Manipul Physiol Ther 40 (2017)187 – 200  
doi.org/10.1016/j.jmpt.2017.01.003
- +Cramer,G.D. Humphreys,C.R., Hondras,M.A., McGregor,M., Triano,J.J.  
The Hmax/Mmax ratio as an outcome measure for acute low back pain  
J Manipulative Physiol Ther 16 (1993)7 - 13
- +Cramer,H. Haller,H., Lauche,R., Dobos,G.,  
Mindfulness-based stress reduction for low back pain. A systematic review  
BMC Complement Altern Med 12 (2012)162
- +Cramer,H. Lauche,R., Haller,H., Dobos,G.  
A systematic review and meta-analysis of yoga for low back pain  
Clin J Pain 29 (2013a)450 - 60
- +Cramer,J.R. Gilliam,W.P., Sperry,J.A.  
Rumination, magnification, and helplessness. How do different aspects of pain catastrophizing relate to pain severity and functioning?  
Clin J Pain 32 (2016)1028 - 35
- +Cramer,L. Lauche,R., Hohmann,C., Lüdtke,R., Haller,H., Michalsen,A., Langhorst,J., Dobos,G.  
Randomized controlled trial for comparing yoga and home-based exercise for chronic neck pain  
Clin J Pain 29 (2013)216 - 23
- +Cramer,S.W. Baggott,C., Cain,J., Tilghman,J., Allock,B., Miranpuri,G., Rajpal,S., Sun,D., Resnick,D.  
The role of cation-dependent chloride transporters in neuropathic pain following spinal cord injury  
Mol Pain 4 (2008)36

+Crawford,C.H.III

Ledonio,C.G.T., Bess,S., Buchowski,J.M., Burton,D.C., Hu,S.S.,  
Lonner,B.S., Polly,D.W.Jr., Smith,J.S., Sanders,J.O.

## Current evidence regarding the etiology, prevalence, natural history and prognosis of pediatric lumbar spondylolysis: a report from the scoliosis research society evidence-based medicine committee

# Proceedings of the 29<sup>th</sup> annual meeting of the North American Spine Society

Spine J 14 (2014) 11S–102S

+Crawford,C.

Ryan,K., Shipton,E.

## Exploring general practitioner identification and management of psychosocial yellow flags in acute low back pain

N Z Med J 120 (2007) No 1254/2536

+Crawford,R.C.

Volken,T., Mhuiris,A.N., Bow,C.C., Elliot,J.M., Hoggarth,M.A., Samartzis,D.

## Geography of lumbar paravertebral muscle fatty infiltration. The influence of demographics, low back pain and disability

Spine 44 (2019)1294 - 1302

+Craske,M.G.

Rapee, R.M., Jackel, L., Barlow, D.H.

## Qualitative Dimensions of worry in DSM-III-R generalized anxiety disorder subjects and nonanxious controls

Behav Res Ther 27 (1989)397 - 402

+Creamer, P.

Hunt,M., Dieppe,P.

## Pain mechanism in osteoarthritis of the knee: effect of intraarticular anesthetic

J Rheumatol 23 (1996)1031 – 6

-Creamer, P. et al.

## Determinants of pain severity in knee osteoarthritis

J Rheumatol 26 (1999)1785 – 92 (zit. Kidd, 2006)

+Cresswell,A.G

Grundstrom,H., Thorstensson,A.

## Observations on intra-abdominal pressure and patterns of abdominal intra-muscular activity in man

Acta Physiol Scand 144 (1992)409 – 18

+Cresswell,A.G.

- The influence of sudden perturbations on trunk muscle activity and intra-abdominal pressure while standing  
Exp Brain Res 98 (1994)336 – 41
- +Cresswell,A.G.
- Thorstensson,A.  
The role of abdominal musculature in the elevation of the intra-abdominal pressure during specified tasks  
Ergonomics 32 (1989)1237 – 46
- +Cresswell,A.G.
- Thorstensson,A.  
Changes in intra-abdominal pressure, trunk muscle activation and force during isokinetic lifting and lowering  
Eur J Appl Physiol 68 (1994)315 – 21
- +Crevenna,R.
- Grestenberger,W., Ammer,K., Paternostro-Sluga,T., Kellani,M.Y.  
Pilotuntersuchung zur Effektivität individuell angepasster physikalisch-medizinischer Therapieserien  
Phys Med Rehab Kurort 16 (2006)219 – 55
- +Crighton,A.H.
- Wygant,D.B., Applegate,K.C., Umlauf,R.L., Granacher,R.P.  
Can brief measures effectively screen for pain and somatic malingering? Examination of the modified somatic perception questionnaire and pain disability index  
Spine J 14 (2014)2043 - 50
- +Critchley,D.J.
- Ratcliffe,J., Noonan,S., Jones,R.H., Hurley,M.V.  
Effectiveness and cost-effectiveness of three types of physiotherapy used to reduce chronic low back pain disability: a pragmatic, randomized trial with economic evaluation  
Spine 32 (2007)1474 - 81
- +Crock,H.V.
- A reappraisal of intervertebral disc lesions  
Med J Aust 1 (1970)983 – 9
- +Crock,H.V.
- Internal disc disruption. A challenge to disc prolapse fifty years on  
Spine 11 (1986)650 – 3
- Crock,H.V.
- Internal disc disruption

- In: Frymoyer,J.W.: The adult spine: principles and practice, New York, Raven Press, 1991 (zit. Zhou & Abdi, 2006)
- Crock,H.V. Goldwasser,M.  
Anatomic studies of the circulation in the region of the vertebral end-plate in adult Greyhound dogs  
Spine 9 (1984)702 – 6 (zit. Huang et al., 2007)
- Crock,H.V. Yoshizawa,H.  
The blood supply of the vertebral column and spinal cord in man  
New York,NY: Springer Verlag, 1977 (zit. Kobayashi et al., 2009a)
- Croft,P.R. et al. Low back pain  
In: Stevens,A., Rafferty,J. (eds.)Health care needs assessment. Radcliff Medical Press, Oxford, 1997, 129 – 82 (zit. Pfingsten & Müller, 2005)
- +Croft,P.R. Dunn,K.M., Raspe,H.  
Editorial: Course and prognosis of back pain in primary care: the epidemiological perspective  
Pain 122 (2006)1 - 3
- +Croft,.R. Louw,Q., Briggs,A.M.  
Transfforming back pain care – why, what, and how?  
Commentary  
Pain 161 (2020a)2657 – 8  
[doi.org/10.1097/j.jpain.0000000000001990](https://doi.org/10.1097/j.jpain.0000000000001990)
- +Croft,P.R. Macfarlane,G.J., Papageorgiou,A.C., Thomas,E., Silman,A.J.  
Outcome of low back pain in general practice: a prospective study  
BMJ 316 (1998)1356 – 9
- +Croft,P.R. Nahit, E.S., Macfarlane,G.J., Silman,A.J.  
Interobserver reliability in measuring flexion, internal rotation and external rotation of hip using a plurimeter  
Ann Rheum Dis 55 (1996)320 – 3
- +Croft,P.R. Papageorgiou,A.C., Ferry,S., Thomas,E., Jayson,M.I.V.

- Psychologic distress and low back pain. Evidence from a prospective study in the general population  
Spine 20 (1995)2731 –7
- +Croft,P.  
Lewis,M., Hannaford,P.  
Is all chronic pain the same? A 25-year follow-up study  
Pain 105 (2003)309 - 17
- +Croft,P.R.  
Rigby,A.S.  
Socioeconomic influences on back problems in the community in Britain  
J Epidemiol Community Health 48 (1994)166 – 70
- +Croft,P.  
Sharma,S., Foster,N.E.  
Primary care for low back pain: we don't know the half of it (Commentary)  
Pain 161 (2020)663 -5
- +Crombez,G.  
Beirens,K., van Damme,S., Eccleston,C., Fontain,J.  
The unbearable lightness of somatization: A systematic review of the concept of somatization in empirical studies of pain  
Pain 145 (2009)31 - 5
- +Crombez,G.  
Eccleston,C., van Damme,S., Vlaeyen,J.W.S., Koroly,P.  
Fear-avoidance model of chronic pain. The next generation  
Clin J Pain 28 (2012)475 - 83
- +Crombez,G.  
Eccleston,C., Vlaeyen,J.W., Vansteenkiste,D., Lysens,R., Eelen,B.  
Exposure to physical movements in low back pain patients: restricted effects of generalisation  
Health Psychol 21 (2002)573 – 8
- +Crombez,G.  
Heathcote,L.C., Fox,E.  
The puzzle of attentional bias to pain: beyond attention (commentary)  
Pain 156 (2015)1581 - 2
- +Crombez,G.  
van Damme,S., Eccleston,C.

- Hypervigilance to pain: an experimental and clinical analysis  
Pain 116 (2005)4 – 7 (zit. van Damme et al., 2008)
- +Crombez,G.  
Vervaet,I., Baeyens,F., Lysens,R., Eelen,B.  
Do pain expectancies cause pain in chronic low back pain patients? A clinical investigation  
Behav Res Ther 14 (1996)919 – 25
- +Crombez,G.  
Vervaet,L., Lysens,R., Baeyens,F., Eelen,P.  
Avoidance and confrontation of painful back-straining movements in chronic back pain patients.  
Behav Modif 22 (1998)62 – 77
- +Crombez,G.  
Vlayen,J.W., Heuts,P.H., Lysens,R.  
Pain-related fear is more disabling than the pain itself: evidence of the role of pain-related fear in chronic back pain disability  
Pain 80 (1999)329 – 39
- +Crombez,G.  
Wiech,K.  
You may (not always) experience what you expect : In search for the limits of the placebo and nocebo effect (commentary)  
Pain 152 (2011)1449 - 50
- +Crook,J.  
Milner,R., Schultz,I.Z., Stringer,B.  
Determinants of occupational disability following a low back injury: a critical review of the literature  
J Occup Rehabil 12 (2002)277 – 95
- +Crook,J.  
Rideout,E., Browne,G.  
The prevalence of pain in a general population  
Pain 18 (1984)299 – 314
- +Crosby,N.D.  
Gilliland,T.M., Winkelstein,B.A.  
Early afferent activity from the facet joint after painful trauma to ist capsule potentiates neuronal excitability and glutamate signaling in the spinal cord  
Pain 155 (2014)1878 - 87
- +Crossman,K.B.M.  
Mahon,M.M., Watson,P.J.P.M., Oldham,J.A., Cooper,R.G.

- Chronic low back pain-associated paraspinal muscle dysfunction is not the result of a constitutionally determined "adverse" fiber-type composition  
Spine 29 (2004)628 – 34  
+Cruccu,G.  
Taylor,R.S.
- Diagram of reliability and net grain: a new method for summarising and displaying the results of controlled trials  
Pain Practice 7 (2007)230 - 3  
+Cruser,D.A  
Maurer,D., Hensel,S., Brown,S., White,K., Stoll,S.
- A randomized controlled trial of osteopathic manipulative treatment for acute low back pain in active duty military personnel  
J Man Manip Ther 20 (2012)5 – 15  
-Cryon,B.M.  
Hutton,W.C.
- The fatigue strength of the lumbar neural arch in spondylolysis  
J Bone Joint Surg 60 (1978)234 (so zit. Gluck et al., 2008)  
CSAG  
Report on back pain. Clinical Standards Advisory Group  
London: HSMO; 1994 (zit. Pincus et al., 2006)
- +Cs-Szabo,G.  
Ragasa-San Juan,D., Turumella,V., Masuda,K., Thonar,E.J.M.A., An,H.S.  
Changes in mRNA and protein levels in proteoglycans of the anulus fibrosus and nucleus pulposus during intervertebral disc degeneration  
Spine 27 (2002)2212 – 9
- +Cuellar,J.M.  
Borges,P.M., Cuellar,V.G., Yoo,A., Scuderi,G.J., Yeomans,D.G.  
Cytokine expression in the epidural space. A model of noncompressive disc herniation-induced inflammation  
Spine 38 (2013)17 - 23  
+Cuellar,J.M.  
Montesano,P.X., Carstens,E.  
Role of TNF- alpha in sensitisation of noxious nociceptive dorsal horn neurons induced by application of nucleus pulposus to L 5 dorsal root ganglions in rats  
Pain 110 (2004)578 - 87

- +Cuellar,J.M. Stauff,M.P., Herzog,R.J., Carrino,J.A.,Baker,G.A., Carragee,E.J.  
Does provocative discography cause clinically important injury to the lumbar intervertebral disc? A 10-year matched cohort study  
Spine J 16 (2016)273 - 80
- +Cui,J.G. Holmin,S., Mathiesen,T., Meyerson,B.A., Linderoth,B.  
Possible role of inflammatory mediators in tactile hypersensitivity in rat model of mononeuropathy  
Pain 88 (2000)239 – 48
- +Cui,M. Wan,Y., Anderson,D.G., Shen,F.H., Leo,B.M., Laurencin,C.T., Balian,G., Li,X.  
Mouse growth and differentiation factor-5 protein and DNA therapy potentiates intervertebral disc cell aggregation and chondrogenic gene expression  
Spine J 8 (2008)287 - 95
- +Cullen,B.F. Haschke,R.H.  
Local anesthetic inhibition of phagocytosis and metabolism of human leucocytes  
Anesthesiology 40 (1974)142 – 6
- +Cummings,G. Scholz,J.P., Barnes,K.  
The effect of imposed leg length difference on pelvic bone symmetry  
Spine 18 (1993)368 – 73
- +Cummings,M. Piriformis syndrome  
Acupunct Med 18 (2000)108 – 21
- +Cummins,T.R. Sheets,P.L., Waxman,S.G.  
The roles of sodium channels in nociception: Implications for mechanisms of pain  
Pain 131 (2007)243 - 57
- +Cunha,T.M. Verri,W.A., Silva,J.S., Poole,S., Cunha,F.Q., Ferreira,S.H.  
A cascade of cytokines mediates mechanical inflammatory hypernociception in mice  
Proc Natl Acad Sci USA 102 (2005)1755 – 60

- +Currie,S.R. Wang,J.L.  
Chronic back pain and major depression in the general Canadian population  
*Pain* 107 (2004)54 – 60
- +Curtis,P. Carey,T.S., Evans,P., Rowane,M.P., Garrett,J.M., Jackman,A.  
Training primary care physicians to give limited manual therapy for low back pain. Patient outcomes  
*Spine* 25 (2000)2954 – 61
- +Curtis,W.J. Cicchetti,D.  
Moving research on resilience into the 21<sup>st</sup> century: theoretical and methodological considerations in examining the biological contributors to resilience  
*Dev Psychopathol* 15 (2003)773 – 810
- +Cypress,B.K. Characteristics of physician visits for back symptoms: a national perspective  
*Am J Public Health* 73 (1983)389 – 95
- +Cyron,B.M. Hutton,W.C.  
The fatigue strength of the lumbar arch in spondylolysis  
*J Bone Joint Surg B* 60 (1978)234 – 8
- +Czeschik,J.C. Hagenacker,T., Schäfers,M., Büsselberg,D.  
TNF-alpha differentially modulates ion channels of nociceptive neurons  
*Neurosci Lett* 434 (2008)293-8
- +Dabiri,B.E. Lee,H., Parker,K.K.  
A potential role for integrins in mechanoelectrical feedback progress in biophysics and molecular biology  
*Prog Biophys Mol Biol* 110 (2012)196 - 203
- da Costa,B.R. Reichenbach,S., Keller,N. et al.  
Effectiveness of non-steroidal anti-inflammatory drugs for the treatment of pain in knee and hip osteoarthritis: a network meta-analysis  
*Lancet* 390 (2017)e21 – e 33 (zit. Nees & Schiltenwolf, 2019)

- +da Costa,D.S.M. Meotti,F.C., Andrade,E.L., Leal,P.C., Motta,E.M., Calixto,J.B.  
The involvement of the transient receptor potential A1 (TRPA1) in the maintenance of mechanical and cold hyperalgesia in persistent inflammation  
*Pain* 148 (2010)431 – 7
- da Cunha,J.M Rae,G.A., Ferreira,S.H., Cunha, F.Q.  
Endothelins induce ETB receptor-mediated mechanical hypernociception in rat hindpaw: roles of cAMP and protein kniase C  
*Eur J Pharmacol* 501 (2004)87 – 94 (zit. Quang & Schmidt, 2010)
- +da Cunha Menezes Costa,L siehe unter Costa
- +Daffner,S.D. Xin,J., Taghavi,C.E., Hymanson,H.J., Mudiyam,C., Hongyu,W., Wang,J.C.  
Cervical segmental motion at levels adjacent to disc herniation as determined with kinetic magnetic resonance imaging  
*Spine* 34 (2009)2389 - 94
- +Dagenais,S. Brady,O.  
In evidence-based medicine, more research is not always better... (commentary)  
*Spine J* 16 (2016)313 - 4
- +Dagenais,S. Brady,O., Haldeman,S., Manga,P.  
Systematic review of economic evaluations assessing chiropractic care for spine pain in the United States  
Proceedings of the 29<sup>th</sup> annual meeting of the North American Spine Society  
*Spine J* 14 (2014a)11S: 104S – 105S
- +Dagenais,S. Caro,J., Haldeman,S.  
A systematic review of low back pain costs of illness studies in the united states and internationally  
*Spine J* 8 (2008a)8 - 20
- +Dagenais,S. Galloway,E.K., Roffey,D.M.

A systemic review of diagnostic imaging use for low back pain in the United States

Spine J 14 (2014)1036 – 48

+Dagenais,S.

Gay,R.E., Tricco,A.C., Freeman,M.D., Mayer,J.M.

NASS contemporary concepts for spine care: Spinal manipulation therapy for acute low back pain

Spine J 10 (2010a)918 - 40

+Dagenais,S.

Haldeman,S.

Commentary: Laboring to understand the economic impact of spinal disorders

Spine J 12 (2012)1119 - 21

+Dagenais,S.

Haldeman,S., Polatin,P.B.

It is time for physicians to embrace cost-effectiveness and cost utility analysis research in the treatment of spinal pain

Spine J 5 (2005)357 – 60

+Dagenais,S.

Haldeman,S., Wooley,J.R.

Intraligamentous injection of sclerosing solutions (prolotherapy) for spinal pain: acritical review oft he literature

Spine J 5 (2005)310 – 28

+Dagenais,S.

Mayer,J., Haldeman,S., Borg-Stein,J.

Evidence-informed management of chronic low back pain with prolotherapy

Spine J 8 (2008c)203 - 12

+Dagenais,S.

Mayer,J., Wooley,J.R., Haldeman,S.

Evidence-informed management of chronic low back pain with medicine-assisted manipulation

Spine J 8 (2008b)142 – 9

+Dagenais,S.

Roffey,D.M., Wai,E.K., Haldeman,S., Caro,J.

Can cost utility evaluations inform decision making about interventions for low back pain?

Spine J 9 (2009)944 - 57

- +Dagenais,S. Tricco,A.C., Haldeman,S.  
Synthesis of recommendations for the assessment and management of low back pain from recent clinical practice guidelines  
Spine J 10 (2010)514 - 29
- +Daggfeldt,K. Huang,Q.M., Thorstensson,A.  
The visible human anatomy of the lumbar erector spinae  
Spine 25 (2000)2719 – 25
- +Daghighi,M.H. Pouriesa,M., Maleki,M., Fouladi,D.F., Pezeshki,M.Z., Khamaneh,R.M., Bazzazzi,A.M.  
Migration patterns of herniated disc fragments: a study on 1,020 patients with extruded lumbar disc herniation  
Spine J 14 (2014)1970 - 7
- +Dahan,A. van Dorp,E., Smith,T., Yassen,A.  
Morphine-6-glucuronide (M6G) for postoperative pain relief  
Eur J Pain 12 (2008)403 – 11
- +Dahan,R. Borkan,J., Brown,J.B., Reis,S., Hermoni,D., Harris,S.  
The challenge of using the low back pain guidelines: a qualitative research  
J Eval Clin Pract 13 (2007)616 – 20
- +Daher,M. Costa,F.M.M., Neves,F.A.R.  
Genotyping the mu-opioid receptorA118G polymorphism using the real-time amplification refractory mutation system: allele frequency distribution among Brazilians  
Pain Pract 13 (2013)614 - 20
- +Dahia,C.L. Mahoney,E.J., Durrani,A.A., Wylie,C.  
Postnatal growth, differentiation, and aging of the mouse intervertebral disc  
Spine 34 (2009a)447 - 55
- +Dahia,C.L. Mahoney,E.J., Durrani,A.A., Wylie,C.  
Intercellular signaling pathways active during intervertebral disc growth, differentiating and aging

- Spine 34 (2009b)456 - 62  
+Dai,S.  
Hall,D.D., Hell,J.W.  
Supramolecular assemblies and localised regulation of voltage-gated ion channels  
Physiol Rev 89 (2009)411 – 52
- +Dai,X.  
Brunson,C.D., Rockhold,R.W., Loh,H.H., Ho,I.K., Ma,T.  
Gender differences in the antinoceuptive of tramadol, alone or in combination with gabapentin in mice  
J Biomed Sci 15 (2008)645 – 51
- +Dale,O.  
Sheffels,P., Kharasch,E.D.  
Bioavailabilities of rectal and oral methadone in healthy subjects  
Br J Clin Pharmacol 58 (2004)156 – 62
- +dal Farra,F.  
Risio,R.G., Vismara,L., Bergna,A.  
Effectiveness of osteopathic interventions in chronic non-specific low back pain: a systematic review and meta-analysis  
Complement Ther Med (2020)publ. 13.11.2020,  
[doi.org/10.1016/j.ctim.2020.102616](https://doi.org/10.1016/j.ctim.2020.102616)
- +Dalichau,S.  
Scheele,K.  
Auswirkungen elastischer Lumbar-Stützgurte auf den Effekt eines Muskeltrainingsprogrammes für Patienten mit chronischen Rückenschmerzen  
Z Orthop Grenzgeb 138 (2000)8 – 16
- +Dalichau,S.,  
Scheele,K., Perrey,R.M., Elliehausen,H.-J., Huebner,J.  
Ultraschallgestützte Haltungs- und Bewegungsanalyse der Lendenwirbelsäule zum Nachweis der Wirksamkeit einer Rückenschule  
Zbl Arbeitsmed 49 (1999)148 – 56
- +Dalmau-Carola,J.  
Myofascial pain syndrome affectinf the piriformis and the obturator internus muscle  
Pain Pract 5 (2005)362 -3
- +Daltroy,L.H.  
Cats-Baril,W.L., Katz,J.N., Fossel,A.H., Liang,M.H.

The North American Spine Society Lumbar Spine Outcome Assessment Instrument. Reliability and validity test

Spine 21 (1996)741 -9

+da Luz, M.A.

Pena Costa,L.O., Ferreira Fuhro,F., Taccolini Manzoni,A.C., Bastos Oliveira,N.T., Nunez Cabral,C.M.

Effectiveness of mat pilates or equipment-based pilates exercises in patients with chronic nonspecific low back pain: A randomized controlled trial

Phys Ther 94 (2014)623 - 31

+da Luz Junior,M.A.

de Almeida,M.O., Siva Santos,R., Tassoni Civile,V., Pena Costa,L.O.

Effectiveness of kinesio taping in patients with chronic nonspecific low back pain. A systematic review with meta-analysis

Spine 44 (2019)68 - 78

+Daly,C.D.,

Ghosh,P., Zannettino,A.C.W., Badal,T., Shimmon,R., Jenkin,G., Oehme,D., Jain,K. und weitere 5 Autoren

Mesenchymal progenitor cells primed with polysulfate promote lumbar intervertebral disc regeneration in an ovine model of microdiscectomy

Spine J 18 (2018)491 - 506

+Damasio,A.R.

The somatic marker hypothesis and the possible function of the prefrontal cortex

Philos Trans R Soc Lond B Biol Sci 351 (1996)1413 – 20

+Damen,L.

Buyruk,H.M., Güler-uysal,F., Lotgering,F.K., Snijders,C.J., Stam,H.J.

The prognostic value of asymmetric laxity of the sacroiliac joint in pregnancy related pelvic pain

Spine 27 (2002)2820 – 24

Damm,O.

Bowels,D., Greiner,W.

Krankheitskostenanalyse und gesundheitsökonomische Bewertung eines modellierten Gesundheitspfades Rückenschmerzen

Bielefeld: Gütersloh, 2007 (zit. Vauth & Greiner, 2011)

+Damush,T.M.

Weinberger,M., Perkins,S.M., Rao,J.K., Tierney,W.M., Qi,R., Clark,D.O.

The long-term effects of a self-management program for inner-city primary care patients with acute low back pain

Arch Intern Med 163 (2003)2632 - 8

+Danazumi,M.S.

Bello,B., Yakasai,A.M., Kaka,B.

Two manual therapy techniques for management of lumbar radiculopathy: a randomized clinical trial

J Osteopath Med 121 (2021)391 – 400  
doi.org/10.1515/jom-2020-0261

-Danbolt,N.C.

Glutamate update

Prog Neurobiol 65 (2001)1 – 105 (zit. Sung et al., 2007)

+Daneau,C.

Cantin,V., Descarreaux,M.

Effect of massage on clinical and physiological variables during muscle fatigue task in participants with chronic low back pain. A crossover study

J Manipul Phys Ther 42 (2019)55 – 65  
doi.org/10.1016/j.jmpt.2018.12.001

-Daneels,L. et al.

Differences in electro-myographic activity in the multifidus muscles and the iliocostalis lumborum between healthy subjects and patients with subacute and chronic low back pain

Eur Spine J 11 (2002)13 – 9 (zit Farasyn & Meeusen, 2005)

+Danielsen,J.M.

Johnsen,R., Kibsgaard,S.K., Helevik,E.

Early aggressive exercise for post-operative rehabilitation after discectomy

Spine 25 (2000)1015 – 20

Danish Institute

Danish institute for health technology assessment. Low back pain: frequency,management and prevention from HTA perspective. Denmark, Danish Institute for Health Technology Assessment, 1999, 1 (zit. Haswell et al., 2008)

+Dankaerts,W.

O'Sullivan,P.B., Burnett,A., Straker,L.M.

Differences in sitting posture are associated with nonspecific low back pain disorders when patients are sub-classified

Spine 31 (2006a)698 – 704

+Dankaerts,W.

O'Sullivan,P.B., Burnett,A., Straker,L.

Altered patterns of superficial trunk muscle activation during sitting in nonspecific chronic low back pain patients:  
importance of subclassification

Spine 31 (2006b)2017 – 23

+Dankaerts,W.

O'Sullivan,P., Burnett,A., Straker,L., Davey,P., Gupta,R.

Discriminating healthy controls and two clinical subgroups of non-specific chronic low back pain patients using trunk muscle activation and lumbosacral kinematics of postures and movements

Spine 34 (2009)1610 – 8

+Dannecker,E.A.

Sluka,K.A.

Pressure and activity-related allodynia in delayed-onset muscle pain

Clin J Pain 27 (2011)42 - 7

+Danneels,L.A.

Cools,A.M., Vanderstraeten,G.G., Cambier,D.C.,  
Witvrouw,E:E., Bourgois,J., de Cuyper,H.J.

The effects of three different training modalities on the cross-sectional area of the paravertebral muscles

Scand J Med Sci Sports 11 (2001)335 – 41

+Danneels,L.A.

Coorevits,P.L., Cools,A.M., Vanderstraeten,G.G.,  
Cambier,D.C., Witfrouw,E.E., de Cuyper,H.J.

Differences in electromyographic activity in the multifidus muscle and the iliocostalis lumborum between healthy subjects and patients with sub-acute and chronic low back pain

Eur Spine J 11 (2002)13 - 9

+Danneels,L.A.

Vanderstraeten,G.G., Cambier,D.C., Witvrouw,E.E., de Cuyper,H.J.

CT imaging of trunk muscles in chronic low back pain patients and healthy control subjects

Eur Spine J 9 (2000)266 – 72

+Dapas,F.

Baclofen for the treatment of acute low-back syndrome

Spine 10 (1985)345 – 9

+Daprich,I.

Pauly,T.

Kiefergelenk und Wirbelsäule – Die Vorbehandlung der craniomandibulären Dysfunktion

ZMK 21 (2005)490 – 6

+Dar,G.

Masharawi,Y., Peleg,S., Steinberg,N., May,H., Medlej,B., Peled,N., Hershkovitz,I.

The epiphyseal ring. A long forgotten anatomical structure with significant physiologic function

Spine 36 (2011)850 - 6

+D'Argembeau,A.

Collette,F., van der Linden,M., Laureys,S., del Fiore,G., Degueldre,C., Luxen,A., Salmon,E.

Self-referential reflective activity and its relationship with rest: a PET study

Neuroimage 25 (2005)616 – 24

+Darian-Smith,I.

Johnson,K.D., Dykes,R.

“Cold” fiber population innervating palmar and digital skin of the monkey: responses to cooling pulses

J Neurophysiol 36 (1973)325 – 46

+Dario,A.B.

Cabral,A.M., Almeida,L., Ferreira,M.L.; Refshauge,K., Simic,M., Pappas,E., Ferreira,P.H.

Effectiveness of telehealth-based interventions in the management of non-specific low back pain: a systematic review with meta-analysis

Spine J 17 (2017a) 1342 - 51

+Dario,A.B.

Ferreira,M.A., Refshauge,K.M., Lima,T.S., Ordonana,J.R., Ferreira,P.H.

The relationship between obesity, low back pain, and lumbar disc degeneration when genetics and the environment are considered: a systematic review of twin studies

Spine J 15 (2015)1106 - 7

+Dario,A.B.

Ferreira,M.A., Refshauge,K.M., Luque-Suarez,A., Ordonana,J.R., Ferreira,P.H.

Obesity does not increase the risk of chronic back pain when genetics are considered. A prospective study of Spanish adult twins

Spine J 17 (2017)282 - 90

- +Dario,A. Fortini,G., Bertollo,D., Bacuzzi,A., Grizzetti,C., Cuffari,S.  
Treatment of failed back surgery syndrome  
Neuromodulation 4 (2001)105 – 10
- +Darlow,B. Dean,S., Perry,M., Mathieson,F., Baxter,G.D., Dowell,A.  
Easy to harm, hard to heal. Patient views about the back  
Spine 40 (2015)842 - 50
- +Darmawan,J. Valkenburg,H.A., Muirden,K.D., Wigley,R.D.  
The prevalence of soft tissue rheumatism. A who-ilar copcord study  
Rheumatol Int 15 (1995)121 - 4
- +Daschner,T. Tschubar,F.  
Wissenschaftlich gestütztes Training für Krankenversicherte mit Rückenbeschwerden: Eine Kosten-Nutzen-Analyse dargestellt am Beispiel der Gothaer Krankenversicherung AG  
Manuelle Med 44 (2006)308 – 12
- +da Silva,M.C. Fassa,A.G., Valle,N.C.J.  
Dor lombar cronica em uma populacao adulta do sul de Brasil: prevalencia e fatores associados.  
(Chronic low back pain in a southern Brazilian adult population: prevalence and associated factors; Portuguese)  
Cad Saude Publica 20 (2004)377 – 85
- (+)da Silva,M.L. Miyamoto,C.G., Ferrpo Mouro Franca,K., dos Santos Franco,Y.R., Nunes Cabral,C.M.  
Different weekly frequencies of Pliates dis not accelerate pain improvement in patients with chronic low back pain  
Braz J Phys Ther (2019) online 16.5.2019,  
[doi.org/10.1016/j.bjpt.2019.05.001](https://doi.org/10.1016/j.bjpt.2019.05.001)
- +da Silva,T. Macaskill,P., Mills,C., Maher,C., Lin,C., Hancock,M.J.  
Predicting recovery in Patients with acute low back pain. A clinical prediction model  
Eur J Pain 21 (2017)716 – 26 (Internetzugriff 5.8.2017)
- (-)da Silva,T. Mills,K., Kongsted,A., Maher,C., Hancock,M.

- What is the personal impact of recurrences of low back pain?  
Subanalysis of an inception cohort study  
  
J Orthop Sports Phys Ther (2020) in press, 16.04.2020  
doi/10.2519/jospt.2020.9345
- Datamonitor  
Neuropathic pain insight study. Life beyond gabapentin  
Reference code: DMHC 1868, February 2004 (zit. Taylor, 2006)
- +Daubs,M.D.  
Hung,M., Adams,J.R., Patel,A.A., Lawrence,B.D., Neese,A.M., Brodtke,D.S.  
Clinical predictors of psychological distress in patients presenting for evaluation of a spinal disorder  
Spine J 14 (2014)1987 - 83
- +Daubs,M.D.  
Norvell,D.C., McGuire,R., Molinari,R., Hermsmeyer,J.T., Fourney,D.R., Wolinsky,J.P., Brodke,D.  
Fusion versus nonoperative care for chronic low back pain. Do psychological factors affect outcome?  
Spine 36 (2011)S96 - S109
- +Davatchi,F.  
Jamshidi,A.R., Banihashemi,A.T.  
WHO-ILAR COPCORD pilot study in Teheran,Iran  
J Rheumatol 33 (2006)1714
- +Davern,T.J.  
James,L.P., Hinson,J.A., Polson,J., larson,A.M., Fontana,R.J., Lalani,E., Munoz,S., Shakil,A.O., Lee,W.M.  
Measurement of serum acetaminophen-protein adducts in patients with acute liver failure  
Gastroenterology 130 (2006)687 – 94
- +Davidson,D.  
Rowan,R., Reilly,C.  
Lumbosacral nerve root anomaly associated with spondylolisthesis in an adolescent: a case report and review of the literature  
Spine 31 (2006)E718 – 21
- +Davidson,M.  
Keating,J.L.  
A comparision of five low back disability questionnaires: reliability and responsiveness  
Phys Ther 82 (2002)8 – 24

- Davidson,R.J. Irwin,W.  
The functional neuroanatomy of emotion and affective style  
Trends Cogn Sci 3 (1999)11 – 21 (zit. Ochsner et al., 2006)
- +Davidson,S. Copits,B.A., Zhang,J., Page,G., Ghetti,A., Gereau IV,R.W.  
Human sensory neurons: Membrane properties and  
senitization by inflammatory mediators  
Pain 155 (2014)1861 - 70
- +Davidson,S. Golden,J.P., Copits,B.A., Ray,P.R., Vogt,S.K., Valtcheva,M.V.,  
Schmidt,R.E., Ghetti,A., Price,T.J., Gereau IV, R.W.  
Group II mGluRs suppress hyperexcitability in mouse and  
human nociceptors  
Pain 157 (2016)2081 - 8
- +Davies,C.M. Guilak,F., Weinberg,J.B., Fermor,B.  
Reactive nitrogen and oxygen species in interleukin – 1 –  
mediated DNA damage associated with osteoarthritis  
Osteoarthritis Cartilage 16 (2008)24 – 30
- +Davies,J.E. Gibson,T., Tester,L.  
The value of exercises in the treatment of low back pain  
Rheumatol Rehabil 18 (1979)243 – 7
- Davies,P.E. Galer,B.S.  
Review of lidocain patch 5% studies in the treatment of  
postherpetic neuralgia  
Drugs 64 (2004)937 – 47 (zit. Xiao et al., 2008)
- +Davin,S. Lapin,B., Mijatovic,D., Fox,R., Benzel,E., Stilphen,M.,  
Machado,A., Katzan,I.L.  
Comparative effectiveness of an interdisciplinary pain  
program for chronic low back pain, compared to physical  
therapy alone  
Spine 44 (2019)1715 - 22
- +Davis,D.A. Luecken,L.J., Zautra,A.J.  
Are reports of childhood abuse related to the experience of  
chronic pain in adulthood?

- Clin J Pain 21 (2005)398 – 405  
+Davis ,K.A. Macfarlane,G.J., McBeth,J., Morriss,R., Dickens,C.  
Insecure attachment style is associated with chronic widespread pain
- Pain 143 (2009)200 - 5  
+Davis,K.G. Marras,W.S., Heaney,C.A., Waters,T.R., Gupta,P.  
The impact of mental processing and pacing on spine loading:  
2002 Volvo Award in biomechanics
- Spine 27 (2002)2645 – 53  
+Davis,M. Ettinger,W.H., Neuhaus,J.M., Barclay,J.D., Segal,M.R.  
Correlates of knee pain among US adults with and without radiographic knee osteoarthritis
- J Rheumatol 19 (1992)1943 – 9  
+Davis,M.A. Davis,A.M., Luan,J. et al.  
The supply and demand of chiropractors in the United States from 1996 to 2005
- Altern Ther Health Med 15 (2009a)36 – 40  
+Davis,M.A. Martin,B.A., Coulter,I.D., Weeks,W.B.,  
US spending on complementary and alternative medicine during 2002 – 08 plateaued, suggesting role in reformed health system
- Health Aff 32 (2013)45 – 52  
+Davis,M.A. Onega,T., Weeks,W.B., Lurie,J.D.  
Where the United States spends its spine dollars:  
expenditures on different ambulatory services for the management of back and neck conditions
- Spine 37 (2012)1693 - 701  
+Davis,M.P. Buprenorphine in cancer pain
- Support Care Cancer 13 (2005)878 – 87  
-Davis,T.T. et al. The IDET procedure for chronic discogenic low back pain
- Spine 29 (2004)752 – 6 (zit. Zhou & Abdi, 2006)  
+Davis,V.P. Fillingim,R.B., Doleys,D.M., Davis,M.P.

Assessment of aerobic power in chronic pain patients before and after a multi-disciplinary treatment program

Arch Phys Med Rehab 73 (1992)726 – 9

+Davoli-Ferreira,M.

de Lima,K.A., Fonseca,M.M., Guimaraes,R.M., Gomes,F., Cavallini,M.C., Quadros,A.U., Kusuda,R. und 3 weitere Autoren

Regulatory T cells counteract neuropathic pain through inhibition of the Th 1 response at the site of peripheral nerve injury

Pain 161 (2020)1730 - 43

+Dawley,J.D.

Moeller-Bertram,T., Wallace,M.S., Patel,P.M:

Intra-arterial injection in the rat brain: Evaluation of steroids used for transforaminal epidurals

Spine 34 (2009)1638 – 43

+Dawson,A.P.

Schluter,P.J., Hodges,P.W., Stewart,S., Turner,C.

Fear of movement, passive coping, manual handling, and severe or radiating pain increase the likelihood of sick leave due to low back pain

Pain 152 (2011)1517 - 24

+Dawson,K.H:

Egbert,M.A., Myall,R.W.

Pain following iliac crest bone grafting of alveolar clefts

J Craniomaxillofac Surg 24 (1996)151 – 4

+Day,M.A.

Smitherman,A., Ward,L.C., Thorn,B.E.

An investigation of the associations between measures of mindfulness and pain catastrophising

Clin J Pain 31 (2015)222 - 8

+Day,R.O.

McLachlan,A.J., Graham,G.G., Williams,K.M.

Pharmacokinetics of nonsteroidal anti-inflammatory drugs in synovial fluid

Clin Pharmacokinet 36 (1999)191 – 210

+Day,Y.J.

Liou,J.T., Lee,C.M., Lin,Y.C., Mao,C.C., Chou,A.H., Liao,C.C., Lee,H.C.

Lack of interleukin-17 leads to a modulated micro-environment and amelioration of mechanical hypersensitivity after peripheral nerve injury in mice

Pain 155 (2014)1293 - 1302

(-)Dayanir,I.O.

Birinci,T., Mutlu,E.K., Akcetin,M.A., Akdemir,A.O.

Comparison of three manual therapy techniques as trigger point therapy for chronic nonspecific low back pain: a randomized controlled pilot trial

J Alternat Complement Ther online 5.2.2020,  
doi.org/10.1089/acm.2019.0435

-Daykin,A.R.

Richardson,B.

Physiotherapists' pain beliefs and their influence on the management of patients with chronic low back pain

Spine 29 (2004)783 – 95 (zit. Smeets & Wittink, 2007)

de Alba,J. et al.

GW274150, a novel and highly selective inhibitor of the inducible isoform of nitric oxide synthase (iNOS), shows analgesic effects in rat models of inflammatory and neuropathic pain

Pain 120 (2006)170 – 81 (zit Dudhgaonkar et al., 2007)

+ de Andrade,D.C.

Bendib,B., Hattou,M., Keravel,Y., Nguyen,J.P., Lefaucheur,J.P.

Neurophysiological assessment of spinal cord stimulation in failed back surgery syndrome

Pain 150 (2010)485 - 91

de Andres,J.

van Buyten,J.-P.

Neural modulation by stimulation

Pain Practice 6 (2006)39 – 45

-de Bartolomeis,A.

Iasevoli,F.

The Homer family and the signal transduction system at glutamatergic postsynaptic density: potential role in behaviour and pharmacotherapy

Psychopharmacol Bull 37 (2003)51 – 83 (zit. Obara et al., 2013)

+Debelle,L.

Alix,A.J.

The structures of elastins and their function

- Biochimie 81 (1999)981 – 4
- +Debelle,L. Tamburro,A.M.
- Elastin: molecular description and function
- Int J Biochem Cell Biol 31 (1999)261 – 72
- de Berard,M.S. Masters,K.S., Colledge,A.L., Schleusener,R.L., Schlegel,J.D.
- Outcomes of posterolateral lumbar fusion in Utah patients receiving workers' compensation: a retrospective cohort study
- Spine 26 (2001)738 – 47
- +de Berard,M.S. Ia Caille,R.A., Spielmans,G., Colledge,A., Parlin,M.A.
- Outcomes and presurgery correlates of lumbar discectomy in Utah Workers' Compensation patients
- Spine J 9 (2009)193 - 203
- Debnath,U.K. Freeman,B.J.C., Grevitt,M.P., Sithole,J., Scammell,B.E., Webb,J.K.
- Clinical outcome of symptomatic unilateral stress injuries of the lumbar pars interarticularis
- Spine 32 (2007)995 - 1000
- Dechow,E. Davies,R.K., Carr,A.J., Thompson,P.W.
- A randomized, double-blind, placebo-controlled trial of sclerosing injections in patients with chronic low back pain
- Rheumatology (Oxford) 38 (1999)1255 – 9 (zit. Dagenais et al., 2008c)
- +Deckert,J. Catalano,M., Syagallo,Y.V., Bosi,M., Okladnova,O., di Bella,D., Nöthen,M., Maffei,P. und weitere 7 Autoren
- Excess of high activity monoamine oxidase A gene promoter alleles in female patients with panic disorder
- Hum Mol Genet 8 (1999)621 – 4
- de C.Williams,A.C. siehe Williams,A.de.C.
- +de Col, R. Messlinger,K., Carr,R.W.
- Conduction velocity is regulated by sodium channel inactivation in unmyelinated axons innervating the rat cranial meninges

J Physiol 586 (2008)1089 – 103

+Deeks,J.J.

Altman,D.G.

Diagnostic tests 4: likelihood ratios

BMJ 329 (2004)168 – 9

+Deere,K.C.

Clinch,J., Holliday,K., McBeth,J., Crawley,E.M., Sayers,A., Palmer,S., Doerner,R., Tobias,J.H.

Obesity is a risk factor for musculoskeletal pain in adolescents: Findings from a population-based cohort

Pain 153 (2012)1932 - 8

(-)de Faria Alvim de Toledo,D.

Barreto Kochem,F., Guilherme Silva,J.

High-velocity, low amplitude manipulation (HVLA) does not alter three-dimensional position of sacroiliac joint in healthy men: a quasi-experimental study

J Bodywork Movem Ther (2019) in press;  
doi.org/10.1016/j.jbmt.2019.05.020

+de Felice,M.

Sanoja,R., Wang,R., Vera-Portocarrero,L., Oyarzo,J., King,T., Ossipov,M.H., Vanderah,T.W., Lai,J., Dussor,G.O., Fields,H.L., Price,T.J., Porreca,F.

Engagement of descending inhibition from the rostral ventromedial medulla protects against chronic neuropathic pain

Pain 152 (2011)2701 - 9

+de Felipe,C.

Herrero,J.F., O'Brien,J.A., Palmer,J.A., Doyle,C.A., Smith,A.J., Laird,J.M.A., Belmonte,C., Cervero,F., Hunt,S.P.

Altered nociception, analgesia and aggression in mice lacking the receptor for substance P

Nature 392 (1998)394 – 7

+ de Foa,J.L.

Forrest,W., Biedermann,H.

Muscle-fiber direction of longissimus, iliocostalis and multifidus : landmark derived reference lines

J Anat 163 (1989)243 – 7

+Defrin,R.

Benyamin,B., Aldubi,R.D., Pick,C.G.

Conservative correction of leg-length discrepancies of 10 mm or less for the relief of chronic low back pain

Arch Phys Med Rehabil 86 (2005)2075 – 80

+Defrin,R.

Devor,M., Brill,S.

Tactile allodynia in patients with lumbar radicular pain (sciatica)

Pain 155 (2014)2551 - 9

+de Gagne,J.A.

Mikail,S.F., D'Eon,J.L.

Confirmatory factor analysis of a 4-factor model of chronic pain evaluation

Pain 60 (1995)195 – 202

+Degenhardt,B.F.

The 2011 Thomas L. Northup memorial lecture – a road less traveled: Osteopathy's legacy, osteopathic medicine's challenge

AAO J 21 (2011)4: 7 - 18

de Girolamo,G.

Epidemiology and social costs of low back pain and fibromyalgia

Clin J Pain 7 (1991) Suppl.1: S1 (zit.Gerwin et al., 2005)

de Good,D.E.

Tait,R.C.

Assessment of pain believes and pain coping. In: Turk,D.C., Melzack,R. eds.: Handbook of pain assessment. 2<sup>nd</sup> ed., New York, Guilford Press, 2001, S. 320 – 45, (zit. Romano et al., 2003)

+de Gregorio,D.

McLaughlin,R.J., Posa,L., Ochoa-Sanchez,R., Enns,J., Lopez-Canui,M., Aboud,M., Maione,S., Comai,S., Gobbi,G.

Cannabidiol modulates serotonergic transmission and reverses both allodynia and anxiety-like behavior in a model of neuropathic pain

Pain 160 (2019)136 - 50

+de Groot,J.F.

Coggeshall,R.E., Carlton,S.M.

The reorganisation of mu-opioid receptors in the rat dorsal horn following peripheral axotomy

Neurosci Lett 233 (1997)113 – 6

+de Heer,H.D.

Warren,M.

Physical therapy and hospitalization among Medicare beneficiaries with low back pain. A retrospective cohort study

- Spine 41 (2016)1515 - 22  
+Dehghani,M.  
Sharpe,L., Nichols,M.K.  
Selective attention to pain-related information in chronic musculoskeletal pain patients
- Pain 105 (2003)37 – 46  
+de Inocencio,J.  
Epidemiology of musculoskeletal pain in primary care  
Arch Dis Child 89 (2004)431 - 4
- +Deising,S.  
Weinkauf,B., Blunk,J., Obreja,O., Schmerlz,M., Rukwied,R.  
NGF-evoked sensitization of muscle fascia nociceptors in humans  
Pain 153 (2012)1673 - 9
- +Deitos,A.  
Dussan-Saria,J.A., de Souza,A., Medeiros,L., da Graca Tarrago,M., Sehn,F., Chassot,M., Zanette,S., Schwertner,A., Fregni,F., Torres,I.L.S., Caumo,W.  
Clinical value of serum neuroplasticity mediators in identifying the central sensitivity syndrome in patients with chronic pain with and without structural pathology  
Clin J Pain 31 (2015)959 - 67
- de Jong,J.R.  
Vlaeyen,J.W., Onghena,P.  
Fear of movement/reinjury in chronic low back pain: education or exposure in vivo as mediator to fear reduction?  
Clin J Pain 21 (2005)9 – 17 (zit. Trost et al., 2008)
- +de Jong,J.R.  
Vlaeyen,J.W.S., Onghena,P., Cuypers,C., den Hollander,M., Ruijgrok,J.  
Reduction of pain-related fear in complex regional pain syndrome type I: the application of graded exposure in vivo  
Pain 116 (2005)264 - 75
- Dejung,B.  
Triggerpunkttherapie. Die Behandlung akuter und chronischer Schmerzen im Bewegungsapparat mit manueller Triggerpunkttherapie und dry Needling  
Huber, Bern, 2006 (zit. Blaser-Sziede et al., 2013)
- +de Kruijf,M.  
Stolk,L., Zillikens,C., de Rijke,Y.B., Bierma-Zeinstra,S.M.A., Hofman,A., Huygen,F.J.P.M., Uitterlinden,A.G., van Meurs,J.B.J.

Lower sex hormon levels are associated with more chronic musculoskeletal pain in community-dwelling elderly women

Pain 157 (2016)1425 - 31

+de la Houssaye,B.A.

Mikule,K., Nikolic,D., Pfenninger,K.H.

Thrombin-induced growth cone collapse: involvement of phospholipase A (2) and eicosanoid generation

J Neurosci 19 (1999)10843 – 55

+de la Puente,P.

Nadal,X., Portillo-Salido,E., Sanches-Arroyos,R., Ovalle,S., Palacios,G., Muro,A., Romero,L., Entrena,J.M., Baeyens,J.M., Lopez-Garcia,J.A., Maldonado,R., Zamanillo,D., Vela,J.M:

Sigma-1 receptors regulate activity-induced spinal sensitization and neuropathic pain after peripheral nerve injury

Pain 145 (2009)294 - 303

+de la Torre,S.

Rojas-Piloni,G., Martinez-Lorenzana,G., Rodriguez-Jimenez,J., Villanueva,L., Condes-Lara,M.

Paraventricular oxytocinergic hypothalamic prevention or interruption of long-term potentiation in dorsal horn nociceptive neurons : electrophysiological and behavioral evidence

Pain 144 (2009)320 - 8

+de Lecea,L.

Criado,J.R., Prospero-Garcia,O., Gautvik,K.M., Schweitzer,P., Danielson,P.E., Dunlop,C.L.M., Siggins,G.R., Henriksen,S.J., Sutcliffe,J.G.

A cortical neuropeptide with neuronal depressant and sleep-modulating properties

Nature 381 (1996)242 – 5

+DeLeo,J.A.

Colburn,R.W., Nichols,M., Malhotra,A.

Interleukin-6-mediated hyperalgesia/allodynia and increased spinal IL-6 expression in a rat mononeuropathy model

J Interferon Cytokine Res 16 (1996)695 – 700

+DeLeo,J.A.

Colburn,R.W., Rickman,A.J.

Cytokine and growth factor immunohistochemical spinal profiles in two animal models of mononeuropathy

Brain Res 759 (1997)50 – 7

- +DeLeo,J.A. Yezierski,R.P.  
The role of neuroinflammation and neuroimmune activation  
in persistent pain  
*Pain* 90 (2001)1 – 6
- +de Leon-Casarolla,O.A. Multimodal, multiclass, multidisciplinary therapy: the key to  
better analgesia in the 21<sup>st</sup> century?  
*Clin J Pain* 26 (2010)Suppl. S1 - 2
- +Delitto,A. Cibulka,M.T., Erhard,R.E., Bowling,R.W., Tenhula,J.A.  
Evidence for use of an extension-mobilisation category in  
acute low-back syndrome: a prescriptive validation pilot  
study  
*Physiol Ther* 73 (1993)216 – 28
- +Delitto,A. Erhard,R.E., Bowling,R.W.  
A treatment based classification approach to low back  
syndrome: identifying and staging patients for conservative  
management  
*Phys Ther* 75 (1995)470 – 89
- Delitto,A. –n- Shulman,A.D., Rose,S.J. et al.  
Reliability of a clinical examination to classify patients with  
low back pain: an experimental study  
*Phys Ther Pract* 1 (1992)917 - 22
- +Dellemijn,P.L.I. Opioids in non-cancer pain: a life-time sequence?  
*Eur J Pain* 5 (2001)333 -9
- +Delp,M. Differential effects of training on the control of skeletal  
muscle perfusion  
*Med Sci Sports Exerc* 30 (1998)351 – 74
- +del Pozo-Cruz,B. Adsuar,J.C., Parraca,J., del Pozo-Cruz,J., Moreno,A., Gusi,N.  
A web-based intervention to improve and prevent low back  
pain among office workers: a randomized controlled trial  
*J Orthop Sports Phys Ther* 42 (2012)831 – 41, D 1-6
- +del Pozo-Cruz,B. Hernandez Mocholi,,M.A., Adsuar,J.C., Parraca,J.A., Muro,I.,  
Gusi,N.

- Effects of whole body therapy on main outcome measures for chronic non-specific low back pain: a single blind randomized controlled trial  
J Rehabil Med 43 (2011)589 – 94
- +del Seppia,C.  
Ghione,S., Luschi,P., Ossenkopp,K.P., Choleris,E., Kavaliers,M:  
Pain perception and electromagnetic fields  
Neurosci Biobehav Rev 31 (2007)619 – 42 (zit. Harden et al., 2007)
- +de Luca,P.F.  
Mason,D.E., Weiand,R., Howard,R., Bassett,G.S.  
Excision of herniated nucleus pulposus in children and adolescents  
J Pediatr Orthop 14 (1994)318 – 22
- +Demant,D.T.  
Lund,K., Finnerup,N.B., Vollert,J., Maier,C., Segerdahl,M.S., Jensen,T.S., Sindrup,S.H.  
Pain relief with lidocaine 5 % patch in localized peripheral neuropathic pain in relation to pain phenotype: a randomized, double blind, and placebo-controlled, phenotype panel study  
Pain 156 (2015)2234 - 44
- +de Miguel-Diez,J.  
Lopez-de-Andres,A., Hernandez-Barrera,V., Jimenez-Trujillo,I., del Barrio,J.L., Puente-Maestu,L., Martinez-Huedo,M.A., Jimenez-Garcia,R.  
Prevalence of pain in COPD patients and associated factors. Report from a population-based study  
Clin J Pain 34 (2018)787 - 94
- +Demircan,K.  
Hirohata,K., Nishida,K., Hatipoglu,O.F., Oohashi,T., Yonezawa,T., Apte,S.S., Ninomiya,Y.  
ADAMTS-9 is synergistically induced by interleukin-1 beta and tumor necrosis factor alpha in OUMS-27 chondrosarcoma cells and in human chondrocytes  
Arthritis Rheum 52 (2005)1451 – 60
- +Demmelmaier,I.  
Lindberg,P., Asenlöf,P., Denison,E.  
The associations between pain intensity, psychosocial variables, and pain duration/recurrence in a large sample of persons with nonspecific spinal pain  
Clin J Pain 24 (2008)611 - 9

- (+)Demoulin,C.  
Baeri,D., Toussaint,G., Cagnie,B., Beermaert,A., Kaux,J.F.,  
Vanderthommen,M.  
Beliefs in the population about cracking sounds produced  
during spinal manipulation  
Joint Bone Spine 85 (2018)239 – 42 (nur Abstrakt)
- +Demoulin,C.  
Huijnen,I.P.J., Somville,P.R., Grosdent,S., Salamun,I.,  
Crielaard,J.M., Vanderthommen,M., Volders,S.  
Relationship between different measures of pain-related fear  
and physical capacity of the spine in patients with chronic low  
back pain  
Spine J 13 (2013)1039 - 47
- +Demyttenaere,K.  
Bruffaerts,R., Lee,S., Posada-Villa,J., Kovess,V.,  
Angermeyer,M.C., Levinson,D., de Girolamo,G., Nakane,H.,  
Mneimneh,Z., Lara,C., de Graaf,R., Scott,K.M., Gureye,O.,  
Stein,D.J., Haro,J.M., Bromet,E.J., Kessler,R.C., Alonso,J., von  
Korff,M.  
Mental disorders among persons with chronic back or neck  
pain: results from the world mental health surveys  
Pain 129 (2007)332 – 42
- +Denard,P.J.  
Holton,K.F., Miller,J., Fink,H.A., Kado,D.M., Yoo,J.U.,  
Marshall,L.M.,  
Lumbar spondylolisthesis among elderly men. Prevalence,  
correlates and progression  
Spine 25 (2010)1072 – 8
- +Denard,P.J.  
Holton,K.F., Miller,J., Fink,H.A., Kado,D.M., Marshall,L.M.,  
Yoo,J.U.,  
Back pain, neurogenic symptoms, and physical function in  
relation to Spondylolisthesis among elderly men  
Spine J 10 (2010a)865 - 73
- den Boer,J.J.  
Oostendorp,R.A.B., Beems,T., Munneke,M., Evers,A.V.M.  
A systemic review of bio-psychosocial risk factors for an  
unfavourable outcome after lumbar disc surgery  
Eur Spine J 15 (2006a)527 - 36
- +den Boer,J.J.  
Oostendorp,R.A.B., Beems,T., Munneeke,M., Evers,A.W.M.  
Continued disability and pain after lumbar disc surgery: the  
role of cognitive-behavioral factors

- Pain 123 (2006)45 – 52  
+den Boer,J.J. Oostendorp,R.A.B., Beems,T., Munneke,M., Evers,A.W.M.  
Reduced work capacity after lumbar disc surgery: The role of cognitive-behavioral and work-related risk factors
- Pain 126 (2006b)72 – 8  
+Deng,Y.S. Zhong,J.H., Zhou,X.F.  
Effect of endogenous neurotrophins on sympathetic sprouting in the dorsal root ganglia and allodynia following spinal nerve injury
- Exp Neurol 164 (2000)344 – 50  
+ Denk,F. Huang,W., Sidders,B., Bithell,A., Crow,M., Grist,J., Sharma,S., Ziemeck,D., Rice,A.S.C., Buckley,N.J., McMahon,S.B.  
HDAC inhibitors attenuate the development of hypersensitivity in models of neuropathic pain
- Pain 154 (2013)1668 - 79  
Denner,A. Die wirbelsäulenstabilisierende Muskulaturchronischer Rückenpatienten  
Manuelle Med 35 (1997)94 – 102 (zit. Humer et al., 2009)
- +Dennison,E. Asenlöf,,P., Lindberg,P.  
Self-efficacy, fear avoidance and pain intensity as predictors of disability in subacute and chronic musculoskeletal pain patients in primary health care
- Pain 11 (2004)245 – 52 (so zit. Rasmussen-Barr et al., 2004)  
+Denslow,J.S. Chace,J.A., Guttensohn,O.R., Kumm,M.G.  
Methods in taking and interpreting weight-bearing x-ray films  
JAOA 54 (1955)663 – 70
- +Denteneer,L. van Daele,U., de Hertogh,W., Truijen,S., Stassijns,G.  
Identification of preliminary prognostic indicators for back rehabilitation in patients with nonspecific chronic low back pain
- Spine 41 (2016)522 - 9  
+Denteneer,L. van Daele,U., Truijen,S., de Hertogh,W., Meirte,J., Stassijns,G.

Reliability of physical functioning tests in patients with low back pain : a systematic review

Spine J 18 (2018)190 - 207

+de Oliveira,R.F.

Oliveira Pena Costa,L., Nascimento,L.P., Rissato,L.L.

Directed vertebral manipulation is not better than generic vertebral manipulation in patients with chronic low back pain : a randomized trial

J Physiother (2020) doi.org/10.1016/j.jphys.2020.06.007

(-)de Oliveira Meirelles,F.

de Oliveira Muniz Cunha,J.C., da Silva,E.B.

Osteopathic manipulation treatment versus therapeutic exercises in patients with chronic nonspecific low back pain : A randomized, controlled and double-blind study

J Back Musculoskel Rehab 32 (2019) pre-press 18.10.2019,  
doi :10.3233/BMR-181355

+de Orio,J.K.

Bianko,A.J.

Lumbar disc excision in children and adolescents

J Bone Joint Surg Am 64 (1982)991 – 6

+DePalma,M.J.

Slipman,C.W.

Evidence-informed management of chronic low back pain with epidural steroid injections

Spine J 8 (2008)45 – 55

+DePalma,M.J.

Driving the lane: a clearer view of facet joint cyst intervention (commentary)

Spine J 9 (2009)921 – 3

+Depalma,M.J.

Ketchum,J.M., Sullo,T.

What is the source of chronic low back pain and does age play a role?

Pain Med 112 (2011)224 – 233

(+)de Queirez Szeles,P.R.

Santos de Costa,T, Alves da Cunha,R., Hespanhol,L., de Castro Pochini,A., Addeo Ramos,L. Cohen,M.

CrossFit and the epidemiology of musculoskeletal injuries. A prospective 12-week cohort study

Orthop J Sports Med 8 (2020)2325967120908884 (zit.  
Sportverl Sportschad 34 (2020)111

- Derbolowsky,K.  
Chirotherapie  
2. Auflage Hauf 1981 (so zit. Kondziella, 1996)
- +Derbolowsky,U.  
Über das Phänomen der „variablen Beinlängendifferenz“  
Manuelle Med 5 (1967)63 – 71
- Derbolowsky,U.  
Medizinisch-orthopädische Propädeutik für Manuelle Medizin und Chirotherapie  
Fischer, Heidelberg 1976 (zit. Neumann, 1999)
- Derby,R. et al.  
A prospective analysis of lumbar manometric discography findings in select participants without low back symptoms  
Proc Int Soc Study Lumbar Spine, Vancouver, 2003, S. 123 (zit. Carragee et al., 2006b)
- +Derby,R.  
Baker,R.M., Lee,C.-H., Anderson,P.A.  
Evidence-informed management of chronic low back pain with intradiscal electrothermal therapy  
Spine J 8 (2008a)80 – 95
- +Derby,R.  
Baker,R.M., Lee,C.-H.  
Evidence-informed management of chronic low back pain with minimally invasive nuclear decompression  
Spine J 8 (2008b)150 – 9
- +Derby,R.  
Kim,B.J., Lee,S.H., Chen,Y., Seo,K.S., Aprill,C.  
Comparison of discographic findings in asymptomatic subject discs and negative discs of chronic LBP patients: Can discography distinguish asymptomatic discs among morphologically abnormal discs?  
Spine J 5 (2005)289 – 94
- +Derbyshire,S.W.  
Meta-analysis of the thirty-four independent samples studied using pet reveals a significantly attenuated central response to noxious stimulation in clinical pain patients  
Curr Rev Pain 3 (1999)265 – 80
- +Derbyshire,S.W.  
Jones,A.K., Creed,F., Starz,T., Metzer,C.C., Townsend,D.W., Peterson,A.M., Firestone,L.  
Cerebral responses to noxious thermal stimulation in chronic low back pain patients and normal controls  
Neuroimage 16 (2002)158 – 68

- +Derbyshire,S.W. Oakley,D.A.  
A role for suggestion in differences in brain responses after placebo conditioning in high and low hypnotizable subjects (Commentary)  
Pain 154 (2013)1487 - 8
- +de Ridder,D. Plazier,M., Kamerling,N., Menovsky,T., Vanneste,S.  
Burst spinal cord stimulation for limb and back pain  
World Neurosurg 80 (2013)642 – 9, e641 (Internetzugriff 14.7.17)
- +Derman,K.L. Derman,E.W., Noakes,T.D.  
A lumbar body support (KBS 2000) alters lumbar muscle recruitment patterns in patients with acute-upon-chronic lower back pain  
S Afr Med J 85 (1995)278 – 82
- +Derogatis,L.R. Cleary,P.A.  
Confirmation of the dimensional structure of the SCL-90-R: a study in construct validation  
J Clin Psychol 33 (1977)981 – 9
- Derogatis,L.R. Melisaratos,N.  
The Brief Symptom Inventory, an introductory report  
Psychol Med 13 (1983)595 – 695 (zit. Hardt & Brähler, 2007)
- +Derogatis,L.R. Lipman,R.S., Rickels,K., Uhlenhuth,E.H., Covi,L.  
The Hopkins syndrome checklist (HSCL): a self-report inventory  
Behav Sci 1 (1974)1 – 15
- de Roos,A. Kressel,H., Spritzer,C. et al.  
MR imaging of marrow changes adjacent to endplates in degenerative lumbar disc disease  
AJR Am J Roentgenol 149 (1987)531 – 4
- +DeRosa,C..P. Porterfield,J.A.,  
A physical therapy model for the treatment of low back pain  
Phys Ther 72 (1992)261 – 9, discussion 270 – 2

- +Dersh,J. Prevalence of psychiatric disorders in patients with chronic disabling occupational spine disorders  
Spine 31 (2006)1156 – 62
- Dersh,J. Mayer,T., Theodore,B.R., Polatin,P., Gatchel,R.J.  
Do psychiatric disorders first appear preinjury or postinjury in chronic disabling occupational spinal disorders?  
Spine 32 (2007)1045 – 51
- +Dersh,J. Mayer,T., Gatchel,R.J., Towns,B., Theodore,B., Polatin,P.  
Psychiatric comorbidity in chronic disabling occupational spinal disorders has minimal impact on functional restoration socioeconomic outcomes  
Spine 32 (2007)1917 – 25
- +Dersh,J. Mayer,T., Gatchel,R.J., Polatin,P.B., Theodore,B.R., Mayer,E.A.K.  
Prescription opioid dependence is associated with poorer outcomes in disabling spinal disorders  
Spine 33 (2008)2219 – 27
- +Dersh,J. Polatin,P.B., Gatchel,R.J.  
Chronic pain and psychopathology: research findings and theoretical considerations  
Psychosomat Med 64 (2002)773 - 86
- +de Ruddere,L. Goubert,L., Prkachin,K.M., Stevens,M.A.L., van Ryckeghem,D.M.L., Crombez,G.  
When you dislike patients, pain is taken less seriously  
Pain 152 (2011)2342 - 7
- +Desai,M.J. Kapural,L., Petersohn,J.D., Vallejo,R., Menzies,R., Creamer,M., Gofeld,M.  
A prospective, randomized, multicenter, open-label clinical trial comparing intradiscal biacuplasty to conventional medical management for discogenic lumbar back pain  
Spine 41 (2016)1065 - 74
- +Desai,M.J. Saini,V., Saini,S.  
Myofascial pain syndrome: a treatment review

+des Anges Cruser,D.

Maurer,D., Hensel,K., Brown,S., White,K., Stoll,S.

A randomized controlled trial of osteopathic manipulative treatment for acute low back pain in active duty military personnel

J Man Manipulative Ther 20 (2012)5 - 15

+des Agnes Cruser

s. Cruser,D.A.

+de Santana,J.M.

da Silva,L.F., Sluka,K.A.

Cholecystokinin receptors mediate tolerance to analgesic effect of TENS in arthritic rats

Pain 148 (2010)84 - 93

+Desaphy,J.F.

Diplama,A., de Bellis,M., Costanza,T., Gaudisio,C., Delmas,P., George Jr.,A.L., Conte Camerino,D.

Involvement of voltage-gated sodium channels blockade in the analgesic effects of orphenadrine

Pain 142 (2009)225 - 35

+Desaphy,J.F.

Pierno,S., Liantonio,A., de Luca,A., Didonna,M.P., Frigeri,A., Nicchia,G.P., Svelto,M., Camerino,C., Zallone,A., Conte Camerino,D.

Recovery of the soleus muscle after short- and long-term disuse induced by hindlimb unloading: effect on the electrical properties and myosin heavy chain profile

Neurobiol Dis 18 (2005)356 – 65

+Descarreaux,M.

Blouin,J.S., Teasdale,N.

Repositioning accuracy and movement parameters in low back pain subjects and healthy control subjects

Eur Spine J 14 (2005)185 – 91

+Descarreaux,M.

Normand,M.C., Laurencelle,L., Dugas,C.

Evaluation of a specific home exercise program for low back pain

J Manipulative Physiol Ther 25 (2002)497 – 503

+Descarreaux,M.

Dugas,C., Lalanne,K., Vinclette,M., Normand,M.C.

Learning spinal manipulation: the importance of augmented feedback relating to various kinetic parameters

Spine J 6 (2006)138 – 48

Descartes,R.

De Homine

Leyden: Myardus and Leffen: 1662 (zit. Sullivan, 2008)

+de Schepper,E.I.T.

Damen,J., van Meurs,J.B.J., Ginai,A.Z., Popham,M., Hofman,A., Koes,B.W., Bierma-Zeinstra, S.M.

The association between lumbar disc degeneration and low back pain

Spine 35 (2010)531 - 6

+Deshmukh,V.

Ibanez,M., hu,H., Cahiwant,J., Wei,Y., Stewart,J., Hood,J., Yaziki,Y.

A small-molecule inhibitor of the Wnt pathway, loricrivinib (SM04690), as a potential disease-modifying agent for the treatment of degenerative disc disease

Spine J 20 (2020)1492 - 1502

+Desjardins-Charbonneau,A.

Roy,A.D., Thibault,J., Ciccone,V.T., Desmeules,F.

Acceptability of physiotherapists as primary care practitioners and advanced practice physiotherapists for care of patients with musculoskeletal disorders: a survey of a university community within the province of Quebec

BMC Musculoskelt Disord 17 (2016)400

+Desmeules,J.A.

Kayser,V., Weil-Fugazza,J., Bertrand,A., Guilbaud,G.

Influence of the sympathetic nervous system in the development of abnormal pain-related behaviours in a rat model of neuropathic pain

Neurosci 67 (1995)941 – 51

+Desmoulin,G.T.

Reno,C.R., Hunter,C.J.

Free axial vibrations at 0 to 200 Hz positively affect extracellular matrix messenger ribonucleic acid expression in bovine nucleus pulposi

Spine 35 (2010)1437 - 44

+Desmoulin,G.T.

Yasin,N.E., Chen,D.W.

Spinal mechanisms of pain control

Clin J Pain 23 (2007)576 – 85

- +de Souza Guimaraes,L.  
da Cunha Menezes Costa,L., Costa Araujo,A.,  
Nascimento,D.P., Medeiros,F.C., Avanzi,M.A., Pinto Leal-  
Junior,E.C., Pena Costa,L.O., Tomazoni,S.S.
- Photobiomodulation therapie is not better than placebo in  
patients with chronic nonspecific low back pain: a  
randomized placebo-controlled trial
- Pain 162 (2021)1612 – 20  
[doi.org/10.1097/j.pain.0000000000002189](https://doi.org/10.1097/j.pain.0000000000002189)
- +Dessem,D.  
Ambalvanar,R., Evancho,M., Moutanni,A., Yallampalli,C.,  
Bai,G.
- Eccentric muscle contraction and stretching evoke  
mechanical hyperalgesia and modulate CRGP and P2X3  
expression in a functionally relevant manner
- Pain 149 (2010)284 - 95
- Detillion,C.F.  
Craft,T.K.S., Glasper,E.R., Prendergast,B.J., de Vries,A.C.
- Social facilitation of wound healing
- Psychoneuroendocrinology 29 (2004)1004 – 11
- +Detke,M.J.  
Lu,Y, Goldstein,D.J., Hayes,J.R., Demitack,M.A.Duloxetine, 60  
mg once daily, for major depressive disorder: a randomized  
double-blind placebo-controlled trial
- J Clin Psychiatry 63 (2002)308 – 15
- +Detke,M.J.  
Lu,Y, Goldstein,D.J., McNamara,R.K., Demitack,M.A.
- Duloxetine, 60 mg once daily dosing versus placebo in the  
acute treatment of major depressive disorder
- J Psychiatr Res 36 (2002)383 – 90
- +de Tommaso,M.  
Fiore, P., Camporeale,A., Guido,M., Libro,G., Losito,L.,  
Megna,M., Puca,F., Megna,G.
- High and low frequency transcutaneous electrical nerve  
stimulation inhibits nociceptive responses induced by CO2  
laser stimulations in humans
- Neurosci Lett 342 (2003)17 – 20
- Deuta,M. et al.  
Influence of macrophage infiltration of herniated disc tissue  
on the production of matrix metalloproteinases leading to  
disc resorption
- Spine 26 (2001)1522 -7 (zit. Autio et al., 2006)
- Deutscher Schmerzfragebogen  
Handbuch, DGSS, 2007,

[www.dgss.org](http://www.dgss.org)

+Devereaux,M.W.

Low back pain

Prim Care Office Pract 31 (2004)33 – 51

+de Vet, H.C.W.

Terwee,C.B., Bouter,L.M.

Current challenges in clinimetrics

J Clin Epidemiol 56 (2003)1137 – 41

+de Vet,H.C.W.

Heymans,M., Dunn,K., Pope,D.P., van der Beek,A.J., Macfarlane,G.J., Bouter,L.M., Croft,P.R.

Episodes of low back pain: a proposal for uniform definitions to be used in research

Spine 27 ( 2002)2409 – 16

+Deville,W.L.J.M.

van der Windt,D.A.W.M., Dzaferagic,A., Bezemer,P.D., Bouter,L.M.

The test of Lasegue: systematic review of the accuracy in diagnosing herniated disc

Spine 25 (2000)1140 – 7

+de Villiers,P.D.

Booysen,E.L.

Fibrous spinal stenosis. A report on 850 myelograms with a water-soluble contrast medium

Clin Orthop Relat Res 115 (1976)140 – 4

+Devilly,G.J.

Borkovec,T.D.

Psychometric properties of the credibility/expectancy questionnaire

J Behav Ther Exp Psychiatry 31 (2000)71 – 86

-de Vivo,L.

Landi,S., Panniello,M., Baroncelli,L., Chierzi,S., Mariotti,L., Spolidoro,M., Pizzorusso,T., Maffei,L., Ratto,G.M.

Extracellular matrix inhibits structural and functional plasticity of dendritic spines in the adult visual cortex

Nat Commun 4 (2013)1484 (zit. Tajerian & Clark, 2015)

+de Vleger,P.

Crombez,G., Eccleston,C.

Worrying about chronic pain. An examination of worry and problem solving in adults who identify as chronic pain sufferers

- Pain 120 (2006)138 – 44  
de Vlieger,P.  
van den Bussche,E., Eccleston,C., Crombez,G.  
Finding a solution to the problem of pain: conceptual formulation and the development of the pain solution questionnaire (PaSol)  
Pain 123 (2006)285 – 93 (zit. van Damme et al., 2008)
- +Devor,M.  
Sodium channels and mechanisms of neuropathic pain  
J Pain 7 (2006)Suppl. 3- 12
- +Devor,M.  
Nociception in Kyoto  
Pain 140 (2008)519 - 20
- Devor,M.  
Jähnig,W.  
Activation of myelinated afferent ending in a neuromas by stimulation of sympathetic supply in the rat  
Neurosci Lett 24 (1981)43 – 7
- +Devor,M.  
Tal.,M.  
What causes low back pain  
Pain 142 (2009)11 – 2
- (+)de Vos,C.C.  
Born, M.J.Vanneste,S., Lenders,M.W., de Ridder,D.  
Burst spinal cord stimulation evaluated in patients with failed spinal cord surgery syndrome and painful diabetic neuropathy  
Neuromodulation 17 (2014)152 – 9 (Internetzgriff 14.7.17)
- De Wald,R.L.  
Faut,M.M., Taddonio,R.F. et al.  
Severe lumbosacral spondylolisthesis in adolescents and children: reduction and staged circumferential fusion  
J Bone Joint Surg Am 63 (1981)619 – 26 (zit. Transfeldt & Mehbod, 2007)
- +Dewing,C.B.  
Provencher,M.T., Riffenburgh,R.H., Kerr,S., Manos,R.E.  
The outcomes of lumbar microdiscectomy in a young, active population  
Spine 33 (2008)33 - 8

- +Dey,P.  
Simpson,C.W.R., Collins,S.I., Hodgson,G., Dowrick,C.F., Sinison,A.J.M., Rose,M.J.  
Implementation of RCGP guidelines for acute low back pain: a cluster randomized controlled trial  
*Br J Gen Pract* 54 (2004)33 – 37
- +Dey,P.K.  
Ray,A.K.  
Anterior cerebellum as a site for morphine analgesia and post stimulation analgesia  
*Indian J Physiol Pharmacol* 26 (1982)3 – 12
- +Deyo,R.A.  
Low-back pain  
*Sci Am* 279 (1998)28 - 33
- +Deyo,R.A.  
Treatments for back pain: can we go past trivial effects?  
*Ann Intern Med* 141 (2004)957 – 8
- +Deyo,R.A.  
Treatment of lumbar spinal stenosis: a balancing act (commentary)  
*Spine J* 10 (2010)625 - 7
- +Deyo,R.A.  
Commentary: Managing patients with back pain: putting money where our mouth are not  
*Spine J* 11 (2011)633 – 5
- +Deyo,R.A.  
Point of view. In response to spinal fusions in the United States: Analysis of trend from 1998 to 2008  
*Spine* 37 (2012)77
- (+)Deyo,R.A.  
The role of spinal manipulation in the treatment of low back pain  
*JAMA* 317 (2017)1418 – 9 (Internetzugriff 2.11.2017)
- +Deyo,R.A.  
Point of view: Commentary on „preoperative chronic opioid therapy: a risk factor for complications, readmission, continued opioid use and increased costs after one- and two-level posterior lumbar fusion  
*Spine* 43 (2018)1339
- +Deyo,R.A.  
Bass,J.E.  
Lifestyle and low back pain. The influence of smoking and obesity

- Spine 14 (1989)501 – 6
- Deyo,R.A. Battie,M., Beurskens,A.J. et al.  
Outcome measures for low back pain research. A proposal for  
standardized use
- Spine 23 (1998)2003 – 13
- +Deyo,R.A. Centor,R.M.  
Assessing the responsiveness of functional scales to clinical  
change: An analogy to diagnostic test performance
- J Chron Dis 39 (1986)897 - 906
- +Deyo,R.A. Cherkin,D., Conrad,D., Volinn,E.  
Cost, controversy, crisis: low back pain and the health oft the  
public
- Annu Rev Public Health 12 (1991)141 – 56 zit. Hoy et al.,  
2012)
- +Deyo,R.A. Diehl,A.K.  
Measuring physical and psychosocial function in patients with  
low back pain
- Spine 8 (1983)635 – 42
- +Deyo,R.A. Diehl, A.K.  
Patient satisfaction with medical care for low back pain
- Spine 11 (1986)28 – 30
- +Deyo,R.A. Dworkin, S.F., Amtmann,D., Andersson,G., Borenstein,D.,  
Carragee,E., Carrino,J., Chou,R., Cook,K., DeLitto,A., Goertz,C.,  
Khalsa,P., Loeser,J., Mackey,S., Panagis,J., Rainville,J.,  
Tosteson,T., Turk,D., von Korff,M., Weiner,D.K.  
Report of the NIH Task Force on research standards for  
chronic low back pain
- Spine 39 (2014)1128 - 43 und Clin J Pain 30 (2014)701 - 12
- +Deyo,R.A. Mirza,S.K., Martin,B.I., Kreuter,W., Goodman,D.C., Jarvik,J.G.  
Trends, major mdical complications, and charges associated  
with surgery for lumbar spinal scoliosis in older adults
- JAMA 303 (2009a)1259 – 65
- +Deyo,R.A. Mirza,S.K., Turner,J.A., Martin,B.I.

- Overtreating chronic back pain: time to back off?  
J Am Board Fam Med 22 (2009)62 - 8
- +Deyo,R.A.  
Mirza,S.K., Martin,B.I.  
Back pain prevalence and visit rate estimate from U.S. national surveys 2002  
Spine 31 (2006)2724 – 7
- Deyo,R.A.  
Patrik,D.L.  
The significance of treatment effects: the clinical perspective  
Med Care 33 (1995)AS286 – 91 (zit. Mesrian et al., 2007)
- +Deyo,R.A.  
Rainville,J., Kent,D.L.  
What can the history and physical examination tell us about low back pain  
JAMA 268 (1992)760 – 5
- +Deyo,R.A.  
Schall,M., Berwick,D.M., Nolan,T., Carver,P.  
Continuous quality improvements for patients with back pain  
J Gen Intern Med. 15 (2000)647 – 55
- +Deyo,R.A.  
Smith,D.H.M., Johnson,E.S., Tillotson,C.J., Donovan,M., Yang,X., Petrik,A., Morasco,B.J., Dobscha,S.K.  
Prescription opioids for back pain and use of medications for erectile dysfunction  
Spine 38 (2013)909 - 13
- +Deyo,R.A.  
Tsui-Wu,Y.J.  
Descriptive epidemiology of low back pain and its related medical care in the United States  
Spine 12 (1987)264 – 8
- +Deyo,R.A.  
Walsh,N.E., Martin,D.C., Schoenfeld,L.S., Ramamurthy,S.  
A controlled trial of transcutaneous electrical nerve stimulation (TENS) and exercise for low back pain  
N Engl J Med 322 (1990)1627 – 34
- +Deyo,R.A.  
Weinstein,J.  
Low back pain

	N Engl J Med 344 (2001)363 – 70
+Deyo,R.A.	Yuh-Jane,T.  Descriptive epidemiology of low back pain and its related medical care in the United States
	Spine 12 (1987)264 – 8 (zit. Murthy et al., 2015)
Dewey,J.	Erfahrung, Erkenntnis und Wert  Suhrkamp, 2004 (zit. Franke, 2006)
+DGMM	Standpunkt der Deutschen Gesellschaft für Manuelle Medizin zur Definition „Manuelle Medizin“. Präsidiumsbeschluss vom 4. März 2006  <a href="http://www.dgmm.de/manu.htm">http://www.dgmm.de/manu.htm</a>
+DGOOC	Leitlinien der Deutschen Gesellschaft für Orthopädie und Orthopädische Chirurgie (DGOOC) und des Bundesverbandes der Ärzte für Orthopädie (BVO): Rehabilitation bei Bandscheibenvorfall mit radikulärer Symptomatik und nach Bandscheibenoperation  AWMF-Leitlinienregister, Nr. 033/048, Entwicklungsstufe 1, erstellt 31.8.2005, HTML-Code aktualisiert 20.02.2006 <a href="http://www.heinrich-heine-universitaet.de/WWW/AWMF/II/033-048.htm">http://www.heinrich-heine-universitaet.de/WWW/AWMF/II/033-048.htm</a>
+DGPMR	Deutsche Gesellschaft für Physikalische Medizin und Rehabilitation: Leitlinie Chronisch unspezifischer Rückenschmerz  <a href="mailto:awmf@uni-duesseldorf.de">awmf@uni-duesseldorf.de</a>  Praxis-Depesche 13 / 1999: 12
DGOOC	Leitlinien der Deutschen Gesellschaft für Orthopädie und Orthopädische Chirurgie (DGOOC) und des Bundesverbandes der Ärzte für Orthopädie (BVO): Rehabilitation bei Bandscheibenvorfall mit radikulärer Symptomatik und nach Bandscheibenoperation  AWMF-Leitlinienregister, Nr. 033/048, Entwicklungsstufe 1, erstellt 31.8.2005, HTML-Code aktualisiert 20.02.2006 <a href="http://www.heinrich-heine-universitaet.de/WWW/AWMF/II/033-048.htm">http://www.heinrich-heine-universitaet.de/WWW/AWMF/II/033-048.htm</a>
DGPMR	Deutsche Gesellschaft für Physikalische Medizin und Rehabilitation: Leitlinie Chronisch unspezifischer Rückenschmerz  <a href="mailto:awmf@uni-duesseldorf.de">awmf@uni-duesseldorf.de</a>

- Praxis-Depesche 13 / 1999: 12
- DGS  
DGS (2008) siehe Überall et al., 2008a und b
- +Dhond,R.P.  
Yeh,C., Park,K., Kettner,N., Napadow,V.  
Acupuncture modulates resting state connectivity in default and sensorimotor brain networks  
Pain 136 (2008)407 – 18
- +D'hooge,R.  
Cagnie,B., Crombez,G.,Vanderstraeten,G., Achten,E., Danneels,L.  
Lumbar muscle dysfunction during remission of unilateral recurrent nonspecific low-back pain. Evaluation with functional MRI  
Clin J Pain 29 (2013)187 - 94
- +Diamond,S.  
Borenstein,D.  
Chronic low back pain in a working age adult  
Best Pract Res Clin Rheumatol 20 (2006)707 – 20
- +Dias,N.  
Kempen,G.L., Todd,C.J., Beyer,N., Freiberger,E., Piot-Ziegler,C., Yardley,L., Hauer,K.  
Die deutsche Version der Falls Efficacy Scale International Version (FES-I)  
Z Gerontol Geriat 34 (2006)297 – 300
- +Diatchenko,L.  
Anderson,A.D., Slade,G.D., Fillingim,R.B., Shabalina,S.A., Sama,S.,Higgins,T.J., Belfer,I., Goldman,D., Max,M.B., Weir,B.S., Maixner,W.  
Three major haplotypes of the ADRB2 adrenergic receptor define psychological profile, blood pressure, and the risk for development of a common musculoskeletal pain disorder  
Am J Med Genet B Neuropsychiatr Genet 141 (2006b) 449 - 62
- +Diatchenko,L.  
Nackley,A.G., Slade,G.D., Bhalang,K., Belfer,I., Max,M.B., Goldman,D., Maixner,W.  
Catechol-O-methyltransferase gene polymorphisms are associated with multiple pain-evoking stimuli  
Pain 125 (2006c)216 - 24
- +Diatchenko,L.  
Nackley,A.G., Slade,G.D., Fillingim,R.B., Maixner,W.

- Idiopathic pain disorders – pathway of vulnerability  
Pain 123 (2006a)226 – 30
- +Diatchenko,L.  
Slade,G.D., Nackley,A.G., Bhalang,K., Sigurdsson,A., Belfer,I., Goldman,D., Xu,K., Shabalina,S.A., Shagin,D., Max,M.B., Makarov,S.S., Maixner,W.  
Genetic basis for individual variations in pain perception and the development of a chronic pain condition  
Hum Mol Genet 14 (2005)135 – 43
- +Diaz-Ambas,M.J.  
Fernandez-Serrano,M., Royuela,A., Kovacs,F.M., Gallego-Izquierdo,T., Ramos-Sanchez,M., Llorca-Palomera,R., Pardo-Hervas,M., Martin-Pariente,O.S.  
Minimal clinically important difference in quality of life for patients with low back pain  
Spine 42 (2017)1908 - 16
- +Diaz-Ledezma,C.  
Urrutia,J., Romeo,J., Chelen,A., Gonzalez-Wilhelm,L., Lavarello,C.  
Factors associated with variability in length of sick leave because of acute low back pain in Chile  
Spine J 9 (2009)1010 – 5
- +Dibbelt,S.  
Greitemann,B., Buschel,C.  
Nachhaltigkeit orthopädischer Rehabilitation bei chronischen Rückenschmerzen – das integrierte orthopädisch – psychosomatische Behandlungskonzept (kopKo)  
Rehabilitation (Stuttgart) 45 (2006)324 – 35
- +Dib-Hajj,S.D.  
Commentary: Human pain in a dish: Native DRG neurons and differentiated pluripotent stemm cells  
Pain 155 (2014)1681 - 2
- +Dib-Hajj,S.D.  
Fjell,J., Cummins,T.R., Zheng,Z., Fried,K., la motte,R., Black,J.A., Waxman,S.,G.  
Plasticity of sodium channel expression in DRG neurons in the chronic constriction injury model of neuropathic pain  
Pain 83 (1999) 591 – 600
- +Dib-Hadjj,S.D.  
Geha,P., Waxman,S.G.  
Sodium channels in pain disorders: pathophysiology and prospects for treatment

- Pain 158 (2017)Suppl.1: 97 - 107  
+Dib-Hajj,S.D. Tyrrell,L., Black,J.A., Waxman,S.G.  
NaN, a novel voltage-gated Na channel, is expressed preferentially in peripheral sensory neurons and downregulated after axotomy  
Proc Natl Acad Sci USA 95 (1998)8963 – 8
- +Dib-Hajj,S.D. Waxman,S.D.  
Diversity of composition and function of sodium channels in peripheral sensory neurons  
Pain 156 (2015)2406 – 7
- Dib-Hadjj,S.D. Yang,Y., Black,J.A., Waxman,S.G.  
The Na<sub>v</sub>1.7 sodium channel: from molecule to man  
Nat Rev Neurosci 14 (2013)49 - 62
- +di Cesare Menelli,L. Cinci,L., Micheli,L., Zanardelli,M., Pacini,A., McIntosh,J.M : Ghelardini,C.  
Alpha-Conotoxin Rg1A protects against the development of nerve injury-induced chronic pain and prevents both neuronal and glial derangement  
Pain 155 (2014)1986 - 95
- +Dickens,C. Jayson,M., Sutton,C., Creed,F.  
The relationship between pain and depression in a trial using paroxetine in sufferers of chronic low back pain  
Psychosomatics 41 (2000)490 – 9
- +Dickens,C. McGowan,I., Dale,S.  
Impact of depression on experimental pain perception: a systematic review of the literature with meta-analysis  
Psychosom Med 65 (2003)369 – 75
- +Dickenson,A.H. Baron,R.  
Descending controls: Insurance against pain? (commentary)  
Pain 152 (2011)2677 - 8
- Dickenson,A.H. Kiefer,B.  
Opiates: basic mechanisms

In: McMahon,S.B., Koltzenburg,M. (eds.) Wall and Melzacks textbook of pain, 5th edn., Elsevier Churchill Livingstone, Amsterdam 2006, pp 427 - 42

+Dickenson,A.H.

Sullivan,A.F.

Evidence for a role of the NMDA receptor in the frequency dependent potentiation of deep rat dorsal horn nociceptive neurones following C fiber stimulation

Neuropharmacol 26 (1987) 1235 – 8

+Dickey,J.P.

Pierrynowski,M.R., Bednar,D.A., Yang,S.X.

Relationship between pain and vertebral motion in chronic low back pain subjects

Clin Biomech (Bristol, Avon) 17 (2002)345 – 52

+Dickie,A.C.

Bell,A.M., Iwagaki,N., Polgar,E., Gutierrez-Mecinas,M., Kelly,R., Lyon,H., Turnbull,K. und weitere 8 Autoren

Morphological and functional properties distinguish the substance P and gastrin-releasing peptide subsets of excitatory interneuron in the spinal cord

Pain 160 (2019)442 - 62

+Dickinson,T.

Mitchell,R., Robberecht,P., Fleetwood-Walker,S.M.

The role of VIP/CAPAP receptor subtypes in spinal somatosensory processing in rats with an experimental peripheral neuropathy

Neuropharmacology 38 (1999)167 – 80

+Dickman,C.A.

Point of view

Spine 39 (2014)1029

Diehm,L.

Die Fußfiebel

Limpert, Bad Homburg, 1979

+Diemer,W.

Burchert,H.

Chronische Schmerzen: Kopf- und Rückenschmerzen, Tumorschmerzen

Gesundheitsberichterstattung des Bundes, Berlin, 2003, Heft 7

Diener,H.C.

Schmerzbegriff

- In: Diener,H.C., Meister,C.H. (Hrsg.): Das Schmerztherapiebuch. München, Urban & Schwarzenberg, 1997 (zit. Casser, 2008)
- +Diener,H.C.  
Diese Komorbiditäten können die Kopfschmerztherapie stören  
MMW Fortschr Med 164 (2022)6: 24 - 5
- +Diepenmaat,A.C.  
van der Waal,M.F., de Vet,H.C., Hierasing,R.A.  
Neck/Shoulder, low back, and arm pain in relation to computer use, physical activity, stress, and depression among Dutch adolescents  
Pediatrics 117 (2006)412 – 16
- +Dieppe,P.A.  
Lohmander,L.S.  
Pathogenesis and management of pain in osteoarthritis  
Lancet 365 (2005)965 – 73
- +Diers,M.  
Löffler,A., Ziegelmüller,W., Trojan,J.  
Watching your pain site reduces pain intensity in chronic back pain patients  
Eur J Pain 20 (2016)581 – 5 (Internetzugriff 20.12.2016)
- Dietz,V.  
Human neuronal control of automatic functional movements: interaction between central programs and afferent input  
Physiol Rev 72 (1992)33 – 69 (zit. Corbeil et al., 2004)
- +Dijkers,M.P.J.M.  
Kropp,G.C., Esper,R.M., Yavanuzer,G., Cullen,N., Bakdalieh,Y.  
Reporting on reliability and validity of outcome measures in medical rehabilitation research  
Disabil Rehabil 24 (2002)819 – 27
- +Dijkstra,A.  
The validity of the stages of change model in the adoption of the self-management approach in chronic pain  
Clin J Pain 21 (2005)18 – 26
- +Dillmann,U.  
Nilges,P., Saile,H., Gerbershagen,H.U.  
Behinderungseinschätzung bei chronischen Schmerzpatienten  
Schmerz 8 (1994)100 – 10

- +Dima,A. Lewith,G.T., Little,P.,Moss-Morris,R., Foster,N.E., Hankins,M., Sutees,G., Bishop,F.L.  
Patients' treatment beliefs in low back pain: development and validation of a questionnaire in primary care  
*Pain* 156 (2015)1489 - 1500
- +Dimar II,J.R. Glassman,S.D., Carreon,L.Y.  
Juvenile degenerated disc disease: a report of 76 cases identified by magnetic resonance imaging  
*Spine J* 7 (2007)332 – 7
- +di Marzo,V. Inhibitors of endocannabinoid breakdown for pain: Not so FA(AH)cile, after all. (Commentary)  
*Pain* 153 (2012)1785 - 6
- +Dina,O.A. Khasar,S.G., Gear,R.W., Lewine,J.D.  
Activation of Gi induces mechanical hyperalgesia poststress or inflammation  
*Neurosci* 160 (2009)501 – 7
- +Dinarello,C.A. Interleukin-1 and interleukin-1 antagonism  
*Blood* 77 (1991)1627 – 52
- Dinarello,C.M. Proinflammatory and anti-inflammatory cytokines  
*Rheumatiod Arthritis* 1999 (so zit. Becker et al., 2007)
- +Dinarello,C.A. Wolff,S.M.  
The role of interleukin-1 in disease  
*N Engl J Med* 328 (1993)106 – 13
- +Dini,L. Abbro,L.  
Bioeffects of moderate-intensity static magnetic fields on cell cultures  
*Micron* 36 (2005)195 - 217
- +Dinter,W. Thakkar,S., Ullrich,H., Busch,M.  
Klinische Prüfung der Neuraltherapie nach Hunecke.  
Pilotstudie mit kontrolliertem Studiendesign bei Patienten mit chronischen Rückenschmerzen  
*Z Allg Med* 75 (1999)823 - 8

- +Diochot,S  
Alloui,A., Rodrigues,P., Dauvois,M., Friend,V., Aissouni,Y., Eschalier,A., Lingueglia,E., Baron,A.  
Analgesic effects of mambalgin peptide inhibitors of acid-sensing ion channels in inflammatory and neuropathic pain  
*Pain* 157 (2016)552 - 9
- Dionne,C.E.  
Low back pain  
In: Crombie,I.K., Croft,P.R., Linton, S.J., Leresche,L., von Korff,M. eds. Epidemiology of pain. IASP Press, 1999 (zit. Macfarlane et al., 2006)
- +Dionne,C.E.  
A standard measure of persistent bodily pain that is quick and easy to use, valid and stable over time (commentary)  
*Pain* 153 (2012)1338 - 9
- +Dionne,C.E.  
Bourbonnais,R., Fremont,P., Rossignol,M., Stock,S.R., Larocque,I.  
A comparison of pain, functional limitations and work status indices as outcome measures in back pain research *Spine* 24 (1999)2339 – 45
- +Dionne,C.E.  
Dunn,K.M., Croft,P.R.  
Does back pain prevalence really decrease with increasing age? A systemic review  
*Age Ageing* 35 (2006)229 – 34
- +Dionne,C.E.  
Dunn,K.M., Croft,P.R., Nachemson,A.L., Buchbinder,R., Walker,B.E., Wyatt,M., Cassidy,J.D., Rossignol,M., Leboeuf-Yde,C., Hartvigsen,J., Leino-Arjas,P., Latza,U., Reis,S., Gil de Real,M.T., Kovacs,F.M., Öberg,B., Cedraschi,C., Bouter,L.M., Koes,B.W., Picavet,S.J., van Tulder,M.W., Burton,K., Foster,N.E., Macfarlane,G.J., Thomas,E., Underwood,M., Waddell,G., Shekelle,P., Volinn,E., von Korff,M.  
A consensus approach toward the standardisation of back pain definitions for use in prevalence studies  
*Spine* 33 (2008)95 - 103
- +Dionne,C.E.  
Le Sage,N., Franche,R.-L., Dorval,M., Bombardier,C., Deyo,R.A.  
Five questions predicted long-term, severe, back-related functional limitations evidence from three large prospective studies  
*J Clin Epidemiol* 64 (2011) 54 – 66

- +Dionne,C.E. Koepsell,T.D., von Korff,M., Deyo,R.A., Barlow,W.E., , Checkoway,H.  
Predicting long-term functional limitations among back pain patients in primary care settings  
*J Clin Epidemiol* 50 (1997)31 – 43
- +Dionne,C.E. von Korff,M., Koepsell,T.D., Deyo,R.A., Barlow,W.E., Checkoway,H.  
Formal education and back pain: a review  
*J Epidemiol Community Health* 55 (2001)455 -68
- +Dionne,C.E. von Korff,M., Koepsell,T.D., Deyo,R.A., Barlow,W.E., Checkoway,H.  
A comparison of pain, functional limitations, and work status indices as outcome measures in back pain research  
*Spine* 24 (1999)2339 - 45
- Dionne,C.E. et al. A clinical return-to-work rule for patients with back pain  
*CMAJ* 172 (2005)1559 – 67 (so zit. Atlas et al., 2006)
- +Di Iorio,D. Henley,E., Doughty,A.,  
A survey of primary care physician practice patterns and adherence to acute low back problem guidelines  
*Arch Fam Med* 9 (2000)1015 – 21 (elektr. Kopie)
- +Dishman,J.D. Ball,K.D., Burke,J.  
Central motor excitability changes after spinal manipulation: a transcranial magnetic stimulation study  
*J Manipulative Physiol Ther* 25 (2002)1 – 9
- (+)Dishman,J.D. Burke,J.R., Dougherty,P.  
Motor neuron excitability attenuation as a sequel to lumbosacral manipulation in subacute low back pain patients and asymptomatic adults: a cross-sectional H-reflex study  
*J Manipulative Physiol Ther* 41 (2018) 363 - 71  
[doi.org/10.1016/j.jmpt.2017.10.015](https://doi.org/10.1016/j.jmpt.2017.10.015)
- +Dishman,J.D. Greco,D.S., Burke, J.R.  
Motor-evoked potentials recorded from lumbar erector spinae muscles: a study of cortico-spinal excitability changes associated with spinal manipulation

- J Manipulative Physiol Ther 31 (2008)258 – 70  
+Dissing,K.B. Hartvigsen,J., Wedderkopp,N., Hestbaek,L.  
Conservative care with or without manipulative therapy in the management of back and/or neck pain in danish children aged 9 – 15: a randomized controlled trial nested in a school-based cohort  
BMJ Open 8 (2018) e021358; doi10.1136/bmjopen-2017-021358
- +Dissing,K.B. Vach,W., Hartvigsen,J., Wedderkopp,N., Hestbaek,L.  
Potential treatment effect modifiers for manipulative therapy for children complaining of spinal pain. Secondary analyses of a randomised controlled trial  
Chiropr Man Ther 27 (2019)59 doi.org/10.1186/s12998-019-0282-7
- +Ditre,J.W. Gonzales,B.D., Simmons,V.N., Faul,L.A., Brandon,T.H., Jacobsen,P.B.  
Associations between pain and current smoking status among cancer patients  
Pain 152 (2011)60 - 5
- +Ditre,J.W. Heckman,B.W., Zale,E.L., Kosiba,J.D., Maisto,S.A.  
Acute analgesic effects of nicotine and tobacco in humans: a meta-analysis  
Pain 157 (2016)1373 - 81
- +Dittmer,D.K. Teasell,R.  
Complications of immobilisation and bed rest. Part I: Musculoskeletal and cardiovascular complications  
Can Fam Physician 39 (1993)1428 – 7
- +Dittrich,R.J Lumbodorsal fascia and related structures as factors in disability  
Lancet 83 (1963)393 – 8
- +Di Virgilio,F. Sanz,J.M., Chiozzi,P., Falzoni,S.  
The P2Z/P2X7 receptor of microglial cells: a novel immunomodulatory receptor  
Prog Brain Res 120 (1999)355 – 68

- +Djordjevic,O.  
Konstantinovic,L., Miljkovic,N., Bijelic,G.  
Relationship between electromyographic signal amplitude and thickness change of the trunk muscles in patients with and without low back pain  
*Clin J Pain* 31 (2015)893 - 902
- +Djouhri,L.  
Fang,X., Koutsikou,S., Lawson,S.N.  
Partial nerve injury induces electrophysiological changes in conducting (uninjured) nociceptive and nonnociceptive DRG neurons: Possible relationships to aspects of peripheral neuropathic pain and paresthesias  
*Pain* 153 (2012)1824 - 36
- +Djouhri,L.  
Fang,X., Okuse,K., Wood,J.N., Berry,C.M., Lawson,S.N.  
The TTX-resistant sodium channel Nav1.8 (SNS/PN3): expression and correlation with membrane properties in rat nociceptive primary afferent neurons  
*J Physiol* 550 (2003)739 – 52
- +D'Mello,R.  
Sand,C.A., Pezet,S., Leiper,J.M., Gaurilcikaite,E., McMahon,S.B., Dickenson,A.H., Nandi,M.  
Dimethylarginine dimethylaminohydrolase 1 is involved in spinal nociceptive plasticity  
*Pain* 156 (2015)2052 - 60
- Dobrogowski,J.  
Wrosek,A., Wordliczek,J.  
Radiofrequency denervation with and without addition of pentoxyfylline or methylprednisolone for chronic lumbar zygapophyseal joint pain  
*Pharmacol Rep* 57 (2005)475 – 80 (zit. Smuck et al., 2012)
- +Dobscha,S.K.  
Morasco,B.J., Duckart,J.P., Macey,T., Deyo,R.A.  
Correlates of prescription opioid initiation and long-term opioid use in veterans with persistent pain  
*Clin J Pain* 29 (2013)102 - 8
- +do Carmo Silva Perreira,P.  
Maher,C.G., Latimer,J., Steffens,D., Blyth,F., Li,Q., Ferreira,M.L.  
Can patients identify what triggers their back pain?  
Secondary analysis of a case-crossover study  
*Pain* 156 (2015)1913 - 6

+Docherty,R.J. Ginsberg,L., Jadoon,J., Orrell,R.W., Bhattcharjee,A.  
TRPA1 insensitivity of human sural nerve axons after exposure to lidocaine  
Pain 154 (2013)1569 - 72

+R.E. Fleming,J., Brayne,C., Zhao,J., Macfarlane,G.J., Jones,G.T.  
Epidemiology of back pain in older adults : prevalence and risk factors for back pain onset  
Rheumatology (Oxford) 50 (2011)1645 – 53

--Docking,R.E. et al. The relationship between back pain and mortality in older adults varies with disability and gender  
Eur J Pain 19 (2015)466 – 72 (Pr-dep 12/15) – nur noch online-

DOD/VA The DOD/VA Low Back Pain Working Group. Low back pain or sciatica in the primary care setting. Washington, DC, Department of Veteran Affairs, Veterans Health Administration Office of Quality and Performance, 1999; [http://www.oqp.med.va.gov/cpg/LBP/LBP\\_base.htm](http://www.oqp.med.va.gov/cpg/LBP/LBP_base.htm) (zit. Feuerstein et al., 2006)

+Doege,K.J. Coulter,S.N., Meek,L.M., Maslen,K., Wood,J.G.  
A human-specific polymorphism in the coding region of the aggrecan gene. Variable number of tandem repeats produce a range of core protein sizes in the general population  
J Biol Chem 272 (1997)13974 – 9

+Doehring,A. Freynhagen,R., Griessinger,N., Zimmermann,M., Sittl,R., von Hentig,N., Geisslinger,G., Lötsch,J.  
Cross-sectional assessment of the consequences of a GTP cyclohydrolase 1 haplotype for specialized tertiary outpatient pain care  
Clin J Pain 25 (2009)781 – 5

+Doehring,A. Oertel,B.G., Sittl,R., Lötsch,J.  
Chronic opioid use is associated with increased DNA methylation correlating with increase clinical pain  
Pain 154 (2013)15 - 23

+Dogan,S.K. Sonel,T.B., Kurtais,Y., Atay,M.B.  
Comparison of three different approaches in the treatment of chronic low back pain

- Clin Rheumatol 27 (2008)873 – 81  
+Dogru,A.  
Gardell,I.R., Ossipov, M.H., Tulunay,F.C., Lai,J., Porreca,F.  
Reversal of experimental neuropathic pain by T-typ calcium channel blockers.
- Pain 105 (2003)159 – 68  
+Doi-Saika,M.  
Tokunaga,A., Senba,E.  
Intradermal 5-HT induces fos expression in rat dorsal horn neurons not via 5-HT3 but via 5-HT(2A) receptors
- Neurosci Res 29 (1997)143 – 9  
+Doita,M.  
Kanatani,T., Ozaki,T., Matsui,N., Kurosaka,M., Yoshiya,S.  
Influence of macrophage infiltration of herniated disc tissue on the production of matrix metalloproteinases leading to disc resorption
- Spine 26 (2001)1522 – 7  
+Dolan,P.  
Adams,M.  
Influence of lumbar and hip mobility on the bending stresses acting on the lumbar spine
- Clin Biomech 8 (1993)185 – 92  
+Dolan,P.  
Adams,M.  
Repetitive lifting tasks fatigue the back muscles and increase the bending moment acting on the lumbar spine
- J Biomech 31 (1998)713 – 21  
+Dolan,P.  
Adams,M.A., Hutton,W.C.  
Commonly adopted postures and their effect on the lumbar spine
- Spine 13 (1988)197 – 201  
+Dolan,P.  
Luo,J., Pollintine,P., Landham,P.R., Stefanakis,M., Adams,M.A.  
Intervertebral disc decompression following endplate damage
- Spine 38 (2013)1473 - 81  
+Dolique,T.  
Favereaux,A., Roca-Lapirot,O., Roques;V., Leger,C., Landry,M., Nagy,F.

- Unexpected association of the “inhibitory” neuroligin 2 with excitatory PSD95 in neuropathic pain  
Pain 154 (2013)2529 - 46  
+Domenech,J.  
Sanchez-Zuriaga,D., Segura-Orti,E., Espejo-Tort,B., Lison,J.F.
- Impact of biomechanical and biopsychosocial training sessions on the attitudes, beliefs and recommendations of health care providers about low back pain: A randomized clinical trial  
Pain 152 (2011)2557 - 63  
+Dominguez,C.A.  
Kalliomäki,M., Gunnarsson,U., Moen,A., Sandblohm,G., Kockum,I., Lawant,E., Olsson,T. und weitere 6 Autoren
- The DQB1\*03:02 HLA haplotype is associated with increased risk of chronic pain after inguinal hernia surgery and lumbar disc herniation  
Pain 154 (2013)427 - 33  
+Dominguez,C.A.  
Lidman,O., Hao,J-X., Diez,M., Tuncel,J., Olsson,T., Wiesenfeld-Hallin,Z., Piehl,F., Xu,X.J.
- Genetic analysis of neuropathic pain-like behavior following peripheral nerve injury suggests a role of the major histocompatibility complex in development of allodynia  
Pain 136 (2008)313 - 9  
+Dominick,C.H.  
Blyth,F.M., Nicholas,M.K.
- Unpacking the burden: Understanding the relationships between chronic pain and comorbidity in the general population  
Pain 153 (2012)293 - 304  
+Donahue,M.S.  
Riddle,D.L., Sullivan, M.S.,
- Intertester reliability of a modified version of McKenzies lateral shift assessments obtained on patients with low back pain  
Phys Ther 76 (1996)706 – 16, discussion 717 – 26  
+Donaldson,B.L.  
Shipton,E.A., Inglis,G., Rivett,D., Frampton,C.
- Comparison of usual surgical advice versus a nonaggravating six-month gym-based exercise rehabilitation program post-lumbar discectomy: results of one-year follow-up  
Spine J 6 (2006)357 – 63

- +Donchin,M. Woolf,O., Kaplan,L., Floman,Y.  
Secondary prevention of low back pain. A clinical trial  
Spine 15 (1990)1317 – 20
- +Donelson,R. Aprill,C., Medcalf,R., Grant,W.  
A prospective study of centralisation of lumbar and referred pain: a predictor of symptomatic discs and anular competence  
Spine 22 (1997)1115 – 22
- +Donelson,R. McIntosh,G., Hall,H.  
Is it time to rethink the typical course of low back pain?  
Phys Med Rehabil 4 (2012a)394 – 401
- +Donelson,R.G. Gherscovici,E., Mednik,G.  
Can large cervical and lumbar disc herniations producing radiculopathies be intentionally and rapidly improved?  
Proceedings of the 27<sup>th</sup> annual meeting of the North American Spine Society, Dallas, Texas, October 24 – 27, 2012  
Spine J 12 (2012)Suppl.9:102
- +Dong,D.M. Yao,M.; Liu,B., Sun,C.Y., Jiang,Y.Q., Wang,Y.S.  
Association between the -1306C/T polymorphism of matrix-metalloproteinase-2 gene and lumbar disc disease in Chinese young adults  
Eur Spine J 16 (2007)1958 – 61
- +Dong,X.D. Svensson,P., Cairns,B.E.  
The analgesic action of topical diclofenac may be mediated through peripheral NMDA receptor antagonism  
Pain 147 (2009)36 - 45
- (-)Dong,Y. Wu,W., Zheng,J., Chen,S., Qiao,J., Wang,X.  
Whole body vibration exercise for chronic musculoskeletal pain: A systematic review and meta-analysis od randomized controlled trials  
Arch Phys Med Rehab (2019) in press  
[doi.org/10.1016/j.apmr.2019.03.011](https://doi.org/10.1016/j.apmr.2019.03.011)
- +Dong,Z.Q. Ma,F., Xie,H., Wang,X.Y., Wu,C.C.

- Changes in expression of glial cellline-derived neurotrophic factor and ist receptor in dorsal root ganglions and spinal dorsal horn during electroacupuncture treatment in neuropathic pain rats  
Neurosci Lett 376 (2005)143 – 8
- +Donisch,E.W.  
Basmajian,J.V.  
Electromyography of deep back muscles in man  
Am J Anat 133 (1972)25 – 36
- +Donzelli,S.  
di Domenica,E., Cova,A.M., Galletti,R., Giunta,N.,  
Two different techniques in the rehabilitation treatment of low back pain: a randomized controlled trial  
Eura Medicophys 42 (2006)205 – 10
- +Doran,D.M.  
Newell,D.J.  
Manipulation in treatment of low back pain: a multi-center study  
BMJ (1975)2: 161 – 4
- Doran,F.S.  
Ratcliffe,A.H.  
The physiological mechanism of referred shoulder-tip pain  
Brain 77 (1954)427 – 34 (zit. Graven-Nielsen, 2006)
- +Dorandeu,F.  
Antier,D., Pernot-Marino,I., Lapeyre,P., Lallement,G.  
Venom phospholipase A2-induced impairment of glutamate uptake: an indirect and nonselective effect related to phospholipid hydrolysis  
J Neurosci Res 51 (1998)349 – 59
- +Doshi,T.L.  
Tesarz,J., Cohen,S.P.  
Nerve growth factor inhibitors for low back pain: balancing the risks and benefits  
Pain 161 (2020)1941 - 2
- +Dos Reis-Neto,E.T.  
Ferraz,M.B., Kowalski,S.C., Pinheiro,G.d.R.C., Sato,E.I.  
Prevalence of musculoskeletal symptoms in the five urabn regions of Brazil – the Brazilian COPCORD study (BRAZCO)  
Clin Rheumatol 35 (2016)1217 - 23

- Dostrovsky,J.O. Craig,A.D.  
Cooling-specific spinothalamic neurons in the monkey  
*J Neurophysiol* 76 (1996)3656 – 65 (zit. Treede & Lenz, 2006)
- +Dott,G.A. Hart,C.L., McKay,C.  
Predictability of sacral base levelness based on iliac crest measurements  
*J Am Osteopath Assoc* 94 (1994)383 – 90
- +Douma,N.B. Cote,C., Lacasse,A.  
Quebec serve and protect low back pain study. A web-based cross-sectional investigation of prevalence and functional impact among police officers  
*Spine* 42 (2017)1485 - 93
- +Douma,N.B. Cote,C., Lacasse,A.  
Occupational and ergonomic factors associated with low back pain among car-patrol police officers. Findings from the Quebec Serve and Protect Low Back Pain Study  
*Clin J Pain* 34 (2018)960 - 6
- +Dowd,E.T. Cognition and the cognitive revolution in psychotherapy: promises and advances  
*J Clin Psychol* 60 (2004) 415 – 28
- +Downar,J. Crawley,A.P., Mikulis,D.J., Davis,K.D.  
A cortical network sensitive to stimulus salience in a neutral behavioral context across multiple sensory modalities  
*J Neurophysiol* 87 (2002)615 – 20
- +Downar,J. Mikulis,D.J., Davis,K.D.  
Neural correlates of the prolonged salience of painful stimulation  
*Neuroimage* 20 (2003)1540 – 51
- +Downey,B.J. Taylor,N.F., Niere,K.R.  
Manipulative physiotherapists can reliably palpate nominated lumbar spinal levels  
*Manual Ther* 4 (1999)151 – 6

- +Downie,A.S. Hancock,M.J., Rzewuska,M., Williams,C.M., Lin,C.W.C., Maher,C.G.  
Trajectories of acute low back pain: a latent class growth analysis  
*Pain* 157 (2016)225 - 34
- (-) Downie,A. Williams,C.M., Henschke,N. et al.  
Red flags to screen for malignancy and fracture in patients with low back pain: systematic review  
*BMJ* 347 (2013)17095 (so zit. Casser et al., 2016)
- +Doyle,A.J. Merrilees,M.  
Synovial cysts of the lumbar facet joints in a symptomatic population: prevalence on magnetic resonance imaging  
*Spine* 29 (2004)874 – 8 -
- +Doyle,C.A. Hunt,S.P.  
A role for spinal lamina I neurokinin-1-positive neurons in cold thermoreception in the rat  
*Neurosci* 91 (1999)723 – 32
- +Dozois,D.J. Dobson,K.S., Wong,M., Hughes,D., Long,A.  
Factors associated with rehabilitation outcome in patients with low back pain (LBP): prediction of employment outcome at 9-month follow-up  
*Rehabil Psychol* 40 (1995)243 – 59
- +Dräger,D. Kreutz,R., Wenzel,A., Schneider,J., Budnick,A.  
Ältere Pflegebedürftige mit chronischen Schmerzen. Querschnittsstudie zur geschlechterspezifischen Schmerzintensität und Versorgung in der großstädtischen Häuslichkeit  
*Schmerz* 35 (2021)322 – 32 doi.org/10.1007/s00482-021-00538-5
- +Drake,R.E. Bond,G.R.  
Supported employment: 1998 to 2008  
*Psychiatr Rehabil J* 31 (2008)274 – 6
- (-)Drapeaux,A. Hurdelbrink,J.

The effects of muscle energy on low back pain: a 3D analysis of running biomechanics

Int J Kinesiol Sports Sci 9 (2021)1

doi.org/10.7575/aiac.ijkss.v.9n.1p.51 (zit. Beyer, 2021a)

+Dregalla,R.C.

Uribe,Y., Bodor,M.

Human mesenchymal stem cells respond differentially to platelet preparations and synthesize hyaluronic acid in nucleus pulposus extracellular matrix

Spine J 20 (2020)1850 – 60

doi.org/10.1016/j.spinee.2020.06.011

+Dreiser,R.L.

LeParc,J.M., Velicat,P., Lieu,P.L.

Oral meloxicam is effective in acute sciatica: 2 randomized, double-blind trials versus placebo or diclofenac

Inflamm Res 50 (2001)517 – 23

+Dreiser,R.L.

Marty,M., Ionescu,E., Gold,M., Liu,J.H.

Relief of acute low back pain with diclofenac-K 12,5 mg tablets: a flexible dose, ibuprofen 200 and placebo controlled clinical trial

Int J Clin Pharmacol Ther 41 (2003)375 – 85

+Drel,V.R.

Pacher,P., Vareniuk,I., Pavlov,I., Ilnytska,O., Lysogubov,V.V., Tibrewala,J., Groves,J.T., Obrosova,I.G.

A peroxynitrite decompositon catalyst counteracts sensory neuropathy in streptozotocin-diabetic mice

Eur J Pharmacol 569 (2007)48 - 58

+Drerup,B.

Granitzka,M., Assheuer,J., Zerlett,G.

Assessment of disc injury in subjects exposed to long-term whole-body vibration

Eur Spine J 8 (1999)458 – 67

+Drews,E.

Zimmer,A.

Commentary: Central sensitization needs sigma receptors

Pain 145 (2009)269 - 70

-Dreyfuss,P.

Dreyer,S.L.

Lumbar zygapophyseal (facet) joint injections

- Spine J 3 (2003)Suppl.1: 50 – 9 (zit. Friedly et al., 2007)
- +Dreyfuss,P.  
Dreyer,S., Griffin,S., Hoffman,J., Walsh,N.  
Positive sacroiliac screening tests in asymptomatic adults  
Spine 19 (1994)1138 – 43
- Dreyfuss,P.  
Halbrook,B., Pauza,K., Joshi,A., McLarty,J., Bogduk,N.  
Efficacy and validity of radiofrequency neurotomy for chronic lumbar apophyseal joint pain  
Spine 25 (2000)1270 – 77 (zit. Smuck et al., 2012)
- +Dreyfuss,P.  
Henning,T., Malladi,N., Goldstein,B., Bogduk,N.  
The ability of multi-site, multi-depth sacral lateral branch blocks to anesthetize the sacroiliac joint complex  
Pain Med 10 (2009)679 – 88
- +Dreyfuss,P.  
Michaelsen,M., Pauza,K., McLarty,L.,Bogduk,N.  
The value of medical history and physical examination in diagnosing sacroiliac joint pain  
Spine 21 (1996)2594 – 602
- Dreyfuss,P.  
Snyder,B.D., Park,K., Willard,F., Carreiro,j., Bogduk,N.  
The ability of single site, single depth sacral lateral branch blocks to anesthetize the sacroiliac joint complex  
Pain Med 9 (2008)844 – 50 (zit. Palsson & Graven-Nielsen, 2012)
- +Driehuis,F.  
Hoogeboom,T.J., Nijhuis-van der Sanden,M.W.G., de Bie,R.A., Staal,J.B.  
Spinal manual therapy in infants, children and adolescents: a systematic review and meta-analysis on treatment indication, technique and outcomes  
Plos One 14 (2019)e0218940  
[doi.org/10.1371/journal.pone.0218940](https://doi.org/10.1371/journal.pone.0218940)
- +Driessens,B.  
Reimann,W.  
Interaction of the central analgesic, tramadol, with the uptake and release of 5-hydroxytryptamine in the rat brain in vitro  
Brit J Pharmacol 105 (1992)147 – 51

- +Driscoll,M.
- The *mec-4* gene is a member of a family of *Caenorhabditis elegans* genes that can mutate to induce neuronal degeneration
- Nature 349 (1991)588 – 93
- Drummond,P.D.
- Noradrenaline increases hyperalgesia to heat in skin sensitized in by capsaicin
- Pain 60 (1995)311 – 5 (zit. Schattschneider et al., 2007)
- +Drzal-Grabiec,J.
- Snela,S.
- Effect of high-heeled shoes on the parameters of body posture
- Spine 38 (2013)1785 - 9
- +Du,X.
- Han,H., Gigout,S., Huang,D., Yang,Y., Wang,C., Sundt,D., Jaffe,D.B., Zhang,H., Gamper,N.
- Control of somatic membran potential in nociceptive neurons and its implications for peripheral nociceptive transmission
- Pain 155 (2014)2306 - 22
- +Duan,B.
- Cheng,L., Bourane,S., Britz,O., Padilla,C., Garcia-Campmany,L., Krashes,M., Knowlton,W., und weitere 7 Autoren
- Identification of spinal circuits transmitting and gating mechanical pain
- Cell 159 (2014)1417 – 32
- +Duan,P.G.
- Berven,S.H., Guinn,J., Rivera,J., Chou,D.
- Fatty infiltration of the lumbar multifidus (LM) may be associated with adjacent segment degeneration after fusion for spondylolisthesis
- Proceedings of the 35<sup>th</sup> annual meeting of the North American Spine Society
- Spine J 20 (2020)Suppl. 9S, S. S9 - 10
- +Duance,V.C.
- Crean,J.K., Sims,T.J., Avery,N., Smith,S., Menage,J., Eisenstein,S.M., Roberts,S.
- Changes in collagen cross-linking in degenerative disc disease and scoliosis
- Spine 23 (1998)2545 – 51

- +Dublin,P. Hanani,M.  
Satellite glia cells in sensory ganglia : their possible contribution to inflammatory pain  
Brain Behav Immunol 21 (2007)592 – 8
- +du Bois,M. Szpalski,M., Donceel,P.  
Patients at risk for long-term sickleave because of low back pain  
Spine J 9 (2009)350 - 9
- +Dubois,J. Scala,E., Faouzi,M., Decosterd,I., Burnand,B., Rodondi,P.Y.  
Chronic low back pain patients' use of, level of knowledge of and perceived benefits of complementary medicine: a cross-sectional study at an academic pain center  
BMC Complement Alternat Med 17 (2017)193  
<https://bmccomplementalternmed.biomedcentral.com/articles/10.1186/s12906-017-1708-1>
- +Dudhgaonkar,S.P. Tandan,S.K., Kumar,D., Naik,A.K., Raviprakash,V.  
Ameliorative effect of combined administraton of inducible nitric oxidase inhibitor with cyclooxygenase – II inhibitors in neuropathic pain in rats  
Eur J Pain 11 (2007)528 - 34
- +Dudhgaonkar,S.P. Tandan,S.K., Kumar,D., Arunadevi,R., Ravi Prakash,V.  
Synergistic interaction between meloxicam and aminoguanidine in formalin-induced nociception in mice  
Eur J Pain 12 (2008)321 – 8
- +Dudhia,J. Bayliss,M.T., Hardingham,T.E.  
Human link protein gene: structure and transcription pattern in chondrocytes  
Biochem J 303 (1994)329 – 33
- +Dudli,S. Boffa,D.B., Ferguson,S.J., Haschtmann,D.  
Leucocytes enhance inflammatory and catabolic degenerative changes in the intervertebral disc after endplate fracture in vitro without infiltrating the disc  
Spine 40 (2015)1799 - 1806
- +Dudli,S. Ferguson,S.J., Haschtmann,D.

Severity and patterns of post-traumatic intervertebral disc degeneration depend on the type of injury

Spine J 14 (2014)1256 – 64

+Dudli,S.

Liebenberg,E., Magnitzky,S., Lu,B., Lauricella,M., Lotz,J.C.

Modic type 1 change is an autoimmune response that requires a proinflammatory milieu provided by the “Modic disc”

Spine J 18 (2018)831 - 44

Dudli,S.

Sing,D.C., Hu,S.S., Berven,S.H., Burch,S., Deviron,V. et al.

ISSLS prize in basic science 2017: intervertebral disc/bone marrow cross-talk with modic – changes

Eur Spine J 26 (2017)1362 - 73

+Dufour,N.

Thamsborg,G., Oefeldt,A., Lundsgaard,C., Stender,S.

Treatment of chronic low back pain. A randomized, clinical trial comparing group-based multidisciplinary biopsychosocial rehabilitation and intensive individual therapist-assisted back muscle strengthening exercises

Spine 35 (2010)469 - 76

+Dugailly,P.M.

Salem,W.

Immediate alteration of the lumbar intervertebral foramen during the so-called osteopathic locking technique: A preliminary analysis on healthy subjects

Int J Osteop Med (2021) online 31.12.2021  
doi.org/10.1016/j.ijosm.2021.12.006

+Dugan,S.A.

Powell,L.H., Kravitz,H.M., Rose,S.A.E., Karavolos,K., Luborsky,J.

Musculoskeletal pain and menopausal status

Clin J Pain 22 (2006)325 – 31

+Dulor,J.P.

Cambon,B., Vigneron,P., Reyne,Y., Nougues,J., Casteilla,L., Bacou,F.

Expression of specific white adipose tissue genes in denervation-induced skeletal muscle fatty degeneration

FEBS Lett 439 (1998)89 – 92

+Duman,R.S.

Monteggia,L.M.

A neurotrophic model for stress-related mood disorders

Biol Psychiatry 59 (2006)1116 – 27

Dunbar,F.L.

Emotions and bodily changes: a survey of literature of psycho-somatic relationships, 1910 – 1933

2<sup>nd</sup> ed., New York, Columbia University Press 1938 (zit. Merskey, 2009)

-Dunbar,S.A.

Karamian,I.G.

Periodic abstinence enhances nociception without significantly altering the antinociceptive efficacy of spinal morphine in the rat

Neurosci Lett 344 (2003)145 – 8 (zit. Dunbar et al., 2007)

+Dunbar,S.A.

Karamian,I., Zhang,J.

Ketorolac prevents recurrent withdrawal induced hyperalgesia but does not inhibit tolerance to spinal morphine in the rat

Eur J Pain 11 (2007)1 - 6

+Dunbar,S.A.

Karamov,I.G., Buerkle,H.

The effect of spinal ibuprofen on opioid withdrawal in the rat

Anesth Analg 91 (2000)417 – 22

Dunbar,S.A.

Katz,N.P.

Chronic opioid therapy for nonmalignant pain in patients with a history of substance abuse: a report of 20 cases

J Pain Symptom Manage 11 (1996)163 – 71 (zit. Hojsted & Sjogren, 2007)

Dunbar,S.A.

Pulai,I.J.

Repetitive opioid abstinence causes progressive hyperalgesia sensitive to N-methyl-D-aspartate receptor blockade in the rat

J Pharmacol Exp Ther 284 (1998)678 – 86 (zit. Dunbar et al., 2007)

Dunbar,S.A.

Yaksh,T.L.

Concurrent spinal infusion of MK 801 blocks spinal tolerance and dependence induced by chronic intrathecal morphine in the rat

Anesthesiology 84 (1996)1177 – 88 (zit. Dunbar et al., 2007)

Dunbar,S.A.

Yaksh,T.L.

Spinal infusion of N-methyl-D-aspartate antagonist MK 801 induces hypersensitivity to the spinal alpha-2-agonist ST 91 in the rat

J Pharmacol Exp Ther 281 (1997)1219 – 25 (zit. Dunbar et al., 2007)

+Duncan,A.E.

Colman,R.J., Kramer,P.

Sex differences in spinal osteoarthritis in humans and rhesus monkeys (*Macaca mulatta*)

Spine 37 (2012)915 - 22

+Dundar,U.

Solak,O., Yigit,I., Evcik,D., Kavuncu,V.

Clinical effectiveness of aquatic exercise to treat chronic low back pain

Spine 34 (2009)1436 – 40

+Dunn,K.M.

Extending conceptual frameworks: life course epidemiology for the study of back pain

BMC Musculoskelet Disord 11 (2010)23

+Dunn,K.M.

Croft,P.R.

The importance of symptom duration in determining prognosis

Pain 121 (2006)126 – 132

+Dunn,K.M.

Croft,P.R.

Repeated assessment improves the prognosis in patients with low back pain in primary care

Pain 126 (2006b)10 - 5

+Dunn,K.M.

Croft,P.R.

Classification of low back pain in primary care:using “bothersomeness” to identify the most severe cases

Spine 30 (2005)1887 – 92

+Dunn,K.M.

Croft,P.R., Main,C.J., von Korff,M.

A prognostic approach to defining chronic pain: replication in a UK primary care low back pain population

- Pain 135 (2008)48 – 54  
+Dunn,K.M. Jordan,K., Croft,P.R.  
Characterizing the course of low back pain: a latent class analysis  
Am J Epidemiol 163 (2006c)754 – 61
- +Dunn,K.M. Jordan,K.P., Mancl,L., Drangsholt,M.T., Le Resche,L.  
Trajectories of pain in adolescents: A prospective cohort study  
Pain 152 (2011)66 - 73
- +Dunn,K.M. de Vet,H.C., Hooper,H., Ong,B.M., Croft,P.R.  
Measurement of back pain episode inceptions in questionnaires: a study combining quantitative and qualitative methods  
J Muskuloskelet Pain 14 (2006)29 - 37
- +Dunn,P.M. Zhong,Y., Burnstock,G.  
P2X receptors in peripheral neurons  
Prog Neurobiol 65 (2001)107 – 134
- Dunn,P. – n – Girardin,M.  
Embryological study of the spinal dura and its attachment into the vertebral canal  
Int J Osteopath Med 9 (2006)85 – 93 (nur kostenpflichtig im Internet)
- +Dupeyron,A. Lecocq,J., Vautravers,P., Pelissier,J., Perrey,S.  
Muscle oxygenation and intramuscular pressure related to posture and load in back muscles  
Spine J 9 (2009)754 – 9
- Duque,I. Parra,J.H., Duvallet,A.  
Maximal aerobic power in patients with chronic low back pain: a comparison with health subjects  
Eur Spine J 2010 Aug 29 PMID: 20803223
- +Durand,J. Engberg,I., Tyc-Dumont,S.

- L-glutamate and M-methyl-D-aspartate actions on membrane potential and conductance of cat abducens motoneurons  
Neurosci Lett 79 (1987)295 – 300
- +During,J.  
Goudfrooij,H., Keesen,W., Beeker,T.W., Crowe,A.
- Toward standards of posture. Postural characteristics of the lower back system system in normal and pathologic conditions  
Spine 10 (1985)83 – 7
- Durkovic,R.G.  
Pavlovian conditioning of reflex potentiation in spinal cat  
In: Patterson,M.M., Grau,J.W.: Spinal cord plasticity – alterations in reflex functions, Kluver Academic Publisher, Norwell,MA, 2001, p.55 – 72 (cit. Beyer, 2009)
- +Duron,D.I.  
Hanak,F., Streicher,J.M.  
Daily intermittent fasting in mice enhances morphin-induced antinociception while mitigating reward, tolerance, and constipation  
Pain 161 (2020)2353 - 63
- +Durrani,Z.  
Winnie,A.P.  
Piriformis muscle syndrome: an underdiagnosed cause of sciatica  
J Pain Symptom Manage 6 (1991)374 – 9
- +Dussart,P.  
Comparison of spinal manipulation methods and usual medical care for acute and subacute low back pain  
Int J Osteopath Med 18 (2015)150 – 1
- +Dussor,G.  
Changes in undamaged fibers following peripheral nerve injury: A role for TNF alpha (commentary)  
Pain 151 (2010)237 - 8
- +Dutmer,A.L.  
Schiphort Preuper,H.R., Stewart,R.E., Soer,R., Reneman,M.F., Wolff,A.P.,  
Trajectories of disability and low back pain impact. 2-year follow-up pf the Groningen spine cohort  
Spine 45 (2020)1649 - 60
- +Duval-Beaupere,G.  
Dubousset,J., Queneau,P., Grossiord,A.

- Pour une theorie unique de l'evolution des scoliosis  
Presse Med 78 (1970)1141 – 6
- +Duval-Beaupere,G.  
Schmidt,C., Cosson,P.  
A barycentremetric study of the sagittal slope of spine and pelvis: the conditions required for an economic standing position  
Ann Biomed Eng 20 (1992)451 – 62
- +Dworkin,R.H.  
O'Connor,R.H., Backonja, M., Farrar,J.T., Finnerup,N.B., Jensen,T.S., Kalso,E.A., Loeser,J.D., Miaskowski, C., Nurmikko,T.J., Portenoy,R.K., Rice,A.S.C., Stacey,B.R., Treede,R.-D., Turk,D., Wallace,M.S.  
Pharmacologic management of neuropathic pain : Evidence-based recommendations  
Pain 132 (2007)237 – 51
- +Dworkin,R.H.  
Turk,D.C., Farrar,J.T., Haythornthwaite,J.A., Jensen,M.P., Katz,N.P., Kerns,R.D., Stucki,G. und weitere 27 Autoren  
Core outcome measures for chronic pain trials: IMMPACT recommendations  
Pain 113 (2005)9 – 19
- +Dworkin,R.H.  
Turk,D.C., Peirce-Sandner,S., Baron,R., Bellamy,N., Burke,L.B., Chappell,A., Chartier,K., Cleeland,C.S., Costello,A. und weitere 29 Autoren  
Research design considerations for confirmatory chronic pain clinical trials: IMMPACT recommendations  
Pain 149 (2010)177 - 93
- +Dworkin,S.F.  
von Korff,M., le Resche,L.  
Multiple pains and psychiatric disturbance. An epidemiologic investigation  
Arch Gen Psychiatry 47 (1990)239 – 44
- +Dyck,P.  
Lumbar nerve root: the enigmatic eponyms  
Spine 9 (1984)3 -6
- +D'Zurilla,T.J.  
Goldfried,M.R.  
Problem solving and behavior modification  
J Abnorm Psychol 78 (1971)107 - 26

- +Ebenbichler,G.  
Wie sind Muskelfunktions- und Bewegungsstörungen bei Wirbelsäulenpatienten erklärbar?  
*Schmerz* 21 (2007)Suppl., 42
- +Eberhardt,M.J.  
Leffler,A.  
Schmerz und Schmerzlosigkeit. Mutationen spannungsabhängiger Natriumkanäle  
*Schmerz* 31 (2017)14 - 22
- +Ebersberger,A.  
Natura,G., Eitner,A., Halbhuber,K.J., Rost,R., Schaible,H.G.  
Effects of prostaglandin D2 on tetrodotoxin-resistant Na<sup>+</sup> currents in DRG neurons of the adult rat  
*Pain* 152 (2011)1114 - 26
- Eccles,N.K.  
A critical review of randomized controlled trials of static magnets for pain relief  
*J Altern Compl Med* 11 (2005)495 – 509 (zit. Harden et al., 2007)
- +Eccleston,C.  
Chronic pain as embodied defence: implications for current and future psychological treatments  
*Pain* 159 (2018)S1: S17 - 23
- +Eccleston,C.  
Crombez,G.  
Pain demands attention: a cognitive-affective model of the interruptive function of pain  
*Psychol Bull* 125 (1999)356 – 66
- +Eccleston,C.  
Crombez,G.  
Worry and chronic pain: A misdirected problem solving model  
*Pain* 132 (2007)233 - 6
- +Eccleston,C.  
Crombez,G., Scotford,A., Clinch,J., Connell,H.  
Adolescent chronic pain: patterns and predictors of emotional distress in adolescents with chronic pain and their parents  
*Pain* 108 (2004)221 - 9
- +Eccleston,C.  
Jordan,A., McCracken,L.M., Sleed,M., Connell,H., Clinch,J.

The Bath Adolescent Pain Questionnaire (BAPQ):  
development and preliminary psychometric evaluation of an  
instrument to assess the impact of chronic pain on  
adolescents

Pain 118 (2005)263 – 70

+Echeverry,S.

Shi,X.Q., Yang,M., Huang,H., Wu,Y.C., Lorenzo,L.E., Perez-Sanchez,J., Bonin,R.P., de Koninck,Y., Zhamg,J.

Spinal microglia are required for long-term maintenance of  
neuropathic pain

Pain 158 (2017)1792 - 1801

+Echeverry,S.

Shi,X.Q., Zhang,J.

Characterisation of cell proliferation in rat spinal cord  
following peripheral nerve injury and the relationship with  
neuropathic pain

Pain 135 (2008)37 - 47

+Eck,J.C.

Riley,L.H.III

Return to play after lumbar spine conditions and surgeries

Clin Sports Med 23 (2004)367 – 79

+Eckhardt,K.

Li,S., Ammon,S., Schanzle,C., Mikus,G., Eichelbaum,M.

Same incidence of adverse drug events after Codeine  
administration irrespective of the genetically determined  
differences in opioid formation

Pain 76 (1998)27 – 33

+Eder,C.

Pinsger,A., Schildboeck,S., Falkner,E., Becker,P., Ogon,M.

Influence of intradiscal medication on nucleus pulposus cells

Spine J 13 (2013)1556 - 62

+Edlund,M.J.

Austen,M.A., Sullivan,M.D., Martin,B.C., Williams,J.S.,  
Fortney,J.C., Hudson,T.J.

Patterns of opioid use for chronic noncancer pain in the  
veterans health administration from 2009 to 2011

Pain 155 (2014)2337 - 43

+Edlund,M.J.

Martin,B.C., Devries,A., Fan,M.Y., Braden,J.B., Sullivan,M.D.

Trends in use of opioids for chronic noncancer pain among individuals with mental health and substance use disorders : The TROUP study

Clin J Pain 26 (2010)1 – 8

+Edlund,M.J.

Martin,B.C., Russo,J.E., deVries,A., Braden,J.A., Sullivan,M.D.

The role of opioid prescription in incident opioid abuse and dependence among individuals with chronic noncancer pain. The role of opioid prescription

Clin J Pain 30 (2014)557 - 64

+Edlund,M.J.

Steffick,D., Hudson,T., Harris,K.M., Sullivan,M.

Risk factors for clinically recognized opioid abuse and dependence among veterans using opioids for chronic non-cancer pain

Pain 129 (2007)335 – 62

(+)Edmond,S.L.

Werneke,M.W., Young,M., Gringsby,D., McGill,T., McGlennan,B.

Directional preference, cognitive behavioural interventions, and outcomes among patients with chronic low back pain

Phys Res Int (2019) online 4.4.2019;  
doi.org/10.1002/pri.1773

+Educational Council

on Osteopathic Principles. Glossary of osteopathic terminology 2006

[www.osteopathic.org](http://www.osteopathic.org)

+Edwards,D.

Gatchel,R., Adams ;L., Stowell,A.W.

Emotional distress and medication use in two acute pain populations: jaw and low back

Pain Practice 6 (2006)242 – 53

+Edwards,J.E.

McQuay,H.J., Moore,R.A.

Combination analgesic efficacy: individual patient data meta-analysis of single-dose oral tramadol plus acetaminophen in acute postoperative pain

J Pain Sympt Manage 23 (2002)121 - 30

+Edwards,R.R.

Calahan,C., Mensing,G., Smith,M., Haythornthwaite,J.A.

Pain, catastrophizing and depression in the rheumatic diseases

Nat Rev Rheumatol 7 (2011)216 – 24

+Edwards,R.R.

Fillingim,R.B., Ness,T.J.

Age-related differences in endogenous pain modulation: a comparison of diffuse noxious inhibitory controls in healthy older and younger adults

Pain 101 (2003)155 - 65

+Edwards,R.R.

Klick,B., Buenaver,L., Max,M.B., Haythornthwaite,J.A., Keller,R.B., Atlas,S.J.

Pain 130 (2007)47 - 55

+Edwards,R.R.

Kronfli,T., Haythorhthwaite,J.A., Smith,M.T., Mc Guire,L., Page,G.G.

Association of catastrophizing with interleukin-6 responses to acute pain

Pain 140 (2008)135 – 44

+Eftekharsadat,B.

Fasaie,N., Golilazadeh,D., Babaei-Ghazani,A., Jahanjou,F., Eslampoor;Y., Dolatkhah,N.

Comparison of efficacy of cortikosteroid injection versus extracorporeal shock wave therapy on inferior trigger points in the quadratus lumborum muscle: a randomized clinical trial

BMC Musculoskel Disord 21 (2020)695  
[doi.org/10.1186/s12891-020-03714-3](https://doi.org/10.1186/s12891-020-03714-3)

+Egea,J.

Rosa,A.O., Lorrio,S., del Barrio,L., Cuadrado,A., Lopez,M.G.

Haeme oxygenase-1 overexpression via nAChRs and the transcripitin factor Nrf2 has antinociceptive effects in the formalin test

Pain 146 (2009)75 - 83

+Egeland,N.G.

Moen,A., Pedersen,L.M., Brisby,H., Gjerstad,J.

Spinal nociceptive hyperexcitability induced by experimental disc herniation is associated with enhanced local expression of Csf1 and FasL

Pain 154 (2013)1743 - 8

+Egger,S.

Kann es Rheuma sein. Von der Vermutung zur Gewissheit

Manuelle Med 52 (2014)38 - 41

+Egger,S.

Nichtradiographische axiale Spondylarthritis. Der Weg zu einer neuen (führen) rheumatischen Erkrankung

Manuelle Med 54 (2016)14 - 6

+Egle,U.T.

Egloff,N., von Känel,R.

Stressinduzierte Hyperalgesie (SIH) als Folge von emotionaler Deprivation und psychischer Traumatisierung in der Kindheit. Kosequenzen für die Schmerztherapie

Schmerz 30 (2016)526 - 36

Egle,U.T.

Hoffmann,S.O., Lehmann,K.A., Nix,W.A. (Hrsg.)

Handbuch chronischer Schmerz

Schattauer, Stuttgart, 2003

Egle,U.T.

Nickel,R.

Somatoforme Schmerzstörung

In: Egle et al.: Handbuch chronischer Schmerz, Schattauer, Stuttgart, 2003,S.555 – 62

+Egle,U.T.

Nickel,R., Schwab,R., Hoffmann,S.E.

Die somatoforme Schmerzstörung

Dt Ärztebl 97 (2000)A1469 - 73

+Egloff,N.

Sabbioni,M., Salathe,C., Wiest,R., Juengling,F.

Nondermatomal somatosensory deficits in patients with chronic pain disorder: clinical findings and hypometabolic pattern in FTG – PET

Pain 145 (2009)252 - 8

Egund,N.

Ollson,T.H., Schmid,H., Selvik,G.

Movements in the sacroiliac joints demonstrated with roentgen stereophotogrammetry

Acta Radiol Diagn (Stockh) 19 (1978)833 – 46 (zit. Jordan, 2006)

+Ehlert,U.

Gaab,J., Heinrichs,M.

Psychoneuroendocrinological contributions to the etiology of depression, posttraumatic stress disorder, and stress-related bodily disorders: the role of the hypothalamus-pituitary-adrenal axis

Biological Psychol 57 (2001)141 – 52

+Ehlers,A.

Clark,D.M., Dunmore,E., Jaycox,L., Meadows,E., Foa,E.B.

Preceeding response to exposure treatment in PTSD: the role of mental defeat and alienation

J Traumatic Stress 11 (1998)457 – 71

Ehrenfeuchter,W.C.

Sandhouse,M.

Muscle energy techniques

In: Ward,R.C. (ed.): Foundations for osteopathic medicine. 2<sup>nd</sup> ed., Philadelphia, Lippincott Williams & Wilkins, 2003, pp. 881 – 907

Ehrmann Feldman,D.

siehe + Feldman,D.E.

(-)Ehsani,F.

Arab,A.M., Jaberzadeh,S., Salavati,M.

Ultrasound measurement of deep and superficial abdominal muscles thickness during standing postural tasks in participants with and without chronic low back pain

Man Ther (2016) doi.org/10.1016/j.math.2016.01.003

+Eich,W

Häuser,W., Arnold,B., Jäckel,W., Offenbächer,M., Petzke,F., Schiltenwolf,M., Settan,M., Sommer,C., Tölle,T., Ücayler,N., Henningsen,P.

Das Fibromyalgiesyndrom. Definition, Klassifikation, klinische Diagnose und Prognose

Schmerz 26 (2012)247 - 58

+Eichele,T.

Debener,S., Calthoun,V.D., Specht,K., Engel,A.K., Hugdahl,K., von Cramon,D.Y., Ullsperger,M.

Prediction of human errors by maladaptive changes in event-related brain networks

Proc Natl Acad Sci USA 105 (2008)6173 – 8

+Eichenseer,P.H.

Sybert,D.R., Cotton,J.R.

A finite element analysis of sacroiliac joint ligaments in response to different loading conditions

Spine 36 (2011)E 1446 – 52

+Eichler,J.

Rachinger-Adam,B., Kraft,E., Azad,S.C.

Effektivität von Biofeedback bei Patienten mit chronischem Rückenschmerz. Einfluss auf Schmerz, psychologische Faktoren und Stressmarker

Schmerz 33 (2019)539 - 48

- +Eide,P.K. Wind-up and the NMDA receptor complex from a clinical perspective  
Eur J Pain 4 (2000)5 - 17
- +Eide,P.K. Jorum,E., Stubhaug,A., Bremnes,J., Breivik,H.  
Relief of postherpetic neuralgia with the N-methylic-D-aspartic acid receptor antagonist ketamine: a double-blind, cross-over comparison with morphine and placebo  
Pain 58 (1994)347 – 54
- +Eifert,G.H. Akzeptanz- und Commitment-Therapie. Das Unveränderbare akzeptieren und das Veränderbare verändern lernen  
Nervenheilkd 33 (2014)233 - 40
- +Eikemo,M. Loseth,G.E., Leknes,S.  
Do endogenous opioids mediate or fine-tune human pain relief? (commentary)  
Pain 162 (2021)2789 – 91  
[doi.org/10.1097/0000000000002286](https://doi.org/10.1097/0000000000002286)
- +Einecke,D. Vorsicht bei Risikopatienten. Ibuprofen erhöht den Blutdruck  
MMW Fortschr Med 159 (2017)16: 19
- +Einhorn,T.A. Clinical applications of recombinant human BMP's: early experience and future development  
J Bone Joint Surg Am 85 (2003) Suppl 3: 82 – 8
- +Eippert,F. Bingel,U., Schoell,E.D., Yacubian,J., Klinger,R., Lorenz,J., Buchel,C.  
Activation oft the opioidergic descending pain control system underlies placebo analgesia  
Neuron 63 (2009)533 – 43
- +Eippert,F. Finsterbusch,J., Bingel,U., Buchel,C.  
Direct evidence for spinal cord involvement in placebo analgesia  
Science 326 (2009a)404
- +Eirikstoft,H. Kongstedt,A.  
Patiet characteristics in low back pain subgroups based on an existing classification system. A descriptive cohort study in chiropractic practice

Man Ther 19 (2014)65 - 71

+Eisenberg,D.M:

Buring,J.E., Hrbek,A.L., Davis,R.B., Connelly,M.T.,  
Cherkin,D.C.,Levy,D.B., Cunningham,M., O'Connor,B.,  
Post,D.E.

A model of integrative care for low-back-pain

J Altern Complement Med 18 (2012)354 – 62

-Eisenberg,D.M.

Post,D.E., Davis,R.B., Connelly,M.T., Legendza,A.T.R. et al.

Addition of choice of complementary therapies to usual care  
for acute low back pain. A randomized clinical trial

Spine 32 (2007)151 – 8

+Eisenberg,E.

Burstein,Y., Suzan,E., Treister,R., Aviram,J.

Spinal cord stimulation attenuates temporal summation in  
patients with neuropathic pain

Pain 156 (2015)381 - 5

+Eisenberg,E.

Lurie,Y., Braker,C., Daoud,D., Ishay,A.

Lamotrigine reduces painful diabetic neuropathy. A  
randomised controlled study

Neurology 57 (2001)505 – 9

+Eisenberger,N.I.

The pain of social disconnection: examining the shared neural  
underpinnings of physical and social pain

Nat Rev Neurosci 13 (2012)421 – 34

+Eisenberger,N.I.

Lieberman,M.D.

Why rejection hurts: a common neural alarm system for  
physical and social pain

Trends Cogn Sci 8 (2004)294 – 300

+Eisendrath,S.J.

Pain, avoidance, suffering. Commentary

Pain 153 (2012)1134 - 5

+Eisenreich,U.

Differenzierung myofaszialer Schmerzpunkte in Genese und  
Therapie

Osteopath Med 13 (2012)2: 22 - 8

+Eisenstein,S.

The trefoil configuration of the lumbar vertebral canal: a  
study of South African skeletal material

- J Bone Joint Surg Br 62 (1980)73 – 7
- +Eisenstein,S.M. Ashton,I.K., Roberts,S., Darby,A.J., Kanse,P., Menage,J., Evans,H.
- Innervation of the spondylolysis ligament
- Spine 19 (1994)912 – 6
- +Ekberg,J. Adams,D.J.
- Neuronal voltage-gated sodium channel subtypes: key roles in inflammatory and neuropathic pain
- Int J Biochem Cell Biol 38 (2006)2005 – 10
- +Ekberg,J. Jayamanne,A., Vaughan,C.W., Aslan,S., Thomas,L., Mould,J., Drinkwater,R., Baker,M.D., Abrahamsen,B., Wood,J.N., Adams,D.J., Christie,M.J., Lewis,R.J.
- muO-conotoxin MrVIB selectively blocks Nav1.8 sensory neuron specific sodium channels and chronic pain behavior without motor deficits
- Proc Natl Acad USA 103 (2006)17030 – 5
- +Ekholm,O. Kurita,G.P., Hojsted,J., Juel,K., Sjogren,P.
- Chronic pain, opioid prescriptions, and mortality in Denmark: a population-based cohort study
- Pain 155 (2014)2486 - 90
- +Eklund,A. Jensen,I., Lohela-Karlson,M., Leboeuf-Yde,C., Axen,I.
- Absence of low back pain to demarcate an episode: a prospective multicenter study in primary care
- Chiropr Man Ther 24 (2016)3
- +Ekman,M. Johnell,O., Lidgren,L.
- The economic cost of low back pain in Sweden in 2001
- Acta Orthop 76 (2005)275 – 84
- +Ekman,M. Jönhagen,S., Hunsche,E., Jönsson,L.
- The burden of illness of chronic back pain in Sweden: a cross-sectional, retrospective study in primary care setting
- Spine 30 (2005)1777 – 85
- +Ekman,P. Möller,H., Hedlund,R., Hedlund,R.

The long term effect of a posterolateral fusion in adult isthmic spondylolisthesis. A randomized controlled study

Spine J 5 (2005)36 – 44

+El-Badawy,M.A.

El Mikkawy,D.M.E.

Sympathetic dysfunction in patients with chronic low back pain and failed back surgery syndrome

Clin J Pain 32 (2016)226 - 31

+el Barzouhi,A.

Vleggeert-Lankamp, C.L.A.M., van der Kallen,B.F., Lycklama a Nijeholt,G.J., van den Hout,W.B., Koes,B.W., Peul,W.C.

Back pain's association with endplate signal changes in sciatica

Spine J 14 (2014)225 - 33

+Elbaz,A.

Mirovsky,Y., Mor,A., Enosh,S., Debbi,E., Segal,G., Barzilay,Y., Debi,R.

A novel biomechanical device improves gait pattern in patient with chronic non-specific low back pain

Spine 34 (2009)E507 - 12

+El-Bohy,A.

Cavanaugh,J.M, Getchell,M.L., Bulas,T., Getchell,T.V., King,A.I.

Localisation of substance P and neurofilament immunoreactive fibers in the lumbar facet joint capsule and supraspinous ligament of the rabbit

Brain Res 460 (1988)379 - 82

+Elders,L.A.

Burdorf,A.

Prevalence, incident episodes, and recurrence of low back pain in scaffolders during a 3-year follow-up study

Spine 29 (2004)11: E101 – 6

+Elders,L.A.M.

van den Beek,A.J., Burdorf,A.

Return to work after sickness absence due to back disorders: a systematic review on intervention strategies

Int Arch Occup Environ Health 73 (2000)339 – 48

+Elders,L.A.M.

Heinrich,J., Burdorf,A.

Risk factors for sickness absence because of low back pain among scaffolders. A 3 year follow-up study

- Spine 12 (2003)1340 – 6  
Eldred,E.  
Hutton,R.S., Smith,J.L.  
Nature of the persisting changes in afferent discharge from muscles following its contraction  
In: Homma,S. (ed.) Understanding the stretch reflex; new York, Elsevier 1976, p. 157 – 83 (zit. Pickar & Wheeler, 2001)
- +Elfering,A.D.P.  
Semmer,N., Birkhofer,D., Zanetti,M., Hodler,J., Boos,N.  
Risk factors for lumbar disc degeneration – a 5 year prospective MRI study in asymptomatic individuals  
Spine 27 (2002)125 – 34
- +Elgafy,H.  
Semaan,H.B., Ebraheim,N.A., Coombs,R.J.  
Computed tomography findings in patients with sacroiliac pain  
Clin Orthop 382 (2001)112 – 8
- Elgaard Jensen,C.  
siehe Jensen,C.E.
- +El Gourari,M.  
Ohlendorf,D., Kopp,S.  
Effekte eines Aufbissbehelfs auf die Oberkörperstatik bei Patienten mit kraniomandibulären Beschwerden  
Manuelle Med 51 (2013)484 - 92
- +Elgueta-Cancino,E.  
Schabrun,S., Hodges,P.  
Is the organisation of the primary motor cortex in low back pain related to pain, movement, and/or sensation?  
Clin J Pain 34 (2018)207 - 16
- +Ellerbrock,I.  
Wiehler,A., Arndt,M., May,A.  
Nocebo context modulates long-term habituation to heat pain and influences functional connectivity of the operculum  
Pain 156 (2015)2222 - 33
- +Ellestad,S.M.  
Nagle,R.V., Boesler,D.R., Kilmore,M.A  
Electromyographic and skin resistance responses to osteopathic manipulative treatment for low-back pain  
J A O A 88 (1988)991 - 7

- (+)Ellingsen,D.M. Napadow,V., Protsenko,E., Mawla,I., Kowalski,M.H., Swensen,D., O'Dwyer-Swensen,D., edwards,R.R., Kettner,N., Loggia,M.L.  
Brain mechanisms of anticipated painful movements and their modulation by manual therapy in chronic low back pain  
J Pain (2018) doi.org/10.1016/j.jpain.2018.05.012 (in press)
- +Elliott,A.M. Smith,B.H., Penny,K.I., Smith,W.C., Chambers,W,A.  
The epidemiology of chronic pain in the community  
Lancet 354 (1999)1248 – 52
- +Elliot,P.J. Iversen,S.D.  
Behavioural effects of tachykinins and related peptides  
Brain Res 381 (1986)68 – 76
- +Ellrich,J. Lamp,S.  
Peripheral nerve stimulation inhibits nociceptive processing: an electrophysiological study in healthy volunteers  
Neuromodulation 8 (2005)225 – 32
- +El Mahdi,M.A. Abdel Latif,F.Y., Janko,M.  
The spinal nerve root « innervation », a new concept of the clinicopathological interrelations in in back pain and sciatica  
Neurochirurgie 24 (1981)137 – 41
- +El-Sayed,A.M. Hadley,C., Tessema,F., Tegegn,A., Cowan,J.A., Galea,S.  
Back and neck pain and pathopsychology in rural aub Saharan Africa. Evidence from the Gilbel Gibe Growth and Development Study, Ethiopia  
Spine 35 (2010)684 - 9
- +Elnaggar,I.M. Nordin,M., Sheikzadeh,A., Parnianpour,M., Kahanovitz,N.  
Effects of spinal flexion and extension exercises on low back pain and spinal mobility in chronic mechanical low back pain patients  
Spine 16 (1991)967 – 72
- EMA European Medicines Agency: Press release: European medicines agency concludes action on COX-2-inhibitors

Doc. Ref. EMEA/207766/2005. London, 27 June 2005 (zit. AMK, 2007)

EMA European Medicines Agency: press release  
EMEA/247323/2005. London, 2 August 2005 (zit. AMK, 2007)

EMA European Medicines Agency: Press office: Key elements of the summaries of product characteristics of non-selective NSAID's adopted by the CHMP during its meeting in October 2005.  
EMEA/CHMP/343456/2005. London, 17 October 2005 (zit. AMK, 2007)

(+)Emary,P.C. Brown,A.L., Cameron,D.F., Pessoa,A.F., Bolton,J.F.  
Management of back pain-related disorders in a community with limited access to health care services: a description of integration of chiropractors as service providers  
J Manipulat Physiol Ther 41 (2017)635 – 42 (Abstrakt)  
[doi.org/10.1016/j.mpt.2017.07.011](https://doi.org/10.1016/j.mpt.2017.07.011)

EMEA European Medicines Evaluation Agency: Post-authorisation Evaluation of Medicines for Human Use: public assessment report for medicinal products containing non-selective non steroidal antiinflammatory products (NSAIDs). Procedure No. EMEA/H/A-5.3/800 under Article 5(3) of regulation (EC) No 726/2004  
EMEA/CHMP/442130/2006 London,7 November 2006 (zit. AMK, 2007)

+Emerson,N.M. Zaidan,F., Lobanov,O.V., Hadsel,M.S., Martucci,K.T., Quevedo,A.S., Starr,C.J., Nahman-Averbuch,H., Weissman-Fogel,I., granovsky,Y., Yarnitzky,D., Coghill,R.C.  
Pain sensitivity is inversely correlated to regional grey matter density in the brain  
Pain 155 (2014)566 - 73

+Emery,E.C. Young,C.T., Berrocoso,E.M., Chen,I., McNaughton,P.A.  
HCN2 ion channels play a central role in inflammatory and neuropathic pain  
Science 333 (2011)1462 - 6

+Emmerich,J. Multimodale Komplexbehandlung des Bewegungssystems – Hintergründe, Entwicklung medizinischer Strukturen und Durchführung

- Manuelle Med 57 (2019)299 - 306
- +Emmerich,J.  
Das lumbale Facettensyndrom als Prototyp einer Funktionskrankheit des Bewegungssystems.  
Leitliniengerechte Diagnostik und Behandlung  
Manuelle Med 58 (2020)291 - 7
- +Empl,M.  
Straube,A.  
Entzündliche Erkrankungen des ZNS sowie immunmodulatorische Therapie und ihr Einfluss auf primäre Kopfschmerzen  
Schmerz 21 (2007)415 – 423
- +Emrich,O.  
Infusionstherapie mit Lokalanästhetika  
Schmerzmedizin 28 (2012)3:18 - 20
- +Emrich,O.  
Milachowski,K.A., Strohmeier,M.  
Methocarbamol bei akuten Rückenschmerzen. Eine randomisierte, doppelblinde, placebokontrollierte Studie  
MMW – Fortschr Med 157 (2015)Suppl.5: 9 - 16
- +En,X.  
Operation is no better than nonoperative care in improving pain and disability in chronic back pain: long term results of randomized controlled trials of western China  
Proceedings of the 35<sup>th</sup> annual meeting of the North American Spine Society  
Spine J 20 (2020)Suppl.9: S 90 - 1
- +Endean,A.  
Palmer,K.T., Coggon,D.  
Potential of magnetic resonance imaging findings to refine case definition for mechanical low back pain in epidemiological studies. A systematic review  
Spine 36 (2011)160 – 9
- +Engbert;K.  
Weber,M.  
The effects of therapeutic climbing in patients with chronic low back pain  
Spine 36 (2011)842 - 9
- +Engel,C.C.  
von Korff,M., Katon,W.J.  
Back pain in primary care: predictors of high health costs

- Pain 65 (1996)197 – 204
- +Engel,G.L. Primary atypical facial neuralgias. An hysterical conversion symptom
- Psychosom Med 13 (1951)375 – 96
- Engel,G.L. Psychogenic pain
- Med Clin North Am 42 (1959)1481 – 96 (zit. Merskey, 2009)
- +Engel,G.L. "Psychogenic" pain and the pain-prone patient
- Am J Med 26 (1959)899 – 918 (so zit. Pfingsten, 2004)
- +Engel,G.L. The need for a new medical model: a challenge for biomedicine
- Science 196 (1977)129 – 36
- +Engel,K. Seidel,W.
- Myofasziale Dysfunktion als spezifische Ursache für Kreuzschmerzen
- Manuelle Med 53 (2015)266 - 9
- +Engel,K. Myofaszialen Dysfunktion in der S2k-Leitlinie Spezifischer Kreuzschmerz
- Manuelle Med 56 (2018)215 - 21
- +Engeler,D.S. Baranowski,A.P., Dinis-Oliviera,P., Elneil,S., Hughes,J., Messelink,E.J., van Ophoven,A., Williams,A.C.
- The 2013 EAU Guidelines on chronic pelvic pain: is management of chronic pelvic pain a habit, a philosophy, or a science? 10 years of development
- Eur Urol 64 (2013)431 - 9
- +Eno,J.J. Bellino,M., Bishop,J.
- The prevalence of sacroiliac joint degeneration in asymptomatic adults: a review of 500 CT-scans
- Proceedings of the 29<sup>th</sup> annual meeting of the North American Spine Society
- Spine J 14 (2014)11S: 11S
- Enomoto,M. Ukegawa,D., Sakaki,K. et al.

- Increase in paravertebral muscle activity in lumbar kyphosis patients by surface electromyography compared with lumbar spinal canal stenosis and healthy volunteers  
J Spinal Disord Tech 25 (2012)E167 - 73  
+Enthoven,P.  
Skargren,E.I., Kjellman,G., Öberg,B.E.
- The course of back pain in primary care: a prospective study of physical measures  
J Rehabil Med 35 (2003)168 – 73  
+Enthoven,P.  
Skargren,E., Öberg,B.  
Clinical course in patients seeking primary care for back or neck pain: a prospective 5-year follow-up of outcome and health care consumption with subgroup analysis  
Spine 29 (2004)2458 – 65  
+Enthoven,P.  
Skargren,E., Carstensen,J., Öberg,B  
Predictive factors for 1-year and 5 year outcome for disability in a working population of patients with low back pain treated in primary care  
Pain 122(2006)137 – 144
- Enzyme Nomenclature  
425. San Diego Academic Press (zit. Hoogendoorn et al., 2007)
- +Epel,E.S.  
Telomeres in a life-span perspective: a new “psychobiomarker”?  
Curr Dir Psychol Sci 18 (2009)6 – 10
- +Epping-Jordan,J.E.  
WahlgrenD.R., Williams,R.A., Pruitt,S.D., Slater,M., Patterson,T.L., Grant,I., Webster,J.S., Atkinson,J.H.  
Transition to chronic pain in men with low back pain: predictive relationships among pain intensity, disability, and depressive symptoms  
Health Psychol 17 (1998)421 – 7
- +Epstein-Sher,S.  
Jaffe,D.H., Lahad,A.  
Are they complying? Physicians knowledge, attitudes and readiness to change regarding low back pain treatment guideline adherence  
Spine 42 (2017)247 - 52

- +Ercelen,O.. Bulutcu,E., Öktenoglu,T., Sasani,M., Bozkus,H., Sarioglu,A.C., Özer,F.  
Radiofrequency lesioning using two different time modalities for the treatment of lumbar discogenic pain: a randomized trial  
*Spine* 28 (2003)1922 – 7 (zit Urrutia et al., 2007)
- +Erdine,S. Bilir,A., Cosman,E.Sr., Cosman,E.Jr.  
Ultrastructural changes in axons following exposure to pulsed radiofrequency fields  
*Pain Pract* 9 (2009)407 - 17
- +Erdine,S. De Andres,J.  
Drug delivery systems  
*Pain Practice* 6 (2006)51 - 7
- Erhard,R.E. Delitto,A., Cibulka,M.T.  
Relative effectiveness of an extension program and a combined program of manipulation and flexion and extension exercises in patients with acute low back pain.  
syndrome  
*Phys Ther* 74 (1994)1093 – 100 (zit. Bronfort et al., 2004)
- +Erick,P.N. Smith,D.R.  
A systematic review of musculoskeletal disorders among school teachers  
*BMC Musculoskeletal Disorders* 12 (2011)260
- +Eriksen,J. Jensen,M.K., Sjogren,P., Ekholm,O., Rasmussen,N.K.  
Epidemiology of chronic non-malignant pain in Denmark  
*Pain* 106 (2003)221 – 8
- +Eriksen,W. Natvig,B., Bruusgaard,D.  
Smoking, heavy physical work and low back pain: a four-year prospective study  
*Occup Med (Lond)* 49 (1999)155 – 60
- +Ernberg,M. Hedenberg-Magnusson,B., Alstergren,P., Kopp,S.

- The level of serotonin in the superficial masseter muscle in relation to local pain and allodynia  
Life Sci 65 (1999)313 – 25
- +Ernst,E.  
Complementary and alternative medicine in rheumatology  
Bailliere's Clin Rheumatol 14 (2000)731 - 49
- Ernst,E.  
Acupuncture: who is missing the point?  
Pain 109 (2004)203-4
- Ernst,E.  
Canter,P.H.  
A systematic review of systematic reviews of spinal manipulation  
J R Soc Med 99 (2006)189 – 93 (zit. Bronfort et al., 2008)
- +Ernst,E.  
Fialka,I.  
Konservative Therapie von Kreuzschmerzen. Teil 5 (Schluss): TENS, Akupunktur, Biofeedback, Traktion, Kryotherapie, Massagen und Ultraschall  
Fortschr Med 111 (1993)420 - 2
- +Ernst,E.  
Lee,M.S., Choi,T.Y  
Acupuncture: Does it alleviate pain and are there serious risks? A review of reviews  
Pain 152 (2011)755 - 64
- +Erpelding,N.  
Moayedi,M., Davis,K.D.  
Cortical thickness correlates of pain and temperature sensitivity  
Pain 153 (2012)1602 - 9
- +Erridge,C.  
Endogenous ligands of TLR2 and TLR4: agonists or assistance?  
J Leuc Biol 87 (2010)989 – 99
- +Ervilha,U.F.  
Arendt-Nielsen,L., Duarte,M., Graven-Nielsen,T.  
Effect of load level and muscle pain intensity on the motor control of elbow-flexion movements  
Eur J Appl Physiol 92 (2004)168 – 75
- +Erwin,W.A.  
Islam,D., Inman,R.D., Fehlings,M.G., Tsui,F.W.,

Notochordal cells protect nucleus pulposus cells from apoptosis: implications for the mechanisms of intervertebral disc degeneration

Proceedings of the 27<sup>th</sup> annual meeting of the North American Spine Society, Dallas, Texas, October 24 – 27, 2012

Spine J 12 (2012)Suppl.9: 43

+Erwin,W.M.

Islam,D., Eftekarpour,E., Inman,R.D., Karim,M.Z., Fehlings,M.G.

Intravertebral disc-derived stem cells. Implications for regenerative medicine and neural repair

Spine 38 (2013)211 - 6

Eschalier,A.

Kayser,V., Guilbaud,G.

Influence of specific 5-HT3 antagonists on carrageenan-induced hyperalgesia in rats

Pain 36 (1989)249 – 55 (zit. Kato et al., 2008)

+Eser,B.

Cora,T., Eser,O., Kalkan,E., Haktanir,A., Erdogan,M.O., Solak,M.

Association of the polymorphisms of vitamin D receptor and aggrecan genes with degenerative disc disease

Genet Test Mol Biomarkers 14 (2010)313 – 7

+Eskola,P.J.

Kjaer,P., Daavittila,J.M., Solovieva,S., Okuloff,A., Sorensen,J.S., Wedderkopp,N., Ala-Kokko,L., Männikkö,M., Karppinen,J.I.

Genetic risk factors of disc degeneration among 12 – 14-year-old Danish children: a population study

Int J Mol Epidemiol Genet 1 (2010)158 – 65

+Eskola,P.J.

Lemmelä,S., Kjaer,P., Solovieva,S., Männikkö,M., Tommerup,N., Lind-Thomsen,A., Husgafvel-Pursiainen,K., Cheung,K.M.C., Chan,D., Samartzis,D., Karppinen,J.

Genetic association studies in lumbar disc degeneration: a systematic review

PLoS One 7 (2012)11:e49995

+Eskola,P.J.

Männikkö,M., Samartzis,D., Karppinen,J.

Genome-wide association studies of lumbar disc degeneration – are we there yet?

- Spine J 14 (2014)479 - 82  
+Espejo,J.A. Garcia-Escudero,M., Oltra,E.  
Unraveling the molecular determinants of manual therapy:  
an approach to integrative therapeutics for the treatment of  
fibromyalgia and chronic fatigue syndrome/myalgic  
encephalomyelitis  
Int J Mol Sci 19 (2018)2673 doi: 10.3390/ijms.19092673
- (+)Espi-Lopez,G.V. Ruescas-Nicolau,M.A., Sanchez-Sanchez,M.L., Arnal-Gomez,A., Balasch-Bernat,M., Marques-Sule,E.  
Immediate changes after manual therapy in üpatients with  
persistent, nonspecific back pain: a randomized controlled  
trial  
Altern Ther Health Med (2018) pii: AT5564 (epub ahead of  
print) www.ncbi.nlm.nih.gov/pubmed/29428926
- +Esser,M. Auswirkungen eines Rumpfstabilisationstrainings bei Master-Schwimmern  
Sportverl Sportschad 31 (2017)93 - 102
- +Estevez,M. Gardner,K.L.  
Update of the genetics of migraine  
Hum Genet 114 (2004)225 – 35
- +Estlander,A.-M. Knaster,P., Karlsson,H., Kaprio,J., Kalso,E.  
Pain intensity influences the relationship between anger  
management style and depression  
Pain 140 (2008)387 - 92
- +Eswaran,S.K. Gupta,A., Adamas,M.F., Keaveny,T.M.  
Cortical and trabecular load sharing in the human  
vertebral body  
J Bone Miner Res 21 (2006)307 – 14
- Etienne-Manneville,S. Hall,A.  
Rho GTPases in cell biology  
Nature 420 (2002)629 – 35 (zit. Pavone et al., 2009)
- Eubanks,J.D. Lee,M.J., Cassinelli,E., Ahn,N.U.

- Prevalence of lumbar facet arthrosis and its relationship to age, sex, and race: An anatomic study of cadaveric specimens  
Spine 32 (2007)2058 - 62  
-Eulenburg,V.  
Armsen,W., Betz,H., Gomeza,J.
- Glycine transporters: essential regulators of neurotransmission  
Trend Biochem Sci 30 (2005)325 – 33 (zit. Centeno et al., 2009)  
+Eumann Mesas,A.  
Duran Gonzales,A., Eumann Mesas,C., Maffei de Andrade,S., Sanchez Magro,I., del Llano,J.
- The association of chronic neck pain, low back pain, and migraine with absenteeism due to health problems in Spanish workers  
Spine 39 (2014)1243 - 53  
Eun,J.-P.  
Ma,T.Z., Lee,W.J., Kim,M.G., Yoo,M.J., Koh,E.J., et al.
- Comparative analysis of serum proteomes to discover biomarkers for ossification of the posterior longitudinal ligament  
Spine 32 (2007)728 - 34  
European Commission  
COST Action B 13Management Committee. European guidelines for the prevention in low back pain  
<http://www.backpaineurope.org>
- +EuroQol Group  
EuroQol: a new facility for the measurement of health-related quality of life  
Health Policy 16 (1990)199 - 208  
Evans,B.J.  
Haskard,D.O., Sempowski,G., Landis,R.C.
- Evolution of the macrophage CD163 phenotype and cytokine profiles in a human model of resolving inflammation  
Int J Inflam (2013)780502 (zit. Nakazawa et al., 2018)  
+Evans,C.  
Point of view  
Spine 33 (2008)1517  
Evans,C. – n-  
Gilbert,J.R., Taylor,D.W., Hildebrand,A.
- A randomized controlled trial of flexion exercises, education and bed rest for patients with acute low back pain

- Physiother Can 39 (1987)96 – 101 (zit. Haigh & Clarke, 1999)
- +Evans,C.  
Oldrieve,W.  
A study to investigate whether golfers with a history of low back pain show a reduced endurance of transversus abdominus  
J Man Manip Ther 8 (2000)162 – 74
- +Evans,D.P.  
Burke,M.S., Lloyd,K.N., Roberts,E.E., Roberts,G.M.  
Lumbar spinal manipulation on trial: part I – clinical assessment  
Rheumatol Rehabil 17 (1978)46 – 53
- +Evans,D.P.  
Burke,M.S., Newcombe,R.G.  
Medicines of choice in low back pain  
Curr Med Res Opin 6 (1980)540 – 7
- +Evans,D.W.  
Mechanisms and effects of spinal high-velocity, low-amplitude thrust manipulation: previous theories  
J Manipulative Physiol Ther 25 (2002)251 – 62
- +Evans,D.W.  
Breen,A.C., Pincus,T., Sim,J., Underwood,M., Vogel,S., Foster,N.E.  
The effectiveness of a posted information package on the beliefs and behavior of musculoskeletal practitioners. The UK chiropractors, osteopaths, and musculoskeletal physiotherapists low back pain management (COMPLeMENT) randomized trial  
Spine 35 (2010)858 - 66
- Evans,J.H.  
Nachemson,A.L.  
Biomechanical study of human ligamentum flavum  
J Anat 105 (1969)188 -9 (zit. Kosaka et al., 2007, laut Bibliothek nicht im Jahr 1969 enthalten)
- +Evans,P.J.D.  
Narcotic addiction in patients with chronic pain  
Anesthesia 36 (1981)597 – 602
- +Evans,R.  
Haas,M., Schulz,C., Leininger,B., Hanson,L., Bronfort,G.  
Spinal manipulation and exercise for low back pain in adolescents: a randomized trial

- Pain 159 (2018)1297 - 1307  
+Evans,W.  
Jobe,W., Seibert,C.  
A cross sectional prevalence study of lumbar disc degeneration in a working population  
Spine 14 (1989)60 – 4
- +Evaskus,D.S.  
Laskin,D.M.  
A biochemical measure of stress in patients with myofascial pain-dysfunction syndrome  
J Dent Res 51 (1972)1464 – 6
- +Even,J.L.  
Chen,A.F., Lee,J.Y.  
Imaging characteristics of “dynamic” versus “static” spondylolisthesis: analysis using magnetic resonance imaging and flexion/extension films  
Spine J 14 (2014)1965 - 9
- +Ewen,B.  
Osteopathische Verfahren und osteopathischen Medizin. Ein manualmedizinisch-osteopathischer Werdegang in Verkettungen  
Manuelle Med 51 (2013)291 - 4
- +Everett,C.R.  
Patel,R.K.  
A systematic literature review on nonsurgical treatment in adult scoliosis  
Spine 32 (2007)19: 130 - 4
- +Everman,D.B.  
Robin,N.H.  
Hypermobility syndrome  
Pediatr Rev 19 (1998)111 – 7
- +Evermann,W.  
Effekte des elastischen Tapings bei ausgewählten funktionellen Beeinträchtigungen des muskuloligamentären Apparates  
Komplement Integr Med 49 (2008)10: 32 - 6
- Ewert,T.  
Limm,H., Wessels,T. et al.  
The comparative effectiveness of a multimodal program versus exercise alone for the secondary prevention of chronic low back pain and disability

Physical Med Rehab 1 (2009)798 - 808

- +Eyre,D.R. Muir,H.  
Types I and II collagens in intervertebral disc: interchanging radial distributions in annulus fibrosus  
Biochem J 157 (1976)267 – 70
- +Eyre,D.R. Muir,H.  
Quantitative analysis of type I and II collagen in human intervertebral disc at various ages  
Biochim Biophys Acta 492 (1977)29 – 42
- Ezzo,J. Haraldsson,B.G., Gross,A, Myers,C., Morien,A. et al.  
Massage for mechanical neck disorders  
Spine 32 (2007)353 – 362
- +Faas,A. Chavannes,A.W., van Eijk,J.T.M., Gubbels,J.W.  
A randomized placebo-controlled trial of exercise therapy in patients with acute low back pain  
Spine 18 (1993)1388 – 95
- +Faas,A. van Eijk,J.T.M., Chavannes,A.W., Gubbels,J.W.  
A randomized trial of exercise therapy in patients with acute low back pain. Effcacy on sickness absence  
Spine 20 (1995)941 – 7
- Faas,A. Chavannes,A.W., Koes,B.W. et al  
NHG-Standaard Lage-Rugpijn.  
Huisarts Wet 39 (1996)18 - 31  
(Practice guideline „low back pain“).  
Utrecht: Dutch College of General Practitioners (NHG)
- +Fabbretti,E. D'Arco,M., Fabbro,A., Simonetti,M., Nistri,A., Giniatullin,R.  
Delayed upregulation of ATP P2X3 receptors of trigeminal sensory neurons by calcitonin gene-related peptide  
J Neurosci 26 (2006)6163 – 71
- +Faber,E. Burdorf,A., Bierma-Zeinstra,S.M.A., Miedema,H.S., Koes,B.W.

- Determinants for improvement in different back pain measures and their influence on the duration of sickness absence  
Spine 31 (2006)1477 – 83
- +Fabre,V.  
Beaufour,C., Evrard,A., Rioux,A., Hanoun,N., Lesch,K.P., Murphy,D.L., Lanfumey,L., Hamon,M., Martres,M.P.
- Altered expression and functions of serotonin 5-HT1A and 5-HT1B receptors in knock-out mice lacking the 5-HT transporter  
Eur J Neurosci 12 (2000)2299 – 310
- +Fabricant,P.D.  
Heath,M.R., Schachne,J.M., Doyle,S.M., Green,D.W., Widmann,R.F.
- The epidemiology of back pain in american children and adolescents  
Spine 45 (2020)1135 - 42
- +Fagni,I.  
Agno,F., Perroy,J., Bockaert,J.  
Identification and functional roles of metabotropic glutamate receptor-interacting proteins  
Semin Cell Dev Biol 15 (2004)289 – 98
- +Fagundes Loss,J.  
de Souza da Silva,L., Ferreira Miranda,I., Groisman,S., Wagner Neto, E.S., Souza,C., Tarrago Candotti,C.
- Immediate effects of a lumbar spine manipulation on pain sensitivity and postural control in individuals with nonspecific low back pain  
Chiropr Man Ther 28 (2020)25 doi.org/10.1186/s12998-020-00316-7
- +Fahland,R.A.  
Kohlmann,T., Hasenbring,M., Feng,Y.S., Schmidt,C.O:  
Welcher Weg führt von chronischen Rückenschmerzen in die Depressivität? Eine Pfadanalyse zu direkten und indirekten Effekten unter Berücksichtigung des Kästrophisierens und der Hilf-/Hoffnungslosigkeit in einer Allgemeinbevölkerungsstichprobe  
Schmerz 26 (2012)685 - 91
- Fahrenberg,J.  
Die Freiburger Beschwerdeliste (FBL). Form FBL-G und revidierte Form FBL-R  
Testzentrale, Göttingen, 1994 (zit. Hardt & Brähler, 2007)

- +Failde,I. Gonzalez,J.L., Novalbos,J.P., Casais,F., Marin,J., Elorza,J.  
Psychological and occupational predictive factors for back pain among employees of an university hospital in southern Spain  
Occup Med 50 (2000)591 – 6
- Fairbank,J.C. The Oswestry low back pain disability questionnaire  
Physiotherapy 66 (1980)271-3 (zit. Fritz et al.,2001)
- Fairbank,J.C.T. Use and abuse of Oswestry Disability Index  
Spine 32 (2007)2787 - 9
- Fairbank,J. Point of view  
Spine 33 (2008)2458
- +Fairbank,J. Prolpsed intervertebral disc. Evidence supports surgery after eight weeks if symptom persists  
BMJ 336 (2008a)1317 - 8
- +Fairbank,J. Frost,J., Wilson-MacDonald,J., Yu,L.M., Barker,K., Collins,R.  
Randomized controlled trial to compare surgical stabilisation of the lumbar spine with an intensive rehabilitation programme for patient with low back pain: the MRC spinal stabilization trial  
Br Med J 330 (2005)1233 – 9
- +Fairbank,J. Gwilym,S.E., France,J.C., Daffner,S.D., Dettori,J., Hermsmeyer,J., Andersson,G.  
The role of classification of chromic low back pain  
Spine 36 (2011)21S: S19 – S42
- +Fairbank,J.C.T. Pynsent,P.B., van Poortfleit,J.A., Phillips,H.  
Influence of anthropometric factors and joint laxity in the incidence of adolescent back pain  
Spine 9 (1984)461 – 4
- +Fairbanks,C.A. Peterson,C.D., Speltz,R.H., Riedl,M.S., Kitto,K.F., Dykstra,J.A., Braun,P.D., Sadahiro,M., Salton,S.R., Vulchanova,L.  
The VGF-derived peptide TLQP-21 contributes to inflammatory and nerve injury-induced hypersensitivity  
Pain 155 (2014)1229 - 37

- +Fairhurst,M. Wiech,K., Dunckley,P., Tracey,I.  
Anticipatory brainstem activity predicts neural processing of pain in humans  
*Pain* 128 (2007)101 - 10
- +Falconer,M.A. McGeorge,M., Begg,A.C.  
Observations on the cause and mechanism of symptom production in sciatica and low back pain  
*J Neurol Neurosurg Psychiatry* 11 (1948)12 – 26
- Fanciullo,G.J. Ball,P.A., Girault,G., Rose,R.J., Hanscom,B., Weinstein,J.N.,  
An observational study on the prevalence and pattern of opioid use in 24.479 patients with spine and radicular pain  
*Spine* 27 (2002) 201 – 5 (zit. Vowles & Ashworth, 2011)
- +Falla,D. Gizzi,L., Erlenwein,J., Petzke,F.  
Reduced task-induced variations in the distribution of activity across back muscle regions in individuals with low back pain  
*Pain* 155 (2014)944 - 53
- +Fan,R. Gong,H., Qiu,S., Zhang,X., Fang,J., Zhu,D.  
Effects of resting modes on human lumbar spines with different levels of degenerated intervertebral discs: a finite element investigation  
*BMC Musculoskeletal Disord* 16 (2015)221
- +Fang,D. Kong,L.Y., Cai,J., Li,S., Liu,X.D., Han,J.S., Xing,G.G.  
Interleukin-6-mediated functional upregulation of TRPV1 receptors in dorsal root ganglion neurons through the activation of JAK/PI3K signaling pathways: roles in the development of bone cancer pain in a rat model  
*Pain* 156 (2015)1124 - 44
- +Fang,H. Huang,Y., Zuo,Z.  
The different responses of rat glutamate transporter type 2 and its mutants (tyrosine 403 to histidine) activity to volatile anesthetics and activation of protein kinase C  
*Brain Res* 953 (2002)255 – 64
- +Fang,M. Wang,Y., He,Q.H., Sun,X.Y., Deng,L.B., Wang,X.M., Han,J.S.

- Glia cell line-derived neurotrophic factor contributes to delayed inflammatory hyperalgesia in adjuvant rat pain model  
Neurosci 117 (2003)503 – 12  
+Fang,S.Y.  
ChenC.Y., Wu,E.C., Chang,C.M., Lin,K.M.
- Predictors oft the incidence and discontinuation of long- term use of benzodiazepines: a population based study  
Drug Alcohol Depend 104 (2009)140 – 6  
Fann,A.V.  
The prevalence of postural asymmetry in postural in people with and without chronic low back pain: a pilot study  
Arch Phys Med Rehabil 83 (2002)1736 – 8 (zit. Lipton & Carter, 2008)
- +Fanselow,M.S.  
Helmstetter,F.J.  
Conditional analgesia, defensive freezing, and benzodiazepines  
Behav Neurosci 102 (1988)233 – 43
- +Fanuele,J.C.  
Birkmeyer,N.J., Abdu,W.A., Tosteson,T.D., Weinstein,J.N.  
The impact of spinal problems on the health status of patients: have we underestimated the effect?  
Spine 25 (2000)1509 – 14
- (+)Farahpour,N.  
Jafarnezhadgero,A.A., Allard,P., Majlesi,M.  
Muscle activity and kinetics of lower limbs during walking in pronated feet individuals with and without low back pain  
J Electromyogr Kines 39 (2018)35 - 41
- +Farasyn,A.  
Übertragener Muskelschmerz ist primär peripheren Ursprungs: die Barrier-Dam-Hypothese  
Osteopathische Med 11 (2010)3: 4 - 10
- +Farasyn,A.  
Lassat,B.  
Cross friction algometry (CFA): Comparison of pressure pain thresholds between patients with chronic non-specific low back pain and healthy subjects  
J Bodyw Movem Ther 20 (2016)224 – 34
- +Farasyn,A.  
Meeusen,R.

- The influence of non-specific low back pain on pressure pain thresholds and disability  
Eur J Pain 9 (2005)375 – 81
- +Farasyn,A.  
Meeusen,R.  
Validity of the new backache index (BAI) in patients with low back pain  
Spine J 6 (2006)565 - 71
- +Farasyn,A.  
Meeusen,R., Nijs,J.  
Validity of cross-friction algometry procedure in referred muscle pain syndromes: Preliminary results of a new referred pain provocation technique with the aid of a Fischer pressure algometer in patients with nonspecific low back pain  
Clin J Pain 24 (2008)456 - 62
- Färber,L. et al.  
German Fibromyalgia Study Group: Short-term treatment of primary fibromyalgia with the 5-HT3 receptor antagonist tropisetron. Results of a randomized, double-blind, placebo-controlled multicenter trial in 418 patients  
Int J Clin Pharmacol Res 21 (2001)1 – 13 (zit. Christidis et al., 2007)
- +Fardon,D.F.  
Milette,P.C  
. Nomenclature and classification of lumbar disc pathology: recommendation of the combined task force of the North American Spine Society  
Spine 26 (2001)E 93 – 13
- +Fardon,D.F.  
Williams,A.L., Dohring,E.J., Murtagh,F.R., Rothman,G., Sze,G.K.  
Lumbar disc nomenclature: version 2.0. Recommendations of the combined forces of the North American Spine Society, the American Society of Spine Radiology and the American Society of Neuroradiology  
Spine J 14 (2014)2525 - 45
- Farfan,H.F.  
Form and function of the musculoskeletal system as revealed by mathematical analysis of the lumbar spine  
Spine 20 (1995)1462 – 74 (zit. Hansen et al., 2006)
- +Faridhosseini,F.  
Sadeghi,R., Farid,L., Pourgholami,M.

- Celecoxib, a new augmentation strategy for depressive mood episodes. A systematic review and meta-analysis of randomized, placebo-controlled trials  
Hum Psychopharmacol 29 (2014)163 – 79 (elektr.)  
+Farin,E.  
Gramm,L., Schmidt,E.
- The patient-physician relationship in patients with chronic low back pain as a predictor of outcomes after rehabilitation  
J Behav Med (2012) doi 10.1007/s10865-012-9419-z  
+Farina,D.  
Arendt-Nielsen,I., Merletti,R., Graven-Nielsen,D.
- Effect of experimental muscle pain on motor unit firing rate and conduction velocity  
J Neurophysiol 91 (2004)1250 – 9 (zit. Hodges, 2014)  
+Farina,S.  
Tinazzi,M., Le Pera,D., Valeriani,M.
- Pain-related modulation of the human motor cortex  
Neurol Res 25 (2003)130 – 42  
+Farmer,A.D.  
Coen,S.J., Kano,M., Paine,P.A., Shwahdi,M., Jafari,J., Kishor,J., Worthen,S.F., Rossiter,H.E., Kumari,V. und weitere 9 Autoren
- Psychophysiological responses to pain identify reproducible human clusters  
Pain 154 (2013)2266 - 76  
+Farooqi,A.  
Gibson,T.
- Prevalence of the major rheumatic disorders in the adult population of north Pakistan  
Br J Rheumatol 37 (1998)491 – 5  
+Farrar,J.T.  
Cut-points for the measurement of pain: The choice depends on what you want to study (commentary)  
Pain 149 (2010)163 - 4  
+Farrar,J.T.  
Portenoy,R.K., Berlin,J.A., Kinman,J.L., Strom,B.L.
- Defining the clinical important differences in pain outcome measures  
Pain 88 (2000)287 – 94  
+Farrar,J.T.  
Pritchett,Y.L., Robinson,M., Prakash,A., Chappell,A.

The clinical importance of changes in the 0 to 10 numeric rating scale for worst, least, and average pain intensity: Analysis of data from clinical trials of duloxetine in pain disorders

J Pain 11 (2010)109 - 18

+Farrar,J.T.

Young Jr.,J.P., la Moreaux,L., Werth,J.L., Poole,R.M.

Clinical importance of changes in chronic pain intensity measures on a 11-point numerical pain rating scale

Pain 94 (2001)149 – 58

+Farrell,J.P.

Twomay,L.T.

Acute low back pain: comparison of two conservative treatment approaches

Med J Australia 1 (1982)160 – 4

+Farshad-Amacker,N.A.

Herzog,R.J., Hughes,A.P., Aichmair,A., Farshad,M.

Associations between lumbosacral transitional anatomy types and degeneration at the transitional and adjacent segments

Spine J 15 (2015)1210 - 6

+Fast,A.

Low back disorders: conservative management

Arch Phys Med Rehab 69 (1977)880-91

+Fast,A.

Shapiro,D., Ducommun,J., Friedmann,L.W., Bouklas,T., Floman,Y.

Low back pain in pregnancy

Spine 12 (1987)368 – 71

+Fath,R.

Antiphlogistische Schmerztherapie. Das Blutungsrisiko mindern.

Dt Ärztebl 107 (2010)A2123

+Fazal,A.

Yoo,A., Bendo,J.A.

Does the presence of the nerve root sedimentation sign on MRI correlate with the operative level in patients undergoing posterior lumbar decompression for lumbar stenosis

Spine J 13 (2013)837 - 42

-Fazzalari,N.L. et al.

Mechanical and pathologic consequences of induced concentric anular tears in an ovine model

Spine 26 (2001)2575 – 81 (zit. Pezowicz et al., 2006)

FDA Food and Drug Administration: Concept paper on pregnancy labelling summary on comments from a public hearing and model pregancy labeling based on recommendations, 1999

<http://www.fda.gov/ohrms/dockets/ac/99/transcpt/3516r1.doc> (zugriff 18.4.2010)

FDA Food and Drug Administration: Final printed labeling Tramadol Hydrochloride tablets 50 mg, 2002

[http://www.accessdata.fda.gov/drugsatfda\\_doc/label/2002/75968lbl.pdf](http://www.accessdata.fda.gov/drugsatfda_doc/label/2002/75968lbl.pdf) 25.6.2002 (zit. Vrrmani et al., 2010 mit Zugriff 22.9.2009)

FDA Food and Drug Administration: opioid analgetics, 2004

<http://www.fda.gov/ohrms/dockets/docets/05p-0144-cp00001-04-Attachment-03-vol1.pdf> (mit Zugriff vom 22.9.2009 zit. von Vermani et al., 2010).

FDA FDA announces important changes and additional warnings for COX-2 selective and non-selective non-steroidal anti-inflammatory drugs (NSAIDs). US Food and Drug Administration

Available at  
<http://www.fda.gov/cder/drug/advisory/COX2.htm> accessed August 3, 2005

FDA Foot and Druf Adminstration:Ultram ER (tramadol hydrochloride) extendet release tablets

[http://www.accessdata.fda.gov/drugsatfda\\_docs/label/2008/021692s005s007lbl.pdf](http://www.accessdata.fda.gov/drugsatfda_docs/label/2008/021692s005s007lbl.pdf) 21.3.2009 (Zugriff 17.4.2010)

+Feely,R.A. Yamamoto new sclp acupuncture (YNSA) acupoint frequency in the treatment of herniated lumbar disk, lumbar radiculopathy, and mechanical low back pain

Med Acupuncture 16 (2005)20 - 3

+Feeney,B.C. A secure base: responsive support of goal strivings and exploration in adult intimate relationship

J Pers Soc Psychol 87 (2004)631 – 48

Feeney,J.A. Noller,P.

Adult attachment

- Sage Publications, Inc., 1996 (so zit. Meredith et al., 2006)
- +Feffer,H.L.  
Therapeutic intradiscal hydrocortisone. A long-term study  
*Clin Orth* 67 (1967)100 – 4
- +Fehlings,M.G.  
Nater,A., Skelly,A., McGirt,M., Mroz,T.  
Introduction to focus issue  
*Spine* 39 (2014)22S: S1 – S2
- +Fehrmann, E.  
Psychologische und psychotherapeutische Interventionen bei Patienten mit Rückenschmerzen  
*Manuelle Med* 54 (2016)40 - 5
- +Fehrmann,E.  
Tuechler,K., Kienbacher,T., Mair,P., Spreitzer,J., Fischer,L., Kollmitzer,J., Ebenbichler,G.  
Comparisons in muscle function and training rehabilitation outcomes between avoidance-endurance model subgroups  
*Clin J Pain* 33 (2017)912 - 20
- +Feigl,G.C.  
Mattersberger,C., Rosmarin,W., Likar,R., Avila Gomzales,C.  
Lumbale CT-gezielte Radiofrequenzablationen des Ramus medialis rami dorsalis nervi spinalis. Anatomische Untersuchung und Beschreibung einer neuen Technik  
*Schmerz* 32 (1918)99 - 104
- +Feinstein,B.  
Langton,J.N.K., Jameson,R.M., Schiller,F.  
Experiments on pain referred from deep somatic tissues  
*J Bone Joint Surg Am* 35 (1954)981 – 97
- +Fejer,R.  
Leboeuf-Yde,C.  
Does back and neck pain become more common as you get older? A systematic literature review  
*Chiropr Man Ther* 20 (2012)24
- +Fekete,T.F.  
Haschtmann,D., Kleinstück,F.S., Porchet,F., Jeszenszky,D., Mannion,A.F.  
What level of pain are patients happy to live with after surgery for lumbar degenerative disorders  
*Spine J* 16 (2016)S12 – S16
- +Feldker,K.  
Notzon,S.

Angst und Panik. Funktionelle Netzwerke und therapeutische Perspektiven

Nervenheilkd 38 (2019)528 - 36

+Feldman,D.E.

Rossignol,M., Shrier,I., Abenhaim,L.

A risk factor for the development of low back pain in adolescents

Spine 24 (1999)2492 – 6

+Feldman,D.E.

Shrier,I., Rossignol,M., Abenhaim,L.

Risk factors for the development of low back pain in adolescents

Am J Epidemiol 154 (2001)30 – 6

+Felicio,D.C.

Pereira,D.S., de Queiroz,B.Z., da Silva,J.P., Leopoldino,A.A.O., Pereira, L.S.M.

Kinesiophobia nis not associated with disability in elderly women with acute low back pain: Back Complaints in the Elders (BACE) Brazil study results

Spine J 16 (2016)619 - 25

+Felicio,D.C.

Pereira,D.S., Diz,J.B.M., de Queiroz,B.Z., da Silva,J.P., Leopoldino,A.A.O., Pereira,L.S.M:

Anterior trunk mobility does not predict disability in elderly women with acute low back pain. Brazilian back complaints in the elders (BACE-Brazil Study results)

Spine 42 (2017)1552 - 8

+Felson,D.T.

Osteoarthritis of the knee

N Engl J Med 354 (2006)841 – 8

+Felson,D.T.

Lawrence,R.C., Dieppe,P.A., Hirsch,R., Helmick,C.G., Jordan,J.M. und weitere 14 Autoren

Osteoarthritis: new insights. Part I: the disease and its risk factors

Ann Intern Med 133 (2000)635 – 46

+Felson,D.T.

Chaisson,C., Hill,C., Totterman,S., Gale,E., Skinner,K., Kazis,L., Gale,D.R.

The association of bone marrow lesions with pain in knee osteoarthritis

Ann Intern Med 134 (2001)541 – 9

Fendt,M.

Fanselow,M.S.

The neuroanatomical and neurochemical basis of conditioned fear

Neurosci Biobehav Rev 23 (1999)743 – 60 (zit. Klossika et al., 2006)

+Feng,Z.

Liu,Y., Yang,G., Battie,M.C., Wang,Y.

Lumbar vertebralendplate defects on magnetic resonance images. Classification, distribution patterns and associations with Modic changes and disc degeneration

Spine 43 (2018)919 - 27

+Ferguson,R.J.

McMaster,J.H., Stanitzki,C.L.

Low back pain in college football linemen

J Sports Med 2 (1974)63 – 9

+Ferguson,S.A.

Marras,W.S., Burr,D.L., Woods,S., Mendel,E., Gupta,P.

Quantification of a meaningful change in low back functional impairment

Spine 34 (2009)2060 – 65

+Ferguson,S.J.

Ito,K., Nolte,L.P.

Fluid flow and convective transport of solutes within the intervertebral disc

J Biomech 37 (2004)213 – 21

+Fernandes,E.C.

Luz,L.L., Mytakhir,O., Lukoyanov,N.V., Szucs,P., Safronov,B.V.

Diverse firing propertiesand A beta-, A delta- and C-afferent inputs of small local circuit neurons in spinal lamina I

Pain 157 (2016)475 - 87

+Fernandes,E.C.

Santos,I.C., kokai,E., Luz,L.L., Szucs,P., Safronov,B.V.

Low- and high-threshold primary afferent inputs to lamina III antenna-type neurons

Pain 159 (2018)2214 - 22

+Fernandez,M.

Colodro-Conde,L., Hartvigsen,J., Ferreira,M.L., Refshauge,K.M., Pinheiro,M.B., Ordonana,J.R., Ferreira,P.H.

Chronic low back pain and the risk of depression or anxiety symptoms: insights from a longitudinal twin study

Spine J 17 (2017)905 - 12

+Fernandez,M.

Hartvigsen,J., Ferreira,M.L., Refshauge,K.M., Machado,A.F., Lemes,I.R., Maher,C.G., Ferreira,P.H.

Advice to stay active or structured exercise in the management of sciatica

Spine 40 (2015)1457 - 66

+Fernandez-Carnero,J.

Ge,H.J., Kimura,Y., Fernandez-de-la-Penas,C., Arendt-Nielsen,L.

Increased spontaneous electrical activity at a latent myofascial trigger point after nociceptive stimulation of another latent trigger point

Clin J Pain 26 (2010)138 - 43

+Fernandez-de-la-Penas,C.

Alonso-Blanco,C., Hernandez-Barrera,V., Palacios-Cena,D., Jimenez-Garcia,R., Carrasco-Garrido,P.

Has the prevalence of neck pain and low back pain changed over the last 5 years? A population-based national study in Spain

Spine J 13 (2013)1069 - 76

+Fernandez-Duenas,V.

Sanchez,S., Planas,E., Poveda,R.

Adjuvant effect of caffeine on acetylsalicylic acid anti-nociception: Prostaglandin E2 synthesis determination in carrageenan-induced peripheral inflammation in rat

Eur J Pain 12 (2008)157 - 63

Fernandez-Tajes,S.

Soto-Hermida,A., Vazquez-Mosquera,M.E. et al

Genome-wide DNA methylation analysis of articular chondrocytes reveals a cluster of osteoarthritic patients

Ann Rheum Dis 2013 mar 16 (e pub befor of print)

+Fernihough,J.

Gentry,C., Bevan,S., Winter,J.

Regulation of calcitonine gene related peptide and TRPV1 in a rat model of osteoarthritis

Neurosci Lett 388 (2005)75 – 80

+Ferrante,F.M.

Bearn,L., Rothrock,R., King,L.

- Evidence against trigger point injection technique for the treatment of cervicothoracic myofascial pain with botulinum toxin type A  
Anesthesiology 105 (2005)377 – 83 105 (2005)377 – 83  
+Ferrara,L.  
Triano,J.J., Sohn,M.J., Song,E., Lee,D.D.
- A biomechanical assessment of disc pressures in the lumbosacral spine in response to external unloading forces  
Spine J 5 (2005)548 – 553  
+Ferrari,D.  
Chiozzi,P., Falzoni,S., Hanau,S., di Virgilio,F.
- Purinergic modulation of interleukin-1 beta release from microglial cells stimulated by bacterial endotoxin  
J Exp Med 185 (1997)579 – 82  
+Ferrari,L.F..  
Levine,J.D.
- Alcohol consumption enhances antiretroviral painful peripheral neuropathy by mitochondrial mechanisms  
Eur J Neurosci 32 (2010)811 – 8  
+Ferrari,L.F..  
Chum,A., Bogen,O., Reichling,D.B., Levine,J.D.
- Role of drp1, a key mitochondrial fission protein, in neuropathic pain  
J Neurosci 31 (2011)11404 – 10  
+Ferrari,S.  
Chiarotto,A., Pellizzer,M., Vanti,C., Monticone,M.
- Pain self-efficacy and fear of movement are similar associated with pain intensity and disability in Italian patients with chronic low back pain  
Pain Pract 16 (2016)1040 - 7  
+Ferreira,M.L.  
Ferreira,P.H., Latimer,J., Herbert,R.D., Hodges,P.W., Jennings,M.D., Maher,C.G., Refshauge,K.M.
- Comparison of general exercise, motor control exercise and spinal manipulative therapy for chronic low back pain  
Pain 131 (2007)31 - 7  
+Ferreira,M.L.  
Ferreira,P.H., Latimer,J., Herbert,R.D., Maher,C.G.
- Does spinal manipulative therapy help people with chronic low back pain

- Aust J Physiother 48 (2002)277 – 84  
+Ferreira,M.L. Ferreira,P.H., Latimer,J., Herbert,R.D., Maher,C.G.  
Efficacy of spinal manipulative therapy for low back pain of less than three month duration  
J Manipulative Physiol Ther 26 (2003)593 - 601
- +Ferreira,M.L. Ferreira,P.H., Latimer,J., Herbert,R.D., Maher,C., Refshauge,K.  
Relationship between spinal stiffness and outcome in patatients with chronic low back pain  
Man Ther 14 (2009)61 – 7
- +Ferreira,M.L. Herbert,R.D., Ferreira,P.H., Latimer,J., Ostelo,R.W., Grotle,M., Barrett,B.  
The smallest worthwhile effect of nonsteroidal anti-inflammatory drugs and physiotherapy for chronic low back pain: a benefit-harm trade-off study  
J Clin Epidemiol 66 (2013)1397 – 1404
- +Ferreira,P.H. Ferreira,M.L., Maher,C.G., Refshauge,K., Herbert,R.D., Latimer,J.  
Effect of applying different “levels of evidence” criteria on conclusions of Cochrane reviewsof interventions for low back pain  
J Clin Epidemiol 55 (2002)1126 – 9
- +Ferreira,P.H. Ferreira,M.L., Maher,C.G., Herbert,R.D., Maher,C.G., Refshauge,K.  
Specific stabilisation exercise for spinal and pelvic pain: a systematic review  
Aust J Physiother 52 (2006)79 – 88
- +Ferreira,S.H. Lorenzetti,B.B., Bristow,A.F., Poole,S.,  
Interleukin-1 beta as a potent hyperalgesic agent antagonized by a tripeptide analogue  
Nature 334 (1988)698 – 700
- +Ferrington,D.G. Sorkin,L.S., Willis,Jr.W.D.  
Responses of spinothalamic tract cells in the superficial dorsal horn of the primate lumbar spinal cord  
J Physiol 388 (1987)681 – 703

- (-)Ferrell,M.C. The spine in swimming  
Clin Sports Med 18 (1998)389 – 93 (zit Esser, 2017)
- +Ferrini,F. Salio,C., Vergnano,A.M., Merighi,A.  
Vanilloid receptor – 1 (TRPV1)-dependent activation of inhibitory transmission in spinal substantia gelatinosa neurons of mouse  
Pain 129 (2007)195 – 209
- +Fersum,K.V. Dankaerts,W., O'Sullivan,P.B., Maes,J., Skouen,J.S., Bjordahl,J.M., Kvale,A..  
Integration of sub-classification strategies in RCT's evaluating manual therapy treatment and exercise therapy for non-specific chronic low back pain (NSCLBP): a systematic review  
Br J Sports Med 44 (2010)1054 - 62
- +Fersum,K.V. O'Sullivan,P.B., Kvale,A., Skouen,J.S.  
Inter-examiner reliability of a classification system for patients with non-specific low back pain  
Man Ther 14 (2009)555 – 61
- +Fersum,K.V. O'Sullivan,P.O., Skouen,J.S., Smith,A., Kvale,A.  
Efficacy of classification-based cognitive functional therapy in patients with non-specific chronic low back pain: A randomized controller trial  
Eur J Pain 17 (2013)916 – 28 (zit. Schroeder et al., 2015)
- Festa,F. Datillio,M., Vecchiet,F.  
Effects of horizontal oscillation of the mandible on the spinal column of the rat in vivo using radiographic monitoring  
Ortognatodonzia Ital 6 (1997)539 – 550 (zit. Obert et al., 2012)
- Fett,D. Trompeter,K., Platen,P.  
Back pain in elite sports: a cross sectional study on 1114 athlets  
PLoS One 12 (2017)e0180130  
[doi.org/10.1371/journal.pone.0180130](https://doi.org/10.1371/journal.pone.0180130)
- Feuerstein,M. Beattie,P.

- Biobehavioral factors affecting pain and disability in low back pain  
Phys Ther 75 (1995)267 – 80 (zit. Beattie et al., 2004)
- +Feuerstein,M.  
Hartzell,M., Rogers,H., Marcus,S.C.  
Evidence-based practice for acute low back pain in primary care. Patients outcome and costs of care.  
Pain 124 (2006)140 – 9
- +Fialka-Moser,V.  
Uher,E.M., Lack,W.  
Haltungsstörungen bei Kindern und Jugendlichen  
Wien Med Wochenschr 144 (1994)577 – 92
- Fick,D.M. et al.  
Updating the Beers criteria for potentially inappropriate medication in older adults: results of an US consensus panel of experts  
Arch Intern Med 163 (2003)2716 – 24 (zit. Berger et al., 2007)
- +Field,E.  
Abdel-Moty,E., Loudon,J.  
The effect of back injury and load on ability to replicate a novel posture  
J Back Musculoskeletal Rehab 8 (1997)199 – 207
- +Field,M.J.  
Bramwell,S., Hughes,J., Singh,L.  
Detection of static and dynamic components of mechanical allodynia in rat models of neuropathic pain: are they signalled by distinct primary sensory neurons?  
Pain 83 (1999)303 – 11
- +Field,M.J.  
Cox,P.J., Stott,E., Melrose,H., Offord,J., Su,T.Z., Bramwell,S., Corradini,L., England,S., Winks,J., Kinloch,R.A., Hendrich,J., Dolphin,A.C., Webb,T., Williams,D.  
Identification of the alpha2-delta1 subunit of the voltage-dependent calcium channels as a molecular target for pain mediating the analgesic actions of Pregabalin  
Proc Natl Acad sci USA 103 (2006)17537 – 42
- Field,T.  
Diego,M., Hernandez-Reif,M.  
Moderate pressure is essential for massage therapy effects  
Int J Neurosci 120 (2010)381 – 5 (zit Espejo et al., 2018)

- Field,T.  
Hernandez-Reif,M., Diego,M., Schanberg,S., Kuhn,C.  
Cortisol decreases and serotonin and dopamin increase following massage therapy  
*Int J Neurosci* 115 (2005)1397 – 1413 (zit. Espejo et al., 2018)
- +Fields,H.L.  
Pain modulation: expectation, opioid analgesia and virtual pain  
*Prog Brain Res* 122 (2000)245 – 53
- +Fields,H.I.  
Understanding how opioids contribute to reward and analgesia  
*Reg Anaest Pain Med* 32 (2007)242 – 6
- +Fields,H.L.  
Editorial: Should we be reluctant to prescribe opioids for chronic non-malignant pain?  
*Pain* 129 (2008)233 - 4
- +Fields,H.L.  
Pain and the primary somatosensory cortex (Commentary)  
*Pain* 153 (2012)742 - 3
- +Fields,H.L.  
Basbaum,A.L., Clanton,C.H., Anderson,S.D.  
Nucleus raphe magnus inhibition of spinal cord dorsal horn neurons  
*Brain Res* 126 (1977)441 – 53
- +Fields,H.L.  
Basbaum,A.I.  
Brainstem control of spinal pain-transmission neurons  
*Annu Rev Physiol* 40 (1978)217 – 48
- Fields,H.L.  
Basbaum,A.L.  
Central nervous system mechanism of pain modulation. In: Wall,P.D., Melzack,R. (eds.) *Textbook of pain*. New York: Churchill Livingstone, 1999, p.243 – 57
- +Fields,H.L.  
Bry,J., Hentall,I., Zorman,G.  
The activity of neurons in the rostral medulla of the rat during withdrawal from noxious heat  
*J Neurosci* 3 (1983a)2545 – 52
- +Fields,H.L.  
Emson,P.C., Leigh,B.K., Gilbert,R.F.T., Iversen,L.L.

- Multiple opiate receptor sites on primary afferent fibers  
Nature 284 (1980)351 – 3
- +Fields,H.L.  
Heinricher,M.M., Mason,P.  
Neurotransmitters in nociceptive modulatory circuits  
Annu Rev Neurosci 14 (1991)219 – 45
- +Fields,H.L.  
Malick,A., Burstein,R.  
Dorsal horn projection targets og ON and OFF cells in the rostral ventrolateral medulla  
J Neurophysiol 74 (1995)1742 – 59
- +Fields,H.L.  
Vanegas,H., Hentall,I.D.  
Evidence that disinhibition of brain stem neurons contributes to morphine analgesia  
Nature 306 (1983b)684 – 6
- Fields,R.D.  
Effects of ion channel activity on development of dorsal root ganglion neurons  
J Neurobiol 37 (1998)158 – 70 (zit. Ito et al., 2007)
- +Filitz,J.  
Ihmsen,H., Günther,W., Tröster,A., Schwilden,H., Schüttler,J., Koppert,W.  
Supra-addictive effects of tramadol and acetaminophen in a human pain model  
Pain 136 (2008)262 – 70
- +Filler,A.G.  
Haynes,J., Jordan,S.E., Prager,J., Villablanca,P., Farahani,K., McBride,D.Q., Tsuruda,J.S., Morisoli,B., Batzdorf,U., Johnson,J.P.  
Sciatica of non-disc origin and piriformis syndrome: diagnosis by magnetic resonance neurography and interventional magnetic resonance imaging with outcome study of resulting treatment  
J Neurosurg Spine 2 (2005)99 – 115
- +Fillingim,R.B.  
Heritability of catastrophizing: the biopsychosocial model in action (commentary)  
Pain 156 (2015)357 - 8
- +Fillingim,R.B.  
Doleys,D.M., Edwards,R.R., Lowery,D.

- Clinical characteristics of chronic back pain as a function of gender and oral opioid use  
Spine 28 (2003)143 – 50  
+Fillingim,R.B.  
Kaplan,L., Staud,R., Ness,T.J., Glover,T.L., Campbell,C.M., Mogil,J.S., Wallace,M.R.
- The A118G single nucleotide polymorphism of the mu-opioid receptor gene (OPRM1) is associated with pressure pain sensitivity in humans  
J Pain 6 (2005)159 – 94  
+Finestone,A.S.  
Raveh,A., Mirivsky,Y., Lahad,A., Milgrom,C.
- Orthopaedists' and family practitioners' knowledge of simple low back pain management  
Spine 34 (2009)1600 - 3  
+Finestone,H.M.  
Alfeeli,A., Fisher,W.A.
- Stress induced physiologic changes as a basis for the biopsychosocial model of chronic musculoskeletal pain. A new theory?  
Clin J Pain 24 (2008)767 - 75
- FIMM  
Reproducibility and validity studies of diagnostic procedures in manual/musculoskeletal medicine for low back pain patients  
Scientific Committee FIMM ([www.fimm-online.de](http://www.fimm-online.de))
- +Finan,P.H.  
Zautra,A.J., Davis,M.C., Lemery-Chalfant,K., Covault,J., Tennen,H.
- COMT moderates the relation of daily maladaptive coping and pain in fibromyalgia  
Pain 152 (2011)300 - 7  
+Finch,P.M.  
Knudsen,L., Drummond,P.D.
- Reduction of allodynia in patients with complex regional pain syndrome: A double blind placebo-controlled trial of topical ketamine  
Pain 146 (2009)18 – 26  
+Fink,K.  
Dooley,D.J., Meder,W.P. et al.
- Inhibition of neuronal  $\text{Ca}^{2+}$  influx by gabapentin and pregabalin in the human neocortex

- +Fink,M.  
Wahling,K., Stiesch-Scholz,M., Tschernitschek,H.  
The functional relationship between the craniomandibular system, cervical spine and the sacroiliac joint: a preliminary investigation  
Cranio 21 (2003)2002 - 8
- +Finkel,J.C.  
Pukish,J.  
Molecular biology of opioid analgesia and its clinical considerations  
Clin J Pain 35 (2019)473 - 80
- Finn,C.  
Rehabilitation of low back pain in golfers: from diagnosis to return to sport  
Sports Health 5 (2013)4: 313 – 9 (zit. Pieber, 2018)
- +Finneran,M.T.  
Mazanec,D., Marsolais,M.E., Marsolais,E.B., Pease,W.S.  
Large-array surface electromyography in LBP: a pilot study  
Spine 28 (2003)1447 – 54
- +Finnern,M.M.  
Kleinböhl,D., Flor,H., Benrath,J., Hözl,R.  
Differential sensory and clinical phenotypes of patients with chronic widespread pain and regional musculoskeletal pain  
Pain 162 (2021)56 - 70
- +Finocchi,C.  
Ferrari,M.  
Female productive steroids and neuronal excitability  
Neurol Sci 32 (2011)Suppl1: 31 – 5
- First,M.B.  
Spitzer,R.L., Gibbon,M., Williams,J.B.W.  
Structured Clinical Interview for DSM-IV Axis I Disorders  
Arlington,VA: American Psychiatric Publishing; 1997 (zit. Poole et al., 2009)
- +Fischer,A.  
Pressure algometry over normal muscles. Standard values, validity and reproducibility of pressure threshold  
Pain 3 (1987)115 – 26
- +Fischer,L.  
Einfache Untersuchungs- und Injektionstechnik am Iliosakralgelenk

Erfahrungsheilkd (1999)3: 159 - 66

+Fischgrund,J.

Rhyne,A.L., Yeung,C.A., Truumees,E., Anderson,D.G., Reynolds,J.B.,

Long-term outcomes following basivertebral nerve ablation for the treatment of chronic low back pain: five-year treatment results from a prospective randomized double-blind sham-controlled multicenter study

Proceedings of the 35 Annual Meeting of the North American Spine Society

Spine J 20 (2020) Suppl, S 6

[doi.org/10.1016/j.spinee.2020.05.114](https://doi.org/10.1016/j.spinee.2020.05.114)

+Fishbain,D.A.

Analgesic effects of antidepressants

J Clin Psychiatry 64 (2003)96 – 7

+Fishbain,D.A.

Bruns,D., Meyer,L.J., Lewis,J.E., Gao,J., Disorbio,J.M.

Exploration of affirmation of childhood molestation (sexual abuse) in chronic pain patients, acute pain patients, community patients with pain and community nonpatients without pain

Pain Pract 14 (2014)515 – 25

+Fishbain,D.A.

Buns,D., Meyer,L.J., Lewis,J.E., Gao,J., Disorbio,J.M.

Exploring the relationship of three medical entitlement beliefs and psychiatric/psychologic variables for acute and chronic pain patients

Pain Pract 15 (2015)518 - 29

+Fishbain,D.A.

Cutler,R., Rosomoff,H.L., Rosomoff,R.S.

Chronic pain-associated depression: antecedent or consequence of chronic pain. A review

Clin J Pain 13 (1997)116 – 37

+Fishbain,D.A.

Lewis,J.E., Gao,J.

Is there significant correlation between self-reported low back pain visual analogue scores and low back pain scores determined by pressure pain induction matching?

Pain Pract 13 (2013)358 - 63

+Fishbain,D.

Rosomoff,H., Rosomoff,R.

- Drug abuse, dependence and addiction in chronic pain patients  
Clin J Pain 8 (1992)77 – 85
- +Fishbein,W.I.  
Salter,I.C.  
The relationship between truck and tractor driving and disorders of the spine and supporting structures: report of a survey  
Ind Med Surg 19 (1950)444 – 5
- Fisher,C.  
.  
Bishop,P  
SPORT and the Canadian experience  
Spine J 7 (2007)263 - 5
- +Fisher,C.G.  
Wood,K.B.  
Introduction to and techniques of evidence-based medicine  
Spine 32 (2007)19S: S66 – 72
- +Fisher,J.  
Steele,J., Bruce-Low,S., Smith,D.  
Evidence based resistance training recommendations  
Med Sport 15 (2011)147 – 62
- Fisher,J.  
Steele,J., Smith,D.  
Evidence based resistance training recommendations for muscular hypertrophy  
Med Sport 17 (2013)217 – 35 (zit. Steele et al., 2015)
- +Fishman,L.M.  
Dombi,G.W., Michaelsen,C., Ringel,S., Rozbruch,J., Rosner,B.  
Piriformis syndrome: diagnosis, treatment, and outcome – a 10-year study  
Arch Phys Med Rehabil 83 (2002)295 – 301
- +Fishman,L.M.  
Schaefer,M.P.  
The piriformis syndrome is underdiagnosed  
Muscle Nerve 28 (2003)646 – 9
- +Fishman,L.M.  
Zybert,P.A.  
Electrophysiologic evidence of piriformis syndrome

- Arch Phys Med Rehabil 73 (1992)359 – 64 (zit. Cummings, 2000)
- +Fishman,S.M. Caneris,O.A., Bandman,T.B., Audette,J.F., Borook,D.  
Injection of the piriformis muscle by fluoroscopic and electromyographic guidance  
Reg Anesth Pain Med 23 (1998)554 – 9
- +Fisk,J.W. A controlled trial of manipulation in a selected group of patients with low back pain favouring one side  
NZ Med J 90 (1979)288 – 91
- Fisk,J.W. Baigner,M.L.  
Clinical and radiographic assessmentof leg length  
N Z Med J 81 (1975)477 – 80 (zit. ten Brinke et al., 1999)
- +Fitts,R.H. Riley,D.R., Widrick,J.J.  
Functional and structural adaptations of skeletal muscle to microgravity  
J Exp Biol 204 (2001)3201 – 8
- +Fitzgerald,C.M. Neville,C.E., Mallinson,T., Badillo,S.A., Hynes,C.K., Tu,F.F.  
Pelvic floor muscle examination in female chronic pelvic pain  
J Reproductive Med 56 (2011)117 - 22
- +Fitzgerald,G.A. Coxibs and cardiovascular disease  
N Engl J Med 351 (2004)1709 – 11
- +Fitzgerald,J. Newman,P.  
Degenerative spondylolisthesis  
J Bone Joint Surg Br 58 (1976)184 – 92 (zit. Jacobsen et al., 2007)
- +Fitzsimmons,D. Phillips,C.J., Bennett,H., Jones,M., Williams,N., Lewis,R., Sutton,A., Matar,H.E., Din,N., Burton,K., Nafees,S., Hendry,M., Rickard,I., Wilkinson,C.  
Cost-effectiveness of different strategies to manage patients with sciatica  
Pain 155 (2014)1318 - 27

- Flamme,C.H. Obesity and low back pain: biology, biomechanics and epidemiology  
Orthopäde 34 (2005)652 - 7 (zit. Schenk et al., 2006)
- +Flechtenmacher,J. Hoffmann,R., Kladny,A., Meurer,A., Schiltenwolf,M.  
Faktencheck Rücken der Bertelsmann Stiftung.  
Stellungnahme von BVOU und DGOU  
Orthop Unfallchir 7 (2017)10 – 4 und Manuelle Med 55 (2017)172 - 7
- Fleckenstein,J. Banzer,W.  
Das Dilemma mit den Metaanalysen am Beispiel Rückenschmerz – Stellungnahme des Wissenschaftszentrums der Deutschen Ärztegesellschaft für Akupunktur  
Dt Zeitschr Akupunkt 64 (2021)120 - 22  
[doi.org/10.1007/s42122-021-00363-y](https://doi.org/10.1007/s42122-021-00363-y)
- Fleckenstein,J. Irnich,D.  
Journal Club  
Dt Zschr Akup 53 (2010)3: 38 - 9
- +Fleckenstein,J. Schleip,R., Sachs,C., Driscoll,M., Shockett,S., Findley,T., Klingler,W.  
Faszienforschung: Qou vadis? Neue Wege in der Akupunktur  
Manuelle Med 56 (2018)447 - 52
- +Fleischhauer,M. Krebs,C.A.  
Das Verkettungssyndrom auf dem Weg zur tonischen Immobilität bzw. Schreckstarre. Eine Hypothese  
Manuelle Med 51 (2013)333 - 8
- +Fleischhauer,M. Krebs,C.A.  
Tonische Immobilität als häufige Ursach für funktionelle Störungen  
Osteopath Med 15 (2014)1: 27 - 33
- Fleiss,J.L. The design and analysis of clinical experiments  
New York, John Wiley & Sons, 1986 p. 1 – 32 (zit. Röhrig et al., 2009)
- +Fleming,R.K. Snider,K.T.

- Low back pain in rowers  
AAO J 20 (2010)2: 27 - 8
- +Flicker,P.I.  
Fleckenstein,J.L., Ferry,K., Payne,J., Ward,C., Mayer,T.,  
Prakey,R.W., Peshock,R.M.
- Lumbar muscle usage in chronic low back pain: magnetic  
resonance image evaluation  
Spine 18 (1993)582 – 6
- +Flor,H.  
The functional organization of the brain in chronic pain  
Prog Brain Res 129 (2000)313 – 22
- +Flor,H.  
New developments in the understanding and management of  
persistent pain  
Curr Opin Psychiatry 25 (2012)109 – 13
- +Flor,H.  
Birbaumer,N., Schugens,M.M., Lutzenberger,W.  
Symptom-specific psychophysiological responses in chronic  
pain patients  
Psychophysiology 29 (1992)452 – 60
- +Flor,H.  
Braun,C., Elbert,T., Birbaumer,N.  
Extensive reorganisation of primary somatosensory cortex in  
chronic back pain patients  
Neurosci Letters 224 (1997)5 – 8
- +Flor,H.  
Diers,M.  
Sensomotor training and cortical reorganization  
Neurorehabilitation 25 (2009)19 - 27
- +Flor,H.  
Fydrich,T., Turk,D.C.  
Efficacy of multidisciplinary pain treatment centers: a meta-  
analytic review  
Pain 49 (1992)221 – 30
- +Flor,H.  
Kerns,R.D., Turk,D.C.  
The role of spouse reinforcement, perceived pain, and  
activity levels of chronic pain patients  
J Psychosom Res 31 (1987)251 - 9

- +Flor,H. Knost,B., Birbaumer,N.  
Processing of pain- and body-related verbal material in chronic pain patients: central and peripheral correlates  
*Pain* 73 (1997)413 – 421
- +Flor,H. Rudy,T.E., Birbaumer,N., Streit,B., Schugens,M.M.  
Zur Anwendbarkeit des West-Haven-Yale Multidimensional Pain Inventory im deutschen Sprachraum  
*Schmerz* 4 (1990)82 – 7
- +Flor,H. Stolle,M.  
Lernen, Plastizität des Gehirns und Schmerz: Implikationen für die Behandlung  
*Nervenheilkunde* 25 (2006)445 - 51
- Flor,H. et al. Assessment of pain-related cognitions in chronic pain patients  
*J Psychosom Res* 31 (1993)251 – 9 (zit. Nicholas et al., 2006)
- +Flores,L. Gatchel,R.J., Polatin,P.B.  
Objectification of functional improvement after nonoperative care  
*Spine* 22 (1997)1622 – 33
- +Floyd,W.F. Silver,P.H.S.  
The function of erectors spinae muscles in flexion of the trunk  
*Lancet* (1951)133 – 43
- +Floyd,W. Silver,P.  
The function of erectors spinae muscles in certain movements and postures in man  
*J Physiol* 129 (1955)184 – 203
- +Flynn,T. Fritz,J.M., Whitman,J., Wainner,R., Magel,J., Rendeiro,R., Butler,B., Garber,M., Allison,S.  
A clinical prediction rule for classifying patient with low back pain who demonstrate short-term improvements with spinal manipulations  
*Spine* 27 (2002)2835 – 43

- +Foerster,O. The dermatomes in man  
Brain 56 (1933)1 – 39
- +Foley,P.L. Vesterinen,H.M., Laird,B.J., Sena,E.S., Colvin,L.A., Chandran,S., MacLeod,M.R., Fallo,M.T.  
Prevalence and natural history of pain in adults with multiple sclerosis: a review and meta-analysis  
Pain 154 (2013)632 - 43
- +Folkman,S. Lazarus,R.S.  
An analysis of coping in a middle-aged community sample  
J Health Soc Behav 21 (1980)219 – 39
- +Folli,F. Ghidella,S., Bonfanti,L., Kahn,C., Merighi,A.  
The early intracellular signaling pathway for the insulin/insulin-like growth factor family in the mammalian central nervous system  
Mol Neurobiol 13 (1996)155 – 83
- +Folstein,M.F. Folstein,S.E., McHugh,P.R.  
“Mini Mental State”. A practical method for grading the cognitive state of patients for the clinician  
J Psychiatr Res 12 (1975)189 – 98
- +Fonseca,J.E. Santos,M.J., Canhao,H. et al.  
Interleukin-6 as a key player in systemic inflammation and joint destruction  
Autoimmune Res 8 (2009)583 - 42
- +Ford,D. Bagnall,K.M., McFadden,K.D., Greenhill,B., Raso,J.  
Analysis of vertebral muscle obtained during surgery for correction of a lumbar disc disorder  
Acta Anat (Basel) 116 (1983)152 – 7
- +Ford,G.K. Finn,D.P.  
Clinical correlates of stress-induced analgesia: evidence from pharmacological studies  
Pain 140 (2008)3 – 7
- +Ford,G.K. Kieran,S., Dolan,K., Harhen,B., Finn,D.P.

- A role for the ventral hippocampal endocannabinoid system in fear-conditioned analgesia and fear responding in the presence of nociceptive tone in rats  
Pain 152 (2011)2495 - 2504
- +Ford,N.C.  
Ren,D., Baccei,M.L.
- NALCN channels enhance the intrinsic excitability of spinal projection neurons  
Pain 159 (2018)1719 - 30
- Fordyce,W.E.  
Behavioral methods for chronic pain and illness  
St.Louis, Mosby 1976
- Fordyce,W.E.  
Environmental factors in the genesis of low back pain. In: Bonica et al., ed., Advances in pain research and therapy, Vol .3, Proceedings of the 2<sup>nd</sup> World Congress of Pain, New York, NY, Raven Press, 1979, p. 659 – 66, (zit. Geissler et al., 2005)
- Fordyce,W.E.  
Back pain in the workplace  
IASP, Seattle, 1995, 1- 75 (zit. Gerwin et al., 2005)
- Fordyce,W.E.  
Shelton,J.L., Dundore,D.E.  
The modification of avoidance learning in pain behaviours  
J Behav Med 5 (1982)405 – 14
- +Fordyce,W.E.  
Brockway,J.A., Berman,J.A., Spengler,D.  
Acute back pain: a control-group comparison of behavioral versus traditional management methods  
J Behav Med 9 (1986)127 – 40
- +Forouzanfar,M.H.  
Sepanlou,S.G., Shahraz,S., Dicker,D., Naghavi,P., Pourmalek,F., Mokdad,A., Lozano,R., Vos,T., Asadi-Lari,M., Sayyari,A.A., Murray,C.J.L., Naghavi,M.  
Evaluating causes of death and morbidity in Iran, global burden of diseases, injuries and risk factors study 2010  
Arch Iran Med 17 (2014)304 – 20
- +Forsberg,J.T.  
Gjerstad,J., Flaten,M.A., Aslaksen,P.M.  
Influence of catechol-O-methyltransferase Val158Met on fear of pain and placebo analgesia  
Pain 159 (2018)168 - 74

- +Förster,M. Mahn,F., Baron,R.  
Die neuropathische Komponente beim chronischen Rückenschmerz  
Nervenheilkunde 31 (2012)147 - 53
- +Forte,M. Grundgedanken zur funktionellen Medizin  
Manuelle Med 47 (2009)418 - 22
- +Fortin,C. Grunstein,E., Labelle,H., Parent,S., Ehrmann-Feldman,D.  
Trunc imbalance in adolescent idiopathic scoliosis  
Spine J 16 (2016)687 - 93
- +Fortin,J.D. Aprill,C.N., Ponthieux,B., Pier,J.  
Sacroiliac joint: pain referral maps upon applying a new injection/arthrography technique. Part II: clinical evaluation  
Spine 19 (1994a)1483 - 9
- +Fortin,J.D. Dwyer,A.D., West,S., Pier,J.  
Sacroiliac joint: pain referral maps upon applying a new injection/arthrography technique. Part I: Asymptomatic volunteers  
Spine 19 (1994)1475 – 82
- +Fortin,J.D. Vilensky,J.A., Merkel,G.J.  
Can the sacroiliac joint cause sciatica?  
Pain Physician 6 (2003)269 – 71
- +Fosberg,K.K. Puentedura,E., Schmitz,B., Jain,T.K., Cleland,J.A.  
The effects of thrust joint manipulation on the resting and contraction thickness of transversus abdominis in patients with low back pain  
J Manipul Physiol Ther (2020)  
[doi.org/10.1016/j.jmpt.2019.04.006](https://doi.org/10.1016/j.jmpt.2019.04.006)
- +Foss,J.M. Apkarian,A.V., Chialvo,D.R.  
Dynamics of pain: fractal dimension of temporal variability of spontaneous pain differentiates between pain states  
J Neurophysiol 95 (2006)730 – 6

- +Fossat,P. Dobremez,E., Bouali-Benazzouz,R., Favereaux,A., Bertrand,S.S., Kilk,K., Leger,C., Cazalets,J.R., Langel,U., Landry,M., Nagy,F.  
Knockdown of T-calcium channel subtypes: differential effects in neuropathic pain  
*J Neurosci* 30 (2010)1073 – 85
- +Foster,D. John,D., Elliott,B., Ackland,T., Fitch,K.  
Back injuries to fast bowlers in cricket: a prospective study  
*Br J Sports Med* 23 (1989)150 – 4
- +Foster,L. Clapp,L., Erickson,M., Jabbari,B.  
Botulinum toxin A and chronic low back pain: a randomized, double blind study  
*Neurol* 56 (2001)1290 – 3
- (-)Foster,M.R. Piriformis syndrome  
*Orthopedics* 25 (2002)821 – 5 (zit. Chen & Nizar, 2013)
- +Foster,N.E. Barriers and progress in the treatment of low back pain  
*BMC Medicine* 9 (2011)108
- +Foster,N.E. Bishop,A., Thomas,E., Main,C., Horne,R., Weinman,J., Hay,E.  
Illness perceptions of low back pain patients in primary care: what are they, do they change and are they associated with outcome?  
*Pain* 136 (2008)177 – 87
- +Foster,N.E. Mullis,R., Hill,J.C., Lewis,M., Whitehurst,D.G.T., Doyle,C., Konstantinou,K., Main,C., Somerville,S., Sowden,G., Wathall,S., Young,J., Hay,E.M.:  
Effect of stratified care for low back pain in family practice (IMPACT Back): a prospective population-based sequential comparison  
*Ann Fam Med* 12 (2014)102 – 11
- +Foster,N.E. Mullis,R., Young,J., Doyle,C., Lewis,M., Whitehurst,D., Hay,E.M.,  
IMPACT Back study protocol. Implementation of subgrouping for targeted treatment systems for low back pain patients in primary care: a prospective population-based sequential comparison

- BMC Musculoskeletal Disorders 11 (2010)186  
+Foster,N.E. Thomas,E., Bishop,A., Dunn,K.M., Main,C.  
Distinctiveness of psychological obstacles to recovery in low back pain patients in primary care  
Pain 148 (2010)398 - 406
- +Foster,N.E. Thompson,K.A., Baxter,G.D., Allen,J.M.  
Management of nonspecific low back pain by physiotherapists in Britain and Ireland: a descriptive questionnaire of current and clinical practice  
Spine 24 (1999)1332 - 42
- +Fournier,D.R. Andersson,G., Arnold,P.M., Dettori,J., Cahana,A., Fehlings,M.G., Norvell,D., Samartzis,D., Chapman,J.R.  
Chronic low back pain: A heterogeneous condition with challenges for an evidence-based approach  
Spine 36 (2011)21Suppl. S1 – 9
- +Fournier,D.R. Dettori,J.R., Hall,H., Härtl,R., McGirt,M.J., Daubs,M.D.  
A systematic review of clinical pathways for lower back pain and introduction of the Saskatchewan Spine Pathway  
Spine 36 (2011a)21 Suppl.: S 164 - 71
- +Fowles,J.R. Sale,D.G., MacDougall,J.D.  
Reduced strength after passive stretch of the human plantarflexors  
J Appl Physiol 89 (2000)1179 – 88
- +Frägemann,K. Meyer,N., Meyer,N., Graf,B.M., Wiese,C.H.R.  
Interprofessionelle Lehre in der Schmerzmedizin. Möglichkeiten und Strategien für die Entwicklung eines professionsübergreifenden Curriculums im deutschsprachigen Raum  
Schmerz 26 (2012)369 - 82
- +Franca,E.J.R. Burke,T.N., Hanada,E., Marques,A.P.  
PB103: Evaluation of pain, functional capacity, and transversus abdominus activation in chronic low back pain  
Pain Pract 9 (2009)Suppl.1: 122



Arch Phys Med Rehab (2018) in press  
doi.org/10.1016/j.apmr.2018.04.027

- +Frank,A.  
Regular review: low back pain  
  
BMJ 306 (1993)901 – 9
- Frank,A.O.  
De Souza,L.H.  
Conservative management of low back pain  
  
Int J Clin Pract 55 (2001)21 – 31 (zit. Wynne-Jones et al., 2008)
- +Frank,J.  
Leserbrief: Ärztlicher Kunstfehler  
  
Dt Ärztebl 108 (2011)2287
- +Frank,J.S.  
Earl,M.  
Coordination of posture and movement  
  
Phys Ther 70 (1990)855 – 63
- +Franke,A.  
Gebauer,S., Franke,K., Brockow,T.  
  
Akupunkturmassage nach Penzel versus klassische  
Teilmassage und Einzel- versus Gruppenkrankengymnastik  
bei chronischen Rückenschmerzen – eine randomisierte,  
kontrollierte klinische Studie in 2x2-faktoriellem Design  
  
Forsch Komplementärmed Klass Naturheilkd 7 (2000)286 – 93
- Franke,G.H.  
SCL-90-R. Die Symptomcheckliste von Derogatis, Deutsche  
Version  
  
Beitz, Göttingen, 1995 (zit. Hardt & Brähler, 2007)
- Franke,H.  
Geschichte der Funktionellen Technik: Harold Hoover, Charles  
Bowles, William Johnston  
  
Osteopathische Med 7 (2006)2: 4 – 12
- +Franke,H,  
Why reservations remain: a critical reflection about the  
systematic review and meta-analysis “Osteopathic  
manipulative treatment for low back pain” by Licciardone et  
al  
  
J Bodywork Movm Ther 16 (2012)411 – 5
- +Franke,H.  
Osteopathie zur Therapie bei unspezifischen  
Rückenschmerzen. Kritische Anmerkungen zu den  
Ergebnissen des IGeL-Monitors  
  
Osteopath Med 21 (2020)1: 29 - 33

- +Franke,H. Franke,J.D., Belz,S., Fryer,G.  
 Osteopathic manipulative treatment for low back and pelvic girdle pain during and after pregnancy: a systemic review and meta-analysis  
*J Bodywork Movm Ther* 21 (2017)752 – 62
- +Franke,H. Franke,J.D., Belz,S., Fryer,G.  
 Osteopathie bei Rücken- und Beckengürtelschmerz während und nach der Schwangerschaft. Systematischer Review und Metaanalyse  
*Osteopath Med* 19 (2018)1: 11 – 8 (deutsche Übersetzung des o.g. Artikels)
- +Franke,H. Franke,J.D., Fryer,G.  
 Osteopathic manipulative treatment for nonspecific low back pain: a systematic review and meta-analysis  
*BMC Musculoskeletal Disord* 15 (2014)286
- +Franke,H. Franke,J.D., Fryer,G.  
 Kritische Betrachtung einer Besprechung  
*Manuelle Med* 53 (2015)229 - 230
- (-)Franke,H. Fryer,G., Ostelo,R.W.J.G., Kamper,S.J.  
 Muscle energy technique for non-specific low back pain. A Cochrane systematic review  
*Int J Osteopath Med* 20 (2016)41 – 52 ;  
[doi.org/10.1016/j.ijosm.2016.01.002](https://doi.org/10.1016/j.ijosm.2016.01.002)  
 Cochrane Database Syst Rev  
[doi.org/10.1002/14651858.CD009852.pub2](https://doi.org/10.1002/14651858.CD009852.pub2) (zit. v. Heymann & Klett, 2018)
- +Franke,J. Hesse,T., Tournier,C., Schuberth,W., Mawrin,C., le Huec,J.C., Grasshoff,H.  
 Morphological changes of the multifidus muscle in patients with symptomatic lumbar disc herniation  
*J Neurosurg Spine* 11 (2009)710 - 4
- +Frankel,B.S. Moffet,J.K., Keen,S., Jackson,D.  
 Guidelines for low back pain: changes in GP management  
*Fam Pract* 16 (1999)216 – 22

- +Franklin,G.M. Stover,B.D., Turner,J.A., Fulton-Kehoe,D., Wickizer,T.M.  
Early opioid prescription and subsequent disability among workers with back injuries: the disability risk identification study cohort  
Spine 33 (2008)199 – 204
- +Franklin,G.M. Rahman,E.A., Turner,J.A., Daniell,W.E., Fulton-Kehoe,D.  
Opioid use for chronic low back pain. A prospective, population-based study among injured workers in Washington state, 2002 – 2005  
Clin J Pain 25 (2009)743 – 51
- +Franklin,M.E. Chenier,T.C., Braunerger,L., Cook,H., Harris,S.  
Effects of positive heel inclination on posture  
J Orthop Sports Phys Ther 21 (1995)94 – 9
- Franson,R.C. Saal,J.S., Saal,J.A.  
Human disc phospholipase A2 is inflammatory  
Spine 17 (1992)Suppl. 6: S129 – 32
- +Franzetti,M. Dries,E., Stevens,B., Berkovitz,L., Yao,S.C.  
Support for osteopathic manipulative treatment inclusion in chronic pain management guidelines: a narrative review  
J Osteopath Med 121 (2021)307 -7 doi.org/10.1515/jom-2019-0284
- +Fraser,R.D. Something is amiss (commentary)  
Spine J 11 (2011)107 - 8
- +Freburger,J.K. Carey,T.S., Holmes,G.M.  
Physician referrals to physical therapists for the treatment of spine disorders  
Spine J 5 (2005)530 – 41
- +Freburger,J.K. Carey,T.S., Holmes,G.M., Wallace,A.S., Castel,L.D., Darter,J.D., Jackman,A.M.  
Exercise prescription for chronic back or neck pain: who prescribes it? Who gets it? What is prescribed?  
Arthritis Rheum 61 (2009)192 - 200

- +Freddolini,M. Strike,S., Lee,R.  
The role of trunk muscles in sitting balance control in people with low back pain  
*J Electromyogr Kinesiol* 24 (2014a)947 - 53
- +Freddolini,M. Strike,S., Lee,R.  
Dynamic stability of the trunk during unstable sitting in people with low back pain  
*Spine* 39 (2014)785 - 90
- +Frederick,T.J. Wood,T.L.  
IGF-1 and IGF-2 coordinately enhance cyclin D1 and cyclin E- cdk2 association and activity to promote G1 progression in oligodendrocyte progenitor cells  
*Mol Cell Neurosci* 25 (2004)480 – 92
- +Fredericson M Common injuries in runners. Diagnosis, rehabilitation and prevention.  
*Sports Med* 21 (1996)49–72.
- +Fredericson,M. Lee,S.U., Welsh,J., Butts,K., Norbush,A., Carragee,E.J.  
Changes in posterior disc bulging and intervertebral foraminal size associated with flexion-extension movement: a comparision between L 4-5 and L 5-S 1 levels in normal subjects  
*Spine J* 1 (2001)10 – 17
- +Fredericson,M. Misra,A.K.  
Epidemiology and aetiology of marathon running injuries  
*Sports Med* 37 (2007)437 - 9
- Fredheim,O.M.S. Borchgrevink,P.C., Klepstad,P., Kaasa,S., Dale,O.  
Long term methadone for chronic pain: a pilot study of pharmakokinetic aspects  
*Eur J Pain* 11 (2007)599 – 604
- +Fredheim,O.M.S. Borchgrevink,P.C., Mahic,M., Skurtveit,S.  
A pharmacoepidemiological study of subjects starting strong opioids for non-malignant pain. A study from the Norwegian Prescription Database

- Pain 154 (2013)2487 - 93  
+Fredrickson,B.E. Baker,D., McHolick,W.J., Yuan,H.A., Lubicky,J.P.  
The natural history of spondylolysis and spondylolisthesis  
J Bone Joint Surg Am 66 (1984)699 – 707
- +Freedman,B.A. Cohen,S.P., Kuklo,T.R., Lehman,R.A., Larkin,P., Giulani,J.R.  
Intradiscal electrothermal therapy (IDET) for chronic low back pain in active-duty soldiers. 2-year follow-up  
Spine J 3 (2003)502 – 9
- +Freedman,M.K. Hilibrand,A.S., Blood,E.A., Zhao,W., Albert,T.J., Vaccaro,A.R., Oleson,C.V., Morgan,T.S., Weinstein,J.N.  
The impact of diabetes on the outcomes of surgical and nonsurgical treatment of patients in the spine patient outcomes research trial  
Spine 36 (2011)290 - 307
- +Freeman,B.J.C. Fraser,R.D., Cain,C.M.J., Hall,D.J., Chapple,D.C.L.  
A randomized, double-blind, controlled trial: intradiscal electrothermal therapy versus placebo for the treatment of chronic discogenic low back pain  
Spine 30 (2005)2369 – 77
- +Freeman,B.J.C. Kuliwaba,J.S., Jones,C.F., Shu,C.C., Colloca,C.J., Zarrinkalam,M.R., Mulaibrahimovic,A., Gronthos,S., Zannetino,A.C.W., Howell,S.  
Allogenic mesenchymal precursor cells promote healing in postero-lateral annular lesions and improve indices of lumbar intervertebral disc degeneration in an ovine model  
Spine 41 (2016)1331 - 9
- +Freeman,B.J.C. Ludbrook,G.L., Hall,S., Cousisns,m:, Mitchell,B., Jaros,M., Wyant,M., Gorman,J.R.  
Randomized, double-blind, placebo-controlled, trial of transforaminal epidural etanercept for the treatment of symptomatic lumbar disc herniation  
Spine 38 (2013)1986 - 94
- +Freeman,M.D. Woodham,M.A., Woodham,A.W.,  
The role of the lumbar multifidus in chronic low back pain: a review

- Phys Med Rehabil (2010)2: 124 – 46 (so zit. Wong et al., 2013a).
- Freeman,W.J.  
The intentional nature of the consciousness of pain.  
Department of Molecular and Cell Biology. University of California, Berkeley,CA, 1999 (zit. Weiss & Milner, 2007)
- Freemont,A.J.  
The cellular pathobiology of the degenerative intervertebral disc and discogenic back pain  
  
Rheumatology (Oxford) 48 (2009)5 – 10 (zit Kepler et al. 2013)
- +Freemont,A.J.  
Peacock,T.E., Goupille,P., Hoyland,J.A., O'Brien,J., Jayson,M.I.V.  
  
Nerve ingrowth into diseased intervertebral disc in chronic back pain  
  
Lancet 350 (1997)178 – 81
- +Freemont,A.J.  
Watkins,A., Le Maitre,C., Baird ;P., Jeziorska,M., Knight,M.T.N., Ross,E.R.S., O'Brien,J.P., Hoyland,J.A.  
  
Nerve growth factor expression and innervation of the painful intervertebral disc  
  
J Pathol 197 (2002)286 – 92
- Freddolini,M.  
Strike,S., Lee,R.Y.W.  
  
The role of trunk muscles in sitting balance control in people with low back pain  
  
J Electromyogr Kinesiol 24 (2014)947 - 53
- +Freidin,M.B.  
Tsepilov,Y.A., Palmer,M., Karssen,L.C., Suri,P., Aulchenko,Y.S., Williams,F.M.K.  
  
Insight into the genetic architecture of back pain and its risk factors from a study of 509,000 individuals  
  
Pain 160 (2019)1361 - 73
- +Freidin,M.B.  
Tsepilov,Y.A., Stanaway,I.B., Meng,W., Hayward,C., Smith,B.H., Khoury,S., Parisien,M. und weitere 9 Autoren  
  
Sex- and age-specific genetic analysis of chronic back pain  
  
Pain 162 (2021)1176 – 87  
[doi.org/10.1097/j.pain.0000000000002100](https://doi.org/10.1097/j.pain.0000000000002100)
- +Freitas,A.L.  
DowneyG.  
  
Resilience: a dynamic perspective

- Int J Behav Dev 22 (1998)263 – 85
- +Freiwald,J.  
Engelhard,M  
Neuromuskuläre Dysbalancen in Medizin und Sport
- Dt Z Sportmed 47 (1996)99 - 106
- +Freiwald,J.  
Engelhardt,M., Konrad,P., Jäger,M., Gnewuch,A.  
Dehnen. Neuere Forschungsergebnisse und deren praktische Umsetzung
- Manuelle Medizin 37 (1999)3 - 10
- Freiwald,J. et al.  
Die Messung der Muskulatur mittels isokinetischer und kombinierter elektromyographischer Messstationen  
In: Zichner,L., Engelhard,M., Freiwald,J. (Hrsg.): Die Muskulatur. Wehr: Ciba – Geigy – Verlag, 1994 (zit. Renkawitz et al., 2006)
- +French,S.D.  
Cameron,M., Walker,B.F., Reggars,J.W., Esterman,A.J.  
A Cochrane review of superficial heat or cold for low back pain  
Spine 31 (2006)998 - 1006
- +French,S.D.  
Green,S., Forbes,A.  
Reliability of chiropractic methods commonly used to detect manipulatable lesions in patients with chronic low back pain  
J Manipulative Physiol Ther 23 (2000)231 – 8
- +French,S.D.  
McKenzie,J.E., O'Connor,D.A., Grimshaw,J.M., Mortimer,D., Francis,J.J., Michie,S., Spike,N., Schaffner,P., Kent,P., Buchbinder,R., Page,M.J., Green,S.E  
Evaluation of a theory-informed implementation intervention for the management of acute low back pain in general medical practice  
PLoS One 8 (2013)e65471 (nur Internet)
- +French,S.D.  
Nielsen,M., Hall,L., Nicolson,P.J.A., van Tulder,M., Benell,K.L., Hinman,R.S., Maher,C., Jull,G., Hodges,P.W.  
Essential key messages about diagnosis, imaging, and self-care for people with low back pain: a modified Delphi study of consumer and expert opinions  
Pain 12 (2019)2787 - 97

- +Freiberg,A.H. Sciatic pain and its relief by operations on the muscle and fascia  
Arch Surg 34 (1937)337 – 50
- +Freiberg,A.H. Vinke,T.H. Sciatica and the sacro-iliac joint  
J Bone Joint Surg Am 16 (1934)126 – 36
- +Frerick,H. Keitel.,W., Kuhn,U.,Schmidt,S., Bredehorts,A., Kuhlmann,M. Topical treatment of low back pain with a capsicum plaster  
Pain 106 (2003)59 – 64
- Freund,B.J. Schwartz,M.
- . Treatment of whiplash associated neck pain with bozulinum toxin-A: A pilot study  
J Rheumatol 27 (2000)481 – 4 (zit. Ho & Tan, 2007)
- +Frew,A.K. Drummond,P.D. Stress-evoked opioid release inhibits pain in major depression disorder  
Pain 139 (2008)284 - 92
- +Frey Law,L. Sluka,K.A. How does physical activity modulate pain? Commentary  
Pain 158 (2017)369 - 70
- +Frey Law,L.A. Sluka,K.A., McMullen,T., Lee,J., Arendt-Nielsen,L., Graven-Nielsen,T. Acidic buffer induced muscle pain evokes referred pain and mechanical hyperalgesia in humans  
Pain 140 (2008)254 - 64
- +Freynhagen,R. Rolke,R., Baron,R., Tölle,T.R., Rutjes,A.K., Schu,S., Treede,R.-D. Pseudoradicular and radicular low-back pain – A disease continuum rather then different entities? Answers from quantitative sensory testing  
Pain 135 (2008)65 - 74

- +Freyberg,A. Quitzler,R., Freitag,M., Bickel,H., Fuchs,A., Hansen,H., Hoefels,S., König,H.H. und weitere 9 Autoren  
Gebrauch und potenzielle Risiken durch nicht verschreibungspflichtige Schmerzmittel  
Schmerz 28 (2014)175 - 82
- Friberg,O. Biomechanics and clinical significance of unrecognized leg length inequality.  
Vortrag Internationaler Kongress für Manuelle Medizin Zürich 1983, zit. bei Neumann, 1999.
- +Friberg,O.R.A. Clinical symptoms and biomechanics of lumbar spine and hip joint in leg length discrepancy  
Spine 6 (1983)634 – 51
- +Friberg,O. Leg length asymmetry in stress fractures. A clinical and radiological study  
J Sports Med Phys Fitness 22 (1982)485 – 8
- +Friberg,O. Lumbar instability: a dynamic approach by traction compression radiography  
Spine 12 (1987)119 - 28
- +Friberg,O. Nurminen,M., Korhonen,K., Soininen,F., Mänttäri,T.  
Accuracy and precision of clinical estimation of leg length inequality and lumbar scoliosis: comparison of clinical and radiological measurements  
Int Disabil Stud 10 (1988)49 – 53
- +Friebe,A. Wachholz,S., Esslinger,M., Schäfer,M.  
Mikroglia als Vermittler immunologischer Aspekte der Depression  
Nervenheilkd 33 (2014)780 - 9
- +Friedl,P. Vischer,P., Freyberg,M.A.  
The role of thrombospondin 1 in apoptosis  
Cell Mol Life Sci 59 (2002)1347 – 57
- Friedly,J. Chan,L., Deyo,R.  
Increases in lumbosacral injections in the Medicare population: 1994 to 2001

- Spine 32 (2007)1754 – 60
- +Friedly,J.L. Comstock,B.A., Heagerty,P.J., Bauer,Z., Rothman,M.S., Suri,P., Hansen,R., Avins,A.L., Nedeljkovic,S.S., Nerenz,D.H., Akuthota,V., jarvik,J.G.
- Systemic effects of epidural steroid injections for spinal stenosis
- Pain 159 (2018)876 - 83
- +Friedman,B.W. Chilstrom,M., Bijur,P.E., Gallagher,E.J.
- Diagnostic testing and treatment of low back pain in United States emergency departments: a national perspective
- Spine 35 (2010)E 1406 - 11
- +Friedman,B.W. Esses,D., Solorzano,C., Choi,H.K., Cole,M., Davitt,M., Bijur,P.E., Gallagher,E.J.
- A randomized placebo-controlled trial of single-dose im corticosteroid for radicular low back pain
- Spine 33 (2008)E624 - 9
- +Friedrich,M. Gittler,G., Halberstadt,Y., Cermak,T., Heiller,I.
- Combined exercise and motivation program: effect on the compliance and level of disability of patients with chronic low back pain: a randomized controlled trial
- Arch Phys Med Rehabil 79 (1998)475 – 87
- +Friedrich,M. Gittler,G., Arendasy;M., Friedrich,K.M.
- Long-term effect of a combined exercise and motivational programme on the level of disability of patients with chronic low back pain
- Spine 30 (2005)995 – 1000
- +Friedrich,M. Göbel,M., Seidel,E.J.
- Korrelation von Haltungsasymmetrien und visuellen Defiziten
- Manuelle Med 49 (2011)11 - 8
- +Friedrich,M. Likar,R.
- Evidenz- und konsensusbasierte österreichische Leitlinien für das Management akuter und chronischer Kreuzschmerzen
- Wien Klin Wochenschr 119 (2007)189 - 97

- +Frießem,C.J. Willweber-Strumpf,A., Zenz,M.W.  
Chronische Schmerzen in deutschen Facharztpraxen. Die aktuelle Inanspruchnahme des ambulanten Gesundheitswesens anhand der Prävalenz von Schmerzen  
Schmerz 24 (2010)501 – 7
- Frijda,N.H. The emotions.  
Cambridge,UK; Cambridge University Press, 1986 (zit. Trost et al., 2012)
- +Frisch,H. Die Rolle der Gelenkmechanik bei manuellen Wirbelsäulenbehandlungen  
Manuelle Med 30 (1992)26 - 9
- +Fritsch,C.G. Ferreira,P.H., Prior,J.L., McLachlan,A.J., Ferreira,M.L.  
Effects of using text message interventions for the management of musculoskeletal pain: a systemic review  
Pain 161 (2020)2462 - 75
- Fritz,H.C. McAuley,J.H., Wittfeld,K., Hegenscheid,K., Schmidt,C.O., Langner,D., Lotze,M.  
Chronic back pain is associated with decreased perfrontal and anterior insular gray matter. Results from a population-based cohort study  
J Pain (2015a) doi: 10.1016/j.jpain.2015.10.003 (zit. Lotze, 2016)
- Fritz,J. Lumbar spine segmental mobility assessment: an examination of validity of determining intervention strategies for patients with low back pain  
In: Fifth Interdisciplinary World Congress on Low Back and Pelvic Pain, abstract book, Australia, Melbourne, 2004 (zit. Moffett & Mannion, 2005)
- +Fritz,J.M. Brennan,G.P., Leaman,H.  
Does the evidence for spinal manipulation translate into better outcomes in routine clinical care for patients with occupational low back pain? A case-control study  
Spine J 6 (2006)289 – 95
- +Fritz,J.M. Childs,J.D., Wainner,R.S., Flynn,T.W.  
Primary care referral of patients with low back pain to physical therapy

- Spine 37 (2012)2114 - 21  
+Fritz,J.M. Cleland,J.A., Brennan,G.P.  
Does adherence to clinical practice guidelines for patients with acute low back pain improve the quality of care delivered by physical therapists  
Med Care 45 (2007)973 – 80  
+Fritz,J.M. Cleland,J.A., Childs,J.D.  
Subgrouping patients with low back pain: evolution of a classification approach to physical therapy  
J Orthop Sports Phys Ther 37 (2007a)290 - 302  
+Fritz,J.M. Cleland,J.A., Speckman,M., Brennan,G.P., Hunter,S.J.  
Physical therapy for acute low back pain: Associations with subsequent healthcare costs  
Spine 33 (2008)1800 - 5  
+Fritz,J.M. Delitto,A., Vignovic,M., Busse,M.G.  
Interrater reliability of judgements of the centralization phenomenon and status change during movement testing in patients with low back pain  
Arch Phys Med Rehabil 81 (2000)57 – 61  
Fritz,J.M. George,S.Z., Delitto,A.  
The role of fear-avoidance beliefs in acute low back pain: relationships with current and future disability and work status  
Pain 94 (2001)7 - 15  
+Fritz,J.M. George,S.Z.  
Identifying psychosocial variables in patients with acute work-related low back pain: The importance of fear-avoidance beliefs  
Physical Ther 82 (2002)973 - 83  
+Fritz,J.M. Hebert,J., Koppenhaver,S., Parent,E.  
Beyond minimally important change: Defining a successful outcome of physical therapyfor patients with low back pain  
Spine 34 (2009)2803 - 9

- +Fritz,J.M. Irrgang,J.J.  
A comparison of a modified Oswestry Low Back Pain Disability Questionnaire and the Quebec Back pain Disability Scale  
Phys Ther 81 (2001)776 – 88
- +Fritz,J.M. Kim,M., Magel,J.S., Asche,C.V.  
Cost-effectiveness of primary care management with or without early physical therapy for acute low back pain  
Spine 42 (2017)285 - 90
- +Fritz,J.M. King,J.B., McAdams-Marx,C.  
Associations between early care decisions and the risk for long-term opioid use for patients with low back pain with a new physician consultation and initiation of opioid therapy  
Clin J Pain 34 (2018)552 - 8
- +Fritz,J.M. Koppenhaver,S.L., Kawchuk,G.N., Teyhen,D.S., Hebert,J.J., Childs,J.D.  
Preliminary investigation of the mechanisms underlying the effects of manipulation. Exploration of a multivariate model including spinal stiffness, multifidus recruitment and clinical findings  
Spine 36 (2011)1772 - 81
- Fritz,J.M. Lindsay,W., Matheson,J.W., Brennan,G.P., Hunter,S.J., Moffit,S.D., Swalberg,A., Rodriguez,B.  
Is there a subgroup of patients with low back pain likely to benefit from mechanical traction?  
Spine 32 (2007)E793 - 800
- +Fritz,J.M. Lurie,J.D., Zhao,W., Whitman,J.M., Delitto,A., Brennan,G.P., Weinstein,J.N.  
Assoiations between physical therapy and long-term outcomes for individuals with lumbar spine stenosis in the SPORT study  
Spine J 14 (2014)1611 - 21
- +Fritz,J.M. Magel,J.S., McFadden,M., Asche,C., Thackeray,A.,Meier,W., Brennan,G.  
Early physical therapy vs usual care in patients with recent-onset low back pain: a randomized clinical trial

JAMA 314 (2015)1459 – 67

+Fritz,J.M.

Piva,S., Childs,J.

Accuracy of the clinical examination to predict radiographic instability of the lumbar spine

Eur Spine J 14 (2005)743 – 50

+Fritz,J.M.

Whitman,J.M., Childs,J.D.

Lumbar spine segmental mobility assessment: an examination of validity for determining intervention strategies in patients with low back pain

Arch Phys Med Rehabil 86 (2005)1745 – 52

+Fritz,J.M.

Whitman,J.M., Flynn,T.W., Wainner,R.S., Childs,J.D.

Factors related to the inability of individuals with low back pain to improve with a spinal manipulation

Phys Ther. 84 (2004)173 – 90

+Fritzell,P.

Hägg,O., Wessberg,P., Nordwall,A.,

2001 Volvo Award Winner in Clinical Studies. Lumbar fusion versus nonsurgical treatment for chronic low back pain: a multicenter randomized controlled trial from the Swedish Lumbar Spine Study Group

Spine 26 (2001)2521 – 32

Fritzell,P. et al.

Cost-effectiveness of lumbar fusion and nonsurgical treatment for chronic low back pain in the Swedish Lumbar Spine Study: a multicenter, randomized, controlled trial from the Swedish Lumbar Spine Group

Spine 29 (2004)421 – 34 (zit. Haig, 2006)

+Froh,R.

Yong-Hing,K., Cassidy,J.D., Houston,C.S.

The relationship between leg length discrepancy and lumbar facet orientation

Spine 13 (1988)325 – 7

-Fröhlich,D.

Fröhlich,R.

Piriformis syndrome: a frequent item in the differential diagnosis oft the lumbogluteal pain

Manuelle Med 33 (1995)7 – 10 (zit. Cummings, 2000)

+Froholdt,A.

Holm,I., Keller,A., Gunderson,R.B., Reikeraas,O., Brox,J.I.

No difference in long-term trunk muscle strength, cross-sectional area, and density in patients with chronic low back pain 7 to 11 years after lumbar fusion versus cognitive intervention and exercise

Spine J 11 (2011)718 - 25

+Fromm,C.

Noth,J.

Reflex responses of gamma motoneurons to vibration of the muscle they innervate

J Physiol 256 (1976)117 – 36

+Fromm,C.

Noth,J., Thilmann,A

Inhibition of extensor gamma motoneurons by antagonistic primary and secondary spindle afferents

Pflügers Arch 363 (1976)81 – 6

Frössler,C.

Sitzen und Schulter – Nacken – Schmerzen

Manuelle Med 45 (2007)330 - 5

+Frost,F.A.

Jessen,B., Siggard-Andersen,J.

A control, double-blindcomparison of mepivacaine injection versus saline injection for myofascial pain

Lancet (1980)499 - 500

Frost,H.

Lamb,S.E., Klaber Moffet,J.A., Fairbank,J.C., Moser,J.S.

A fitness programme for patients with chronic lower back pain: a two year follow-up of a randomized trial

Pain 75 (1998)273 – 79 (zit. Haigh & Clarke, 1999)

+Frost,H.

Lamb,S.E., Steward-Brown,S.

Responsiveness of a patient specific outcome measure compared with the Oswestry Disability Index v2.1 and Roland and Morris Disability Questionnaire for patients with subacute and chronic low back pain

Spine 33 (2008) 2450 - 7

+Frost,H.

Lamb,S.E., Shackleton,C.H.

A functional restoration programme for chronic low back pain: a prospective outcome study

Physiotherapy 86 (2000)285 – 93 (zit Liddle et al., 2004)

- +Frost,H. Lamb,S.E., Doll,H.A., Taffe Carver,P., Steward-Brown,S.  
Randomized controlled trial of physiotherapy compared with advice for low back pain  
*BMJ* 329 (2004)708 - 11
- +Frost,H. Moffett,J.A.K., Moser,J.S., Fairbank,J.C.T.  
Randomized controlled trial for evaluation of fitness programme for patients with chronic low back pain  
*Br Med J* 310 (1995)151 – 4
- Frost,P. Haahr,J.P., Andersen,J.H.  
Reduction of pain-related disability in working populations. A randomized intervention study of the effects of an educational booklet addressing psychosocial risk factors and screening workplaces for physical health hazards.  
*Spine* 32 (2007)1949 – 54
- +Froud,R. Patterson,S., Eldridge,S., Seale,C., Pincus,T., Rajendran,D., Fossum,C., Underwood,M.  
A systematic review and metasynthesis of the impact of low back pain on peoples live  
*BMC Musculoskelet Disord* 15 (2014)50 (zit. Schroeder et al., 2015)
- Fryer,G. Muscle energy technique: a need for change  
*J Osteopath Med* 3 (2000)2: 54 – 9 (zit. Robert, 2019)
- Fryer,G. – n - Johnson,K., Fossum,C.  
The use of spinal and sacroiliac joint procedures within the British osteopathic profession, part 2 – treatment  
*Int J Osteopath Med* 13 (2010)152 – 9 (nur kostenpflichtig im Internet)
- +Fryer,G. Morse,C.M., Johnson,J.C.  
Spinal and sacroiliac assessment and treatment techniques osteopathic  
used by physicians in the United States  
*Osteopath Med Prim Care* 3 (2009)4
- +Fryer,G. Pearce,A.J.  
The effect of lumbosacral manipulation on corticospinal

- reflex excitability on asymptomatic participants  
J Manipulative Physiol Ther 35 (2011)86 - 93
- Fryette,H.H.  
Principles of Osteopathic Technic  
Academy of Applied Osteopathy, Carmel,CA; 1954
- +Frymann,V.  
Relation of disturbances of craniosacral mechanisms to symptomatology of the newborn, study of 1250 infants  
J Am Osteopath Assoc 65 (1966)1059 – 75
- +Frymoyer,J.W.  
Back pain and sciatica  
N Engl J Med 318 (1988)291 – 300
- Frymoyer,J.W. (Hrsg.)  
The adult spine: principles and practice  
Raven Press, New York, 1991 (zit Goebel et al., 2005)
- +Frymoyer,J.W.  
Quality: An international challenge to the diagnosis and treatment of disorders of the lumbar spine  
Spine 18 (1993)2147 – 52
- +Frymoyer,J.W.  
Predicting disability from low back pain  
Clin Orthop Relat Res 279 (1992)101 – 9
- Frymoyer,J.W.  
Frymoyer,W.W., Pope,M.H.  
The mechanical and kinematic analysis of the lumbar spine in normal living human subjects in vivo  
J Biomech 12 (1979)165 – 72 (zit. Kayser, 2019)
- +Frymoyer,J.W.  
Selby,D.K.  
Segmental instability. Rationale for treatment  
Spine 10 (1985)280 – 6
- +Frymoyer,J.W.  
Pope,M.H., Constanza,M.C., Rosen,J.C., Goggin,J.E., Wilder,D.G.  
Epidemiologic studies of low back pain  
Spine 5 (1980)419 – 23
- +Frymoyer,J.W.  
Pope,M.H., Clements,J.H., Wilder,D.G., MacPherson,B., Ashikaga,T.  
Risk factors in low back pain

- J Bone Joint Surg Am 65 (1983)213 – 8
- +Frymoyer,J.W. Rosen,J.C., Clements,J., Pope,M.H.
- Psychological factors in low back pain disability
- Clin Orthop 195 (1985)178 – 84
- Fryze,W. Zaborski,J., Czlonkowska,A.
- Bol w przebiegu stwardnienia rozsianego (Pain in the course of multiple sclerosis (polnisch))
- Neurol Neurochir Pol 36 (2002)275 – 84
- +Fu,M.C. Buerba,R.A., Long,W.D.III, Blizzard,D.J., Lischuk,A-W., Haims,A.H., Grauer,J.N.
- Interrater and intrarater agreements of magnetic resonance imaging findings in the lumbar spine: significant variability across degenerative conditions
- Spine J 14 (2014)2442 - 8
- +Fuglevand,A.J. Dutoit,A.P., Johns,R.K., Keen,D.A.
- Evaluation of plateau-potential-mediated warm-up in human motor units
- J Physiol 571 (2006)683 – 93
- +Fujii,T. Oka,H., Takano,K., Asada,F., Nomura,T., Kawamata,K., Okazaki,H., Tanaka,S., Matsudaira,K.
- Association between high fear-avoidance beliefs about physical activity and chronic disabling low back pain in nurses in Japan
- BMC Musculoskel Disord 20 (2019)572  
[doi.org/10.1186/s12891-019-2965-6](https://doi.org/10.1186/s12891-019-2965-6)
- +Fujii,Y. Ozaki,N., Taguchi,T., Mizumura,K., Furukawa;k., Suguira,Y
- TRP channels and ASICs mediate mechanical hyperalgesia in models of inflammatory muscle pain and delayed onset muscle soreness
- Pain 140 (2008)292 - 304
- +Fujimoto,T. Parry,S., Urbanek,M. et al.
- A single nucleotide polymorphism in the matrixmetalloproteinase-1 (MMP-1) promoter influences amnion cell MMP-1 expression and risk for preterm premature rupture of the fetal membranes

J Biol Chem 277 (2002)6296 – 302

+Fujimori,T.

Watanabe,T., Iwamoto,Y., Hamada,S., Iwasaki,M., Oda,T.

Prevalence, concomitance, and distribution of ossification of the spinal ligaments. Results of whole spine CT scans in 1500 Japanese patients

Spine 41 (2016)1668 - 76

+Fujiwara,A.

Lim,T.H., An,H.S., Tanaka,N., Jeon,C.H., Andersson,G.B.J., Haughton,V.M.

The effect of disc degeneration and facet joint osteoarthritis on the segmental flexibility of the lumbar spine

Spine 25 (2000)3036 – 44

+Fujiwara,A.

Tamai,K., Kurihashi,A., Yoshida,H., Saotome,K.

Relationship between morphology of liolumbar ligament and lower lumbar disc degeneration

J Spinal Disord 12 (1999a)348 – 52

+Fujiwara,A.

Tamai,K., Yamato,M., An,H.S., Yoshida,H., Saotome,K., Kurihashi,A.

The relationship between facet joint osteoarthritis and disc degeneration of the lumbar spine: an MRI study

Eur Spine J 8 (1999)396 – 401

+Fujiwara,A.

Tamai,K., Yoshida,H., Kurihashi,A., Saotome,K., An,H.S., Lim,T.H.

Anatomy of the iliolumbar ligament

Clin Orthop Rel Res 380 (2000)167 – 72

+Fukui,N.

Purple,C.R., Sandell,L.J.

Cell biology of osteoarthritis: The chondrocytes response to injury

Curr Rheumatol Rep 3 (2001)496 – 505

+Fukui,N.

Zhu,Y., Maloney,W.J., Clohisy,J., Sandell,L.S.

Stimulation of BMP-2 expression by proinflammatory cytokines IL-1 and TNF-alpha in normal and osteoarthritic chondrocytes

J Bone Joint Surg Am 85 (2003)59 – 66

- +Fukui,S. Nosaka,S.  
Pain patterns originating from the sacroiliac joints  
*J Anesth* 16 (2002)245 - 7
- +Fukui,S. Ohseto,K., Shiotani,M., Ohno,K., Karasawa,H., Naganuma,Y., Yuda,Y.  
Referred apin distribution of the cervical zygoapophyseal joints and cervical dorsal rami  
*Pain* 68 (1996)79 – 83
- +Fukui,S. Ohseto,K., Shiotani,M., Ohno,K., Karasawa,H., Naganuma,Y.  
Distribution of referred pain from the lumbar zygoapophyseal joints and dorsal rami  
*Clin J Pain* 13 (1997)303 – 7
- +Fukuda,T. Chidambaran,V., Mizuno,T., Venkatasubramanian,R., Ngamprasertwong,R., Ngamprasertwong,P., Olbrecht,V., Esslinger,H.R., Vinks,A.A., Sadhasivam,S.  
OCT1 genetic variants influence the pharmacogenetics of morphine in children  
*Pharmacogenomics* 14 (2013)1141 – 51
- (+)Fukuda,T.Y. Aquino,L.M., Pereira,P., Feio,A.F., Arcanjo de Jesus,F.L., Neto,M.G.  
Does adding hip strengthening exercises to manual therapy and segmental stabilisation improve outcomes in patients with nonspecific low back pain?  
*Braz J Phys Ther* 25(2021)900 – 7  
[doi.org/10.1016/j.bjpt.2021.10.005](https://doi.org/10.1016/j.bjpt.2021.10.005)
- +Fukuoka,T. Tokunaga,A., Kondo,E., Miki,K., Tachibana,T., Noguchi,K.  
Change in mRNAs for neuropeptides and the GABA(A) receptor in dorsal root ganglion neurons in a rat experimental neuropathic pain model  
*Pain* 78 (1998)13 – 26
- +Fukuoka,T. Kondo,E., Dai,Y., Hashimoto,N., Noguchi,K.  
Brain-derived neurotropic factor increases in the uninjured dorsal root ganglion neurons in selective spinal nerve ligation model  
*J Neurosci* 21 (2001)4891 – 900

- +Fukuyama,S. Nakamura,T., Ikeda,T., Takagi,K.  
The effect of mechanical stress on hypertrophy of the lumbar ligamentum flavum  
*J Spinal Disord* 8 (1995)126 – 30
- +Fullen,B.M. Baxter,G.D., O'Donnovan,B.G.G., Doody,C., Daly,L., Hurley,D.A.  
Doctor's attitudes and beliefs regarding acute low back pain management: A systemic review  
*Pain* 136 (2008)388 - 96
- +Fullen,B.M. Maher,T., Bury,G., Tynan,A., Daly,L.E., Hurley,D.A.  
Adherence of Irish general practitioners to European guidelines for acute low back pain: a prospective pilot study  
*Eur J Pain* 11 (2007)614 – 23
- Fuller,R.B. Tensegrity  
*Art News Ann* 4 (1961)12 – 27 (zit. Swanson, 2013)
- +Funabashi,M. Nougarou,F., Descarreaux,M., Prasad,N., Kawchuk,G.N.  
Spinal tissue loading created by different methods of spinal manipulative therapy application  
*Spine* 42 (2017)635 - 43
- +Fundytus,M.E. Yasphal,K., Chabot,J.G., Osborne,M.G., Lefebvre,C.D., Dray,A. et al.  
Knockdown of spinal metabotropic glutamate receptor 1 (mGluR(1)) alleviates pain and restores opioid efficacy after nerve injury in rats  
*Br J Pharmacol* 132 (2001)354 – 67
- Funk,W. Dammann,V., Donnevert,G.  
Qualitätssicherung in der analytischen Chemie:  
Anwendungen in der Umwelt-, Lebensmittel- und Werkstoffanalytik, Biotechnologie und Medizintechnik.  
2. Aufl., Weinheim, New York; Wiley – VCH 2005, 1 – 100 (zit. Röhrig et al., 2009)-
- +Furlan,A.D. Brosseau,I., Imamura,M., Irvine,E.  
Massage for low back pain: a systematic review within the framework of the Cochrane collaboration back review group

- Spine 27 (2002)1896 – 1910  
+Furlan,A.D. Carnide;N.  
Opioids for workers with an acute episode of low back pain (Commentary)  
Pain 151 (2010)1 - 2
- +Furlan,A.D. Imamura,M., Dryden,T., Irvin,E.  
Massage for low back pain  
Cochrane Database Syst Rev 2008 (4):CD001929
- +Furlan,A.D. Imamura,M., Dryden,T., Irvin,E.  
Massage for low back pain: an updated systematic review within the framework of the Cochrane back review group  
Spine 34 (2009)1669 - 84
- +Furlan,A. Lakha,S.F., Yegneswaran,B., Ishakova,M., Sabatowski,R., Mailis-Gagnon,A.  
A systematic review of the effects of opioids on driving and working performances  
Pain Res Manage 12 (2007)126
- +Furlan,A.D. Sandoval,J.A., Mailis-Gagnon,A., Tunks,E.  
Opioids for chronic non-cancer pain : a meta-analysis of effectiveness and side effects  
Can Med Assoc J 174 (2006)1589 – 94
- +Furlan,A.D. van Tulder, M.W., Cherkin,D.C., Tsukayama,H., Lao,L., Berman,B.M.,  
Acupuncture and dry needling for low back pain  
The Cochrane Database of Systemic Reviews 2005, issue 1, art. No CD001351.pub2.DOI:  
Dt Z Akup 48 (2005)37 - 9
- Furlan,A.D. et al. Massage for low back pain  
Cochrane Database Syst Rev 2005; CD001929 (zit. AMK, 2007)
- +Furukawa,T. Ito,K., Nuka,S., Hashimoto,J., Takei,H., Takahara,M., Ogino,T., Young,M.F., Shinomura,T.

Absence of biglycan accelerates the degenerative process in mouse intervertebral disc

Spine 34 (2009)E911 - 7

+Furunes,H.

Berg,L., Espeland,A., Thoresen,H., Neckelmann,G., Brogger,H.M., Smastuen,M.C., Brox,J.I., Storheim,K., Hellum,C.

Facet arthropathy following disc replacement versus rehabilitation. A prospective study with 8 – year follow-up

Spine 45 (2020)1467 - 75

+Furunes,H.

Hellum,C., Espeland,A., Brox,J.I., Smastuen,M.C., Berg,L., Storheim,K.

Adjeacent disc degeneration after lumbar total disc replacement or nonoperative treatment. A randomized study with 8-year follow up

Spine 43 (2018)1695 - 1703

+Furunes,H.

Storheim,K., Brox,J.I., Johnsen,L.G., Skouen,J.S., Franssen,E., Solberg,T.K., Sandvik,L., Hellum,C.

Total disc replacement versus multidisciplinary rehabilitation in patients with chronic low back pain and degenerated discs: 8-year follow-up of a randomized controlled multicenter trial

Spine J 17 (2017)1480 - 8

Fuster,J.M

The prefrontal cortex - an update: time is of the essence

Neuron 30 (2001)319 – 33 (zit Apkarian et al., 2004)

+Gaab,J.

Baumann,S., Budnoik,A., Gmunder,H., Hottinger,N., Ehlert,U.

Reduced reactivity and enhanced negative feedback sensitivity of the hypothalamus-pituitary-adrenal axis in chronic whiplash-associated disorder

Pain 119 (2005)219 - 24

Gadsby,J.G.

Flowerdew,M.W.

Transcutaneous electrical nerve stimulation and acupuncture-like transcutaneous electrical nerve stimulation for chronic low back pain

Cochrane Database Syst Rev 2000;2:CD000210 (zit. Bjordal, 2011)

+Gaede-Illig,C.

Zachariae,S., Menzel,C., Alfermann,D.

Körperliche Aktivität erfassen – ein Vergleich vom IPAQ-SF und dem SenseWear Pro Armband

Dt Z Sportmed 65 (2014)154 - 9

+Gagne,M.

Schneider,C.

Dynamic influence of wrist flexion and extension on the intracortical inhibition of the first dorsal interosseus muscle during precision grip

Brain Res 1195 (2008)77 – 88 (zit. Masse-Alarie et al., 2013)

+Gagnier,J.J.

Evidence-informed management of chronic low back pain with herbal., vitamin, mineral, and homeopathic supplements

Spine J 8 (2008)70 – 9

+Gagnier,J.J.

Oltean,H., von Tulder,M.W., Berman,B.M., Bombardier,C., Robbins,C.B.

Herbal medicine for low back pain

Spine 41 (2016)116 - 33

+Gagnier,J.J.

van Tulder,M.W., Berman,B., Bombardier,C.

Herbal medicine for back pain. A Cochrane review

Spine 32 (2007)82 - 92

+Gagnon,A.M.

Kahan,M., Srivastava,A.

Opioid use and abuse: is there a problem?

Clin J Pain 23 (2007)661 -2

+Gagnon,A.M.

Nicholson,K.

Nondermatomal somatosensory deficits (NSDS): a neuropsychological phenomenon (commentary)

Pain 145 (2009)12 - 3

+Gagnon,C.M.

Stanos,S.P., van der Ende,G., Rader,L.R., Harden,N.

Treatment outcomes for workers compensation patients in a US – based interdisciplinary pain management program

Pain Pract 13 (2013)282 - 8

+Gajdosik,R.

Simpson,R., Smith,R., DonTigny,R.L.,

Pelvic tilt. Intertester reliability of measuring the standing range of motion

- Phys Ther 65 (1985)169 – 74  
+Gal,J.  
Herzog,W., Kawchuk,G., Conway,P.J., Zhang,Y.T.  
Forces and relative vertebral movements during SMT to unembalmed post-rigor human cadavers: peculiarities associated with joint cavitation  
J Manipulat Physiol Ther 18 (1995)4 - 9
- +Gal,J.  
Herzog,W., Kawchuk,G., Conway,P.J., Zhang,Y.T.  
Movements of vertebrae during manipulative thrust to unenbalmed human cadavers  
J Manipulat Physiol Ther 20 (1997)30 - 40
- +Gal,J.  
Herzog,W., Kawchuk,G., Conway,P.J., Zhang,Y.T.  
Measurements of vertebral translations using bone pins, surface markers and accelerometers  
Clin Biomech 12 (1997b)337 - 40
- +Galantino,M.L.  
Bzdewka,T.M., Eissler-Russo,J.L., Holbrook,M.L., Mogck,E.P., Geigle,P.  
The impact of modified hatha yoga on chronic low back pain: a pilot study  
Altern Ther Health Med 10 (2004)56 – 9
- Galanty,H.L  
Puffer,J.C.  
Golf  
In: Mellion,M.B. (ed.): Sports medicine secrets; Philadelphia, Hanley & Belfus Inc., 1999, pp 424 – 8 (zit. Gluck et al., 2008)
- Galate,J.F. et al.  
Effectiveness of botulinum toxin in refractory piriformis muscle syndrome  
Arch Phys Med Rehabil 78 (1997)1041 (zit. Goebel, 2006)
- +Galer,B.S.  
Topical analgesic medication – The dawn of a new era (Commentary)  
Pain 147 (2009)5 - 6
- Galer,B.S.  
Gammaitoni,A.R., Oleka,N., Jensen,M.P., Argoff,C.E.  
Use of the lidocaine patch 5% in reducing intensity of various pain qualities reported by patients with low back pain

Curr Med Res Opin 20 (2004) Suppl. 2: S 5 – 12 (zit. Xiao et al., 2008)

-Gallagher,J.

Petriccione di Valdo,P.L., Wedley,J.R.

Radiofrequency facet joint denervation in the treatment of low back pain: a prospective controlled double-blind study to assess its efficacy

Pain Clinic 7 (1994)193 – 8 (zit. Cohen et al., 2007)

+Gallagher,L.

McAuley,J., Moseley,G.L.

A randomized-controlled trial of using a book of metaphors to reconceptualise pain and decrease catastrophizing in people with chronic pain

Clin J Pain 29 (2013)20 - 5

Gallagher,S. et al.

Torso flexion loads and fatigue failure of human lumbosacral motion segments

Spine 30 (2005)2265 – 73 (zit. Gallagher et al., 2007)

Gallagher,S.

Marras,W.S., Litsky,A.S., Burr,D., Landoll,J., Matkovic,V.

A comparison of fatigue failure responses of old versus middle-aged lumbar motion segments in simulated flexed lifting

Spine 32 (2007)1832 – 9

+Galloway MT

Jokl P, Dayton OW

Achilles tendon overuse injuries.

Clin Sports Med 11 (1992)771–82

+Galoyan,S.M.

Petruska,J.C., Mendell,L.M.

Mechanisms of sensitisation of the response of single dorsal root ganglion cells from adult rat to noxious heat

Eur J Neurosci 18 (2003)535 – 41

+Gam,A.

Warming,S., Larsen,L.H., Jensen,B., Hoydalsmo,O., Allon,I., Andersen,B., Gotzsche,N.E., Petersen,M., Mathiesen,B.

Treatment of myofascial trigger-points with ultrasound combined with massage and exercise: a randomized controlled trial

Pain 77 (1998)73 – 9

-Gammaitoni,A.R.

Alvarez,N.A., Galer,B.S.

Safety and tolerability of the lidocaine patch 5%, a targeted peripheral analgesic: a review of the literature

J Clin Pharmacol 43 (2003)111 – 7 (zit. Xiao et al., 2008)

+Gandjour,A.

Telzerow,A., Lauterbach,K.W.

European comparison of costs and quality in the treatment of acute back pain

Spine 30 (2005)969-75

+Ganey,T.

Hutton,W.C., Moseley,T., Hedrick,M., Meisel,H.J.

Intervertebral disc repair using adipose tissue-derived stem and regenerative cells

Spine 34 (2009)2297 - 304

+Ganey,T.

Libera,J., Moos,V., Alasevic,O., Fritsch,K.G.

Disc chondrocyte transplantation in a canine model: a treatment for degenerated or damaged intervertebral disc

Spine 28 (2003)2609 - 20

+Gangadharan,V.

Selvaraj,D., Kurejova,M., Njoo,C., Gritsch,S., Skoricova,D., Horstmann,H., Offermanns,S., Brown,A.J., Kuner,T., Tappe-Theodor,A., Kuner,R.

A novel biological role for the phospholipid lysophosphatidylinositol in nociceptive sensitization via activation of diverse G-protein signalling pathways in sensory nerves *in vivo*

Pain 154 (2013)2801 - 12

+Gangadharan,V.

Wang,R. Ulzhöfer,R., Luo,c., Bardoni,R., Bali,K.K., Agarwal., N., Tegeder,I. und weitere 10 Autoren

Peripheral calcium permeable AMPA – receptors regulate chronic inflammatory pain in mice

J Clin Investig 121 (2011)1608 - 23

+Gannon,J.

Atkinson,J.H., Chircop-Rollick,T., D'Andrea,J., Garfin,S., Patel,S., Penzien,D.B., Wallace,M. Und weitere 4 Autoren

Telehealth therapy effects of nurses and mental health professionals from 2 randomized controlled trials for chronic back pain

Clin J Pain 35 (2019)295 - 303

+Gantenbein,B.

Grünhagen,T., Lee,C.R., van Donkelaar,C.C., Alini,M., Ito,K.

An in vitro organ culturing system for intervertebral disc explants with vertebral endplates

Spine 31 (2006)2665 – 73

+Gao,B.

Hierl,M., Clarkin,K., Juan,T., Nguyen,H., van der Valk,M. und weitere 16 Autoren

Pharmacological effects of nonselective and subtype-selective nicotinic acetylcholine receptor agonists in animal models of persistent pain

Pain 149 (2010)33 - 49

+Gao,R.

Gao,X., Xia,J., Tian,Y., Barrett,J.E., Dai,Y., Hu,H.,

Potent analgetic effects of a store-operated calcium channel inhibitor

Pain 154 (2013)2034 - 44

+Gao,X.

Kim,H.K., Chung,J.M., Chung,K.

Enhancement of NMDA receptor phosphorylation of the spinal dorsal horn and nucleus gracilis neurons in neuropathic rats.

Pain 116 (2005)62 – 72

+Gao,X.

Kim,H.K., Chung,J.M., Chung,K.

Reactive oxygen species (ROS) are involved in enhancement of NMDA-receptor phosphorylation in animal models of pain

Pain 131 (2007)262 - 71

+Gao,X.

Zhang,Y., Wu,G.

Effects of dopaminergic agents on carrageenan hyperalgesia after intrathekal administration to rats

Eur J Pharmacol 418 (2001)73 – 7

+Gao,X.W.

Su,X.T., Lu,Z.H., Ou,J.

17-beta Estradiol prevents extracellular matrix degradation by downregulating MMP 3 expression via P13K/Akt/FOXO3 pathway

Spine 45 (2020)292 - 9

+Gao,Y.J.

Ji,R.R.

Targeting astrocyte signalling for chronic pain

Neurotherapeutics 7 (2010)482 – 93

+Gao,Y.J.

Xu,Z.Z., Liu,Y.C., Wen,Y.R., Decosterd,I., Ji,R.R.

The c-Jun N-terminal kinase 1 (JNK1) in spinal astrocytes is required for the maintenance of bilateral mechanical allodynia under a persistent inflammatory pain condition

Pain 148 (2010)309 - 19

(+)Garcia,A.N.

Costa,L.O.P., da Cunha Menezes Costa,L., Hancock,M., Cook,C.

Do prognostic variables predict a set of outcomes for patients with chronic low back pain: a long-term follow-up secondary analysis of a randomized control trial

J Man Manip Ther (2019) online 4.4.2019;  
doi.org/10.1080/10669817.2019.1

+Garcia-Larrea,L.

The posterior insula-opercular region and the search of a primary cortex for pain

Neurophysiol Clin 42 (2012)299 – 313

+Garcia-Larrea,L.

Peyron,R.

Pain matrices and neuropathic pain matrices: A review

Pain 153 (2013)S29 - 43

+Garcia-Penalver,U.J.

Palop-Monteiro,M.V., Manzano-Sanchez,D.

Effectiveness of the muscle energy technique versus osteopathic manipulation in the treatment of sacroiliac joint dysfunction in athletes

Int J Environm Res Publ Health 17 (2020)4490  
doi.org/10.3390/ijerph17124490

Gardner,E.L.

Brain-reward mechanisms

In : Lowinson,J.H., Ruiz,P. et al. (eds.): Substance abuse. A comprehensive textbook. Philadelphia, Lippincott, Williams & Wilkins, 2005, p. 48 – 97 (cit. Hojsted & Sjogren, 2007)

+Gardner,T.

Refshauge,K., McAuley,J., Goodall,S., Hübscher,M., Smith,L.

Patient-led goal setting. A pilot study investigating a promising approach for the management of chronic low back pain

Spine 41 (2016)1405 - 13

+Gardner-Morse,M.G.

Stokes,I.A.F.

The effects of abdominal muscle coactivation on lumbar spine stability

Spine 23 (1998)86 – 92

+Gardner-Morse,M.G.

Stokes,J.A.

Physiological axial compressive preloads increase motion segment stiffness, linearity and hysteresis in all six degrees of freedom for small displacements about the linear posture

J Orthop Res 21 (2003)547 – 52

+Garfin,S.R.

Pye,S.A.

Bed design and effect on chronic low back pain: a limited controlled trial

Pain 10 (1981)87 – 91

-Garfin,S.R. et al. – n-

Spinal stenosis

Instr Course Lect 49 (2000)361 – 74 (zit. Ploumis et al., 2007)

+Garfinkel,M.S.

Singhal,A., Katz,W.A., Allan,D.A., Reshetar,R.A., Schumacher,Jr., H.R.

Yoga-based intervention for carpal tunnel syndrome  
a randomized trial

JAMA 280 (1998)1601 – 3

+Garg,S.

Syngle,A., Vohra,K.

Efficacy and tolerability of advanced glycation end-products inhibitor in osteoarthritis. A randomized, double blind, placebo-controlled study

Clin J Pain 29 (2013)717 - 24

+Garrido,M.J.

Troconiz,I.F.

Methadone: a review of its pharmacokinetic/  
pharmacodynamic properties

J Pharmacol Toxicol 42 (1999)61 – 6

+Garrison,C.J.

Dougherty,P.M., Carlton,S.M.

GFAP expression in lumbar spinal cord of naïve and neuropathic rats treated with MK-801

Exp Neurol 129 (1994)237 – 43

- +Garrison,S.R. Weyer,A.D., Baraba,M.E., Beutler,B.A., Stucky,C.L.  
A gain-of-function voltage-gated sodium channel 1.8 mutationdrives intense hyperexitability of A- and C-fiber neurons  
*Pain* 155 (2014)896 - 905
- +Garry,J.P. McShane,J.  
Lumbar spondylolysis in adolescent athletes  
*J Fam Pract* 47 (1998)145 – 9
- +Garvey,T.A. Marks,M.R., Wiesel,S.W.  
A prospective, randomized, double-blind evaluation of trigger-point injection therapy for low back pain  
*Spine* 14 (1989)962 - 4
- (-)Gaskell,L. Williams,A.E.  
A qualitative study of the experiences and perceptions of adults with chronic musculoskeletal conditions following a 12-week Pilates exercise program  
*Musculoskel Care* (2018) first publ. 6.11.2018;  
[doi.org/10.1002/msc.1365](https://doi.org/10.1002/msc.1365)
- +Gassner,M. Ruscheweyh,R. Sandkühler,J.  
Direkt excitation of spinal GABAergic interneurons by noradrenaline  
*Pain* 145 (2009)204 - 10
- Gatchel,R.J. Early development of physical and mental deconditioning in painful spinal disorders  
In: Mayer,T.G., Mooney,V., gatchel,R.J., Turk,D.C. eds.: Contemporary Conservative Care for Painful Spinal Disorders. Philadelphia,P.A., Lea & Febiger, 1991, 278 – 289 (zit. Gatchel et al., 2008)
- Gatchel,R.J. Psychological disorders and chronic pain: cause and effect relationships  
In: Gatchel,R.,J., Turk,D.C. eds.: Psychological Approaches to pain Management: A Practitioners Handbook. New york, Guilford, 1996, S. 33 - 52
- +Gatchel,R.J. Psychosocial factors that can influence the self- assessment of function

- J Occup Rehab 14 (2004)197 – 206  
Gatchel,R.J. Clinical essentials of pain management  
Washington,D.C., American Psychological Association, 2005  
(zit. Gatchel et al., 2008)
- +Gatchel,R.J. Polantin,P.B., Mayer,T.G.  
The dominant role of psychosocial risk factors in the development of chronic low back pain disability  
Spine 20 (1995b)2702 – 9
- +Gatchel,R.J. Bernstein,D., Stowell,A.W., Pransky,G.  
Psychosocial differences between high-risk acute vs. chronic low back pain patients  
Pain Practice 8 (2008)91 -7
- Gatchel.R.J. –n- Bruga,D.  
Multidisciplinary intervention for injured workers with chronic low back pain  
Spine Line 6 (2005)8 – 13 (zit Gatchel & Rollings, 2008)
- +Gatchel,R.J. Lurie,J.D., Mayer,T.G.  
Minimal clinically important difference  
Spine 35 (2010c)1739 - 43
- +Gatchel,RJ.. Mayer,T.G.  
Evidence-informed management of chronic low back pain with functional restoration  
Spine J 8 (2008)65 - 9
- +Gatchel,R.J. Mayer,T.G.  
Testing minimal clinically important difference: consensus or conundrum?  
Spine J 10 (2010)321 – 7
- +Gatchel,R.J. Mayer,T.G.  
Testing minimal clinically important difference: additional comments and scientific reality testing  
Spine J 10 (2010a)330 – 2

- +Gatchel,R.J. Peng,Y.B., Peters,M.I., Fuchs,P.N., Turk,D.C.  
The biopsychosocial approach to chronic pain: scientific advances and future directions  
*Psychol Bull* 133 (2007)581 – 624
- +Gatchel,R.J. Polatin,P.B., Kinney,R.K.  
Predicting outcome of chronic back pain using clinical predictors of psychopathology: a prospective analysis *Health Psychol* 14 (1995)415 – 20
- +Gatchel,R.J. Rollings,K.H.  
Evidence-informed management of chronic low back pain with cognitive behavioral therapy  
*Spine J* 8 (2008)40 - 4
- Gatchel,R.J. Turk,D.C.  
Psychological Approaches to Pain Management. A Practitioners Handbook, New York, Guilford Press, 1996 (zit. Hadjistavropoulos & Shymkiw, 2007)
- +Gatchel,R.J. Turk,D.C.  
Criticisms of the biopsychosocial model in spine care: creating and then attacking a straw person  
*Spine* 33 (2008)2831 - 6
- Gatchel,R.J Mayer,T.G., Eddington,A.  
MMPI disability profile: The least known, most useful screen for psychopathology in chronic occupational spinal disorders  
*Spine* 31 (2006)2973 – 8
- +Gatej,I. Popa,M., Rinaudo,M.  
Role of the pH on hyaluron behaviour in aqueous solution  
*Biomacromolecules* 6 (2005)61 – 7 (im Internet eingesehen)
- +Gatt,C.J. Hosea,T.M., Palumbo,J.C., Zawadsky,J.P.  
Impact loading of the lumbar spine during football blocking  
*Am J Sports Med* 25 (1997)317 – 21
- +Gau,R. Sevoz-Couche,C., Hamon,M., Bernard,J.F.

Noxious stimulation excites serotoninergic neurons: A comparison between the lateral paragigantocellular and the raphe amgnus nuclei

Pain 154 (2013)647 - 59

+Gauggel,S.

Birkner,B.

Validität und Reliabilität einer deutschen Version der Geriatrischen Depressionsskala (GDS)

Z Klin Psychol 28 (1999)18 – 27

+Gaul,C.

Mette,E., Schmidt,T., Grond,S.

Praxistauglichkeit einer deutschen Version des “Oswestry Low Back Pain Disability Questionnaire”. Ein Fragebogen zur Beeinträchtigung durch Rückenschmerzen

Schmerz 22 (2008)51 - 8

+Gaul,C.

Schmidt,T., Czaja,E., Eismann,R., Zierz,S.

Attitudes towards complementary and alternative medicine in chronic pain syndromes. A questionnaire based comparison between primary headache and low back pain

BMC Complement Altern Med 11 (2011)89

+Gauntlett-Gilbert,J.

Gavriloff,D., Brook,P.

Benzodiazepines may be worse than opioids. Negative medication effects in severe chronic pain

Clin J Pain 32 (2016)285 - 91

+Gauriau,C.

Bernard,J.F.

Pain pathways and parabrachial circuits in the rat

Exp Physiol 87 (2002)251 – 8

+Gauriau,C.

Bernard,J.F.

A comparative reappraisal of projections from the superficial laminae of the dorsal horn in the rat: the forebrain

J Comp Neurol 468 (2004)24 – 56

+Gautschi,R.

Böhni,U.

Das myofasziale Schmerzsyndrom. Ätiologie und therapeutischer Ansatz

Manuelle Med 52 (2014)203 - 13

- +Gautschi,R.  
Corniola,M.V., Smoll,N.R., Joswig,H., Schaller,K.,  
Hildebrandt,G., Stienen,M.N.
- Sex differences in subjective and objective measures of pain,  
functional impairment, and health-related quality of life in  
patients with lumbar degenerative disc disease
- Pain 157 (2016)1065 - 71
- +Gaveriaux-Ruff,C.  
Nozaki,C., Nadal,X., Hever,X.C., Weibel,R., Matifas,A.,  
Reiss,D., Filliol,D., Nassar,M.A., Wood,J.N., Maldonado,R.,  
Kieffer,B.L.
- Genetic ablation of delta opioid receptors in nociceptive  
sensory neurons increases chronic pain and abolishes opioid  
analgesia
- Pain 152 (2011)1238 - 48
- +Gay,C.W.  
Robinson,M.E., George,S.Z., Perlstein,W.M., Bishop,M.D.
- Immediate changes after manual therapy in resting-state  
functional connectivity as measured by functional magnetic  
resonance imaging in participants with induced low back pain
- J Manipulative Physiol Ther 37 (2014)614 - 27
- +Gay,M.H.  
Mehrkens,A., Barbero,A., Martin,I., Schaeren,S.
- Nasal chondrocytes are potential autologous cell-transplant  
candidates for treating degenerative disc disease
- Proceedings of the 32nd annual meeting of the North  
American Spine Society, Orlando, Florida, October 25 – 28,  
2017
- Spine J 17 (2017) 10 Suppl.: S 108
- +Gay,R.E.  
Brault,J.S.
- Evidence-informed management of chronic low back pain  
with traction therapy
- Spine J 8 (2008)234 – 42
- +Gaydos,S.J.  
Low back pain: considerations for rotary wing aircrew
- Aviat Space Environ Med 83 (2012)879 – 89
- +Gaymans,F.  
Neue Mobilisations-Prinzipien und –Techniken an der WS
- Manuelle Med 11 (1973)35 - 9
- +Ge,H.Y.  
Zhang,Y., Boudreau,S., Yue,S.W., Arendt-Nielsen,L.

- Induction of muscle cramps by nociceptive stimulation of latent myofascial trigger points  
Exp Brain Res 187 (2008)623 – 9  
+Gear,R.W.  
Aley,K.O., Levine,J.D.
- Pain induced analgesia mediated by mesolimbic reward circuits  
J Neurosci 19 (1999)7175 – 81  
+Geber,C.  
Magerl.,W., Fondel,R., Fechir,M., Rolke,R., Vogt,T., Treede,R.D., Birklein,F,  
Numbness in clinical and experimental pain – A cross-sectional study exploring the mechanism of reduced tactile function  
Pain 139 (2008)73 - 81
- +Geha,P.Y.  
Baliki,M.N., Harden,R.N., Bauer,W.R., Parrish,T.B., Apkarian,A.V.  
The brain in chronic CRPS pain: abnormal gray-white matter interactions in emotional and autonomic regions  
Neuron 60 (2008)570 – 81  
+Geha,P.  
de Araujo,L., Green,B., Small,D.M.  
Decreased food pleasure and disrupted satiety signals in chronic low back pain  
Pain 155 (2014)712 - 22  
-Gehldof,E.L.M. et al.  
The differential role of pain, work characteristics and pain-related fear in explaining back pain and sick leave in occupational settings  
Pain 113 (2005)71 – 81  
+Gehrmann,J.,  
Schoen,S.W., Kreutzberg,G.W.  
lesion of the rat entorhinal cortex leads to a rapid microglial reaction in the dentate gyrus  
Acta Neuropathologica (Berl) 82 (1991)442 - 55  
Geiger,B.  
Spatz,J.R., Bershadsky,A.D.  
Environmental sensing through focal adhesion  
Nat Rev Mol Cell Biol 10 (2009)1: 21 – 33 (zit. Hendryx, 2014)

- +Geiger,J.R. Melcher,T., Koh,D.S., Sakmann,B., Seeburg,P.H., Jonas,P., Monyer,H.  
Relative abundance of subunit mRNAs determines gating and Ca++ permeability of AMPA receptors in principal neurons and interneurons in rat CNS  
Neuron 15 (1995)193 – 204
- Geiser,D.S. Unpublished doctoral dissertation. A comparison of acceptance-focused and control-focused psychological treatments in a chronic pain treatment center  
University of Nevada – Reno, 1992 (zit. McCracken et al., 2004)
- +Geiss, A. Rohleder,N., Kirschbaum,C., Steinbach,K., Bauer,H.W., Anton,F.  
Predicting the failure of disc surgery by a hypofunctional HPA axis: evidence from a prospective study on patients undergoing disc surgery  
Pain 114 (2005)219 – 24
- +Geiss,A. Varadi,E., Steinbach,K., Bauer,H.W., Anton,F.  
Psychoneuroimmunological correlates of persisting sciatic pain in patients who underwent discectomy  
Neurosci Lett 237 (1997)65 – 8
- Geisser,D.S. A comparison of acceptance-focused and control-focused psychological treatments in a chronic pain treatment center.  
Doctoral dissertation. Reno, University of Nevada, 1992 (zit Keefe et al., 2009)
- +Geisser,M.E. Commentary: Pain catastrophizing and low back pain: does catastrophizing predict progression?  
Spine J 12 (2012)556 - 8
- +Geisser,M.E. Haig,A.J., Tong,H.C., Yamakawa,K.S.J., Quint,D.J., Hoff,J.T., Miner,J.A., Phalke,V.V.  
Spinal canal size and clinical symptoms among persons diagnosed with lumbar spinal stenosis  
Clin J Pain 23 (2007)780 - 5
- +Geisser,M.E. Haig,A.T., Wallbom,A.S., Wiggert,E.A.  
Pain related fear, lumbar flexion and dynamic EMG among persons with chronic musculoskeletal low back pain

- Clin J Pain 20 (2004)61 - 9  
+Geisser,M.E. Kratz,A.L.  
How condition-specific do measures of pain intensity need to be? (commentary)  
Pain 159 (2018)1001 - 2
- +Geisser,M.E. Ranavaya,M., Haig,A.J., Roth,R.S., Zucker,R., Amboz,C., Caruso,M.  
A meta-analytic review of surface electromyography among persons with low back pain and normal healthy controls  
J Pain 6 (2005)711 – 26
- +Geisser,M.E. Robinson, M.F., Henson,C.D.  
The coping strategies questionnaire and chronic pain adjustment : a conceptual and empirical reanalysis  
Pain 10 (1994)98 – 106
- +Geisser,M.E. Roth,R.S., Robinson,M.E.  
Assessing depression among persons with chronic pain using the Center for Epidemiological Studies – Depression Scale and the Beck Depression Inventory: a comparative analysis  
Clin J Pain 13 (1997)163 -70
- +Geisser,M.E. Wiggert,E.A., Haig,A.J., Colwell,M.O.  
A Randomized, Controlled Trial of Manual Therapy and Specific Adjuvant Exercise for Chronic Low Back Pain  
Clin J Pain 21 (2005)463 - 70
- Geisser,M.E. et al. Psychometric properties of the mood and anxiety symptom questionnaire in patients with chronic pain  
Clin J Pain 22 (2006)1 – 9
- +Geissert,P. Hallvik,S., van Otterloo,J., O'Kane,N., Alley,L., Carson,J., Leichtling,G., Hildebrandt,C., Wakeland,W., Deyo,R.A.  
High-risk prescribing and opioid overdose: prospects for prescription drug monitoring program-based proactive alerts  
Pain 159 (2018)150 - 6
- Geissner,E. Die Schmerzempfindungsskala (SES)  
Hogrefe, Göttingen 1996 (zit. Nilges et al., 2007)

- +Geissner,E. Die Schmerzempfindungsskala SES – ein differenziertes und veränderungssensitives Verfahren zur Erfassung chronischer und akuter Schmerzen
- Rehabilitation 34 (1995)XXXV - XLIV
- +Geissner,E. Resilenz, Ressourcen, Bewältigung. Psychologische Rahmenkonzepte in der Behandlung chronischer Schmerzen
- Nervenheilkd 36 (2017)355 - 60
- Geissner,F. Fragebogen zur Erfassung der Schmerzverarbeitung (FESV)
- Hogrefe, Göttingen, 2001
- +Gellhorn,A.C. Chan,L., Martin,B., Friedly,J.
- Management patterns in acute low back pain. The role of physical therapy
- Spine 37 (2012)775 - 82
- +Gummel,H.A. Jacobson,B.H.
- The immediate effect of activator vs. meric adjustment on acute low back pain: a randomized controlled trial
- J Manipulat Physiol Ther 18 (1995)453 – 6
- +Genevay,M.D. Finckh,A., Payer,M., Mezin,F., Tessitore,E., Gabay,C., Guerne,P.A.
- Elevated levels of tumor necrosis factor-alpha in periradicular fat tissue in patients with radiculopathy from herniated disc
- Spine 33 (2008)2041 – 6
- +Genevay,S. Courvoisier,D.S., Konstantinou,K., Kovacs,F.M., Marty,M., Rainville,J., Norberg,M., Kaux,J.F., Cha,T.D., Katz,J.N., Atlas,S.J.
- Clinical classification criteria for radicular pain caused by lumbar disc herniation (RAPIDH) criteria
- Spine J 17 (2017)1464 - 71
- +Genevay,S. Courvoisier,D.S., Konstantinou,K., Kovacs,F.M., Marty,M., Rainville,J., Norberg,M., Kaux,J.F., Cha,T.D., Katz,J.N., Atlas,S.J.
- Clinical classification criteria for neurogenic claudication caused by lumbar spinal stenosis
- Spine J 17 (2018)941 - 7

- +George,S.Z. Bishop,M.D., Bialosky,J.E., Zeppieri Jr.,G., Robinson,M.E.  
Immediate effects of spinal manipulation on thermal pain sensitivity: an experimental study  
BMC Musculoskeletal Dis 7 (2006)68
- +George,S.Z. Calley,D., Valencia,C., Beneciuk,J.M.  
Clinical investigation of pain-related fear and pain catastrophizing for patients with low back pain  
Clin J Pain 27 (2011)108 - 15
- +George,S.Z. Dover,G.C., Wallace,M.R., Sack,B.K., Herbstman,D.B., Aydog,E., Fillingim,R.B.  
Biopsychosocial influence on exercise-induced delayed onset muscle soreness at the shoulder: pain catastrophising and catechol-O-methyltransferase (COMT) diplotype predict pain ratings  
Clin J Pain 24 (2008b)793 - 801
- +George,S.Z. Fritz,J.M., Nc Neil,D.W.  
Fear-avoidance beliefs as measured by the fear-avoidance beliefs questionnaire: change in fear-avoidance beliefs questionnaire is predictive of change in self-report of disability and pain intensity for patients with acute low back pain  
Clin J Pain 22 (2006)197 -203
- +George,S.Z. Goertz,C., Hastings,S.N., Fritz,J.M.  
Transforming low back pain care delivery in the United States  
Pain 161 (2020)2667 – 73  
[doi.org/10.1097/j.pain.0000000000001989](https://doi.org/10.1097/j.pain.0000000000001989)
- +George,S.Z. Wallace,M.R., Wright,T.W., Moser,M.W., Greenfield III,W.H., Sack,B.K., Herbstman,D.M., Fillingim,R.B.  
Evidence for a biopsychosocial influence on shoulder pain: pain catastrophizing and catechol-O-methyltransferase (COMT) diplotype predict pain rating  
Pain 136 (2008a)53 – 61
- +George,S.Z. Wittmer,V.T., Fillingim,R.B., Robinson,M.E.  
Fear-avoidance beliefs and temporal summation of evoked thermal pain influence self-report of disability in patients with chronic low back pain

J Occup Rehabil 16 (2006a)95 – 108

+George,S.Z.

Zeppieri,G., Cere,A.L., Cere,M.R., Borut,M.S., Hodges,M.J., Reed,D.M., Valencia,C., Robinson,M.E.

A randomized trial of behavioral physical therapy interventions for acute and sub-acute low back pain (NCT00373867)

Pain 140 (2008)145 - 57

GERAC

GERAC-cLBP: Wirksamkeit und Sicherheit von Akupunktur im Vergleich einer Standardtherapie bei chronischen Rückenschmerzen. Abschlussbericht, Dezember 2004 (zit. AMK, 2007)

+Gerard,C.

Rollins,B.J.

Chemokines and disease

Nat Immunol 2 (2001)108 - 15

+Gerard,E.

Spengler,R.N., Bonolu,A.C., Mahajan,S.D., Davidson,B.A., Ding,H., Kumar,R., Prasad,P.N., Knight,P.R., Ignatowski,T.A.

Chronic constriction injury-induced nociception is relieved by nanomedicine-mediated decrease of rat hippocampal tumor necrosis factor

Pain 156 (2015)1320 - 33

+Gerber,C.

Schneeberger,A.G., Hoppeler,H., von Rechenberg,B.

Effect of tendon release and delayed repair on the structure of the muscles of the rotator cuff: an experimental study in sheep

J Bone Joint Surg Am 86 (2004)1973 – 82

+Gerber,R.K.H.

Nie,H., Arendt-Nielsen,L., Curatolo,M., Graven-Nielsen,T.

Local pain and spreading hyperalgesia induced by intramuscular injection of nerve growth factor are not reduced by local anesthesia of the muscle

Clin J Pain 27 (2011)240 - 7

--Gerbershagen,H.U.

Lindena,G., Korb,J., Kramer,S.

Gesundheitsbezogene Lebensqualität

Schmerz 16 (2002)271 - 84

+Gerbershagen,U.

Organisierte Schmerzbehandlung – Eine Standortbestimmung

- Internist 27 (1986)459 – 69  
+Gerbing,K.-K.  
Bientzle,M., Kimmerle,J., Thiel,A.  
Die Nutzung von Komplementär- und Alternativmedizin im Spitzensport  
Dtsch Z Sportmed 64 (2013)103 - 7
- +Gerdemann,U.  
Brückl,V., Nassr,N.A.S., Märkert,D., Sittl,R., Koppert,W.  
Differenzierung peripherer und zentraler sntihyperalgetischer Effekte einer systemischen Procaininfusion  
Schmerz 18 (2004)189 - 96
- +Gerdle,B.  
Hilgenfeldt,U., Larsson,B., Kristiansen,J., Sogaard,K., Rosendal,L.  
Bradykinin and kallidin levels in the trapezius muscle in patients with work-related trapezius myalgia, in patients with whiplash associated pain, and in healthy controls – a microdialysis study of women  
Pain 139 (2008)578 - 87
- +Gerges,F.J.  
Lipsitz,S.R., Nedeljkovic,S.S.  
A systematic review on the effectiveness of the nucleoplasty procedure for discogenic pain  
Pain Phys 13 (2010)117 – 32
- +Gerhardt,A.  
Eich,W., Janke,S., Leisner,S., Treede,R.D., Tesarz,J.  
Chronic widespread back pain is distinct from chronic local back pain. Evidence from quantitative sensory testing, pain drawing, and psychometrics  
Clin J Pain 32 (2016)568 - 79
- +Gerhardt,A.  
Eich,W., Treede,R.D., Tesarz,J.  
Conditioned pain modulation in patients with nonspecific chronic local pain, chronic widespread pain, and fibromyalgia  
Pain 158 (2017)430 - 9
- +Gerhart,J.I.  
Burns,J.W., Smith,D.A., Post,K.M., Porter,L.S., Schuster,E., Buvanendran,A., Fras,A.M.; Keele,F.J.  
Variability in negative emotions among individuals with chronic low back pain: relationships with pain and function  
Pain 159 (2018)342 - 50

- +Gerner,P. Kao,G., Srinivasa,V.,Narang,S., Wang,G.K.  
Topical amitriptyline in healthy volunteers  
Reg Anesth Pain Med 28 (2003)289 – 93
- +Gerrits,M.M.J.G. van Oppen, P., van Marwijk,H.W.J., Penninx,B.W.J.H., van der Horst,H.E.  
Pain and the onset of depressive and anxiety disorders  
Pain 155 (2014)53 - 9
- +Gerrits,M.M.J.G. Vogelzangs,N., van Oppen,P., van Marwijk,H.W.J., van der Horst,H., Penninx,B.W.J.H.  
Impact of pain on the course of depressive and anxiety disorders  
Pain 153 (2012)420 - 36
- +Gerrits,P.O. Mouton,L.J., de Weerd,H., Georgiadis,J.R., Krukerink,M., Holstege,G.  
Ultrastructural evidence for a direct excitatory pathway from the nucleus retroambiguus to lateral longissimus and quadratus lumborum motoneurons in the female golden hamster  
J Comp Neurol 480 (2004)352 – 63
- +Gerdesmeyer,L. Gollwitzer,H., Diehl,P., Wagner,K.  
Evidence-based medicine and clinical trials in pain practice and orthopaedics  
Pain Practice 5 (2005)289-97
- +Gertzbein,S.D. Seligman,J., Holtby,R., Chan,K.W., Ogston,N., Kapasouri,A., Tile,M.,  
Centrode characteristics of the lumbar spine as a function of segmental instability  
Clin Orthop Relat Res 48 (1984)48 – 51
- Gerwin,R. et al. Low back pain  
In:Ferguson,L.W. & Gerwin,R.: Clinical mastery in the treatment of myofascial pain; Lippincott Williams & Wilkins, Philadelphia u.a., 2005, pp. 227 – 268
- Gerwin,R. Shannon,S., Hong,C.Z., Hubbard,D., Gevirtz,R.  
Interrater reliability in myofascial trigger point examination

- Pain 69 (1997)65 – 73 (zit. Huguenin, 2004)
- +Geurts,J.W. Joosten,E.A., van Kleef,M.
- Curret status and future perspectives of spinal cord stimulation in treatment of chronic pain
- Pain 158 (2017)771 - 4
- (+)Geurts,J.W. Smits,H., Kemler,M.A., Brunner,F., Kessels,A.G., van Kleef,M.
- Spinal cord stimulation for complex regional pain syndrom type I: a prospective cohort study with long-term follow-up
- Neuromodulation 16 (2013)523 – 9 (Internetzugriff 14.7.17)
- +Geva,N. Defrin,R.
- Enhanced pain modulation among triathletes: A possible explanation for their exceptional capacities
- Pain 154 (2013)2317 - 23
- +Gewandter,J.S. Dworkin,R.H., Turk,D.C., Farrar,J.T., Fillingim,R.B., Gilron,I., Markman,J.D., Oaklander,A.L., Polydefkis,M.J., Raja,S.N. und weitere 23 Autoren
- Research design considerations for chronic pain prevention trials: IMMPACT recommendations
- Pain 156 (2015)1184 - 97
- +Gewandter,J.S. Frazer,M.E., Cai,X., Chiodo,V.F., Rast,S.A., Dugan,M., Carter,H.A., Rahmani,R., Stone,J.J., Markman,J.D.
- Extended-release gabapentin for failed back surgery syndrome: results from a randomized doble-blind cross-over study
- Pain 160 (2019)1029 - 36
- +Ghaffari,M. Alipour,A., Farshad,A.A., Jensen,I., Josephson,M., Vingard,E.
- Effect of psychosocial factors on low back pain in industrial workers
- Occup Med (Lond) 58 (2008)341 – 7
- +Ghaffari,M. Alipour,A., Farshad,A.A., Jensen,I., Vingard,E.
- Incidence and recurrence of disabling low back pain and neck-shoulder pain
- Spine 31 (2006)2500 – 6

- +Ghaffari,M. Alipour,A., Jensen,I., Farshand,A.A., Vingard,E.  
Low back pain among Iranian industrial workers  
Occup Med (Lond)56 (2006)455 – 60
- +Ghofouri,N. Ghafouri,B., Larsson,B., Stensson,N., Fowler,C.J., Gerdle,B.  
Palmitoylethanolamide and stearoylethanolamide levels in the interstitium of the trapezius muscle of women with chronic widespread pain and chronic neck-shoulder pain correlate with pain intensity and sensitivity  
Pain 154 (2013)1649 - 58
- (-)Ghamkhar,L. Kahlaee,A.H.  
Pain and pain-related disability associated with proprioceptive impairment in chronic low back pain patients: a systematic review  
J Manipul Physiol Ther (2018) in press  
doi.org/10.1016/j.jmpt.2018.10.004
- +Ghelfof,E.L.M. Crombez,G., van dem Bussche,E., Vinck,J., van Nieuwenhuyse,A., Moens,G., Mairiaux,P., Vlaeyen,J.W.S.  
Pain-related fear predicts disability, but not pain severity: a path analytic approach of the fear avoidance model  
Eur J Pain 14 (2010)870: e1 – 9
- +Ghelfof,E.L.M. Vinck,J., Vlaeyen,J.W.S., Hidding,A., Crombez,G.  
The differential role of pain, work characteristics and pain related fear in explaining back pain and sick leave in occupational settings  
Pain 113 (2005)71 - 81
- +Ghelfof,E.L.M. Vinck,J., Vlaeyen,J.W.S., Hidding,A., Crombez,G.  
Development of and recovery from short- and long-term low back pain in occupational settings: A prospective cohort study  
Eur J Pain 11 (2007)841 – 54
- Ghez,C. The control of movements. Motor system of the brain: reflex and voluntary control of movement  
In: Kandel,E.R., Schwarz,J.H., Jessel,T.M. (eds): Principles of neural science. Appleton & Lange, Connecticut, 1991 (zit Beyer, 2009)
- +Ghilardi,J.S. Svensson,C.I., Rogers,S.D., Yaksh,T.L., Mantyh,P.W.,

Constitutive spinal cyclooxygenase-2 participates in the initiation of tissue injury-induced hyperalgesia

J Neurosci 24 (2004)2727 – 32

-Ghone,S.

Hypertension-associated hypalgesia. Evidence in experimental animals and humans, pathophysiological mechanisms, and potential clinical consequences

Hypertension 28 (1996)494 – 504 (zit. Olsen et al., 2013)

+Ghosh,P.

Die Rolle von mechanischen und genetischen Faktoren in der Degeneration der Bandscheibe

(Übersetzung aus J Man Med 5 (1990)62 – 5)

Manuelle Med 29 (1991)21 - 5

+Giakas,G.

Batzopoulos,V., Dangerfield,P.H., Dorgan,J.C., Dalmira,S.

Comparison of gait patterns between healthy and scoliotic patients using time and frequency domain analysis of ground reaction forces

Spine 21 (1996)2235 – 42

+Gianetti,B.M.

Staiger,C., Bulitta,M., Predel,H.G.

Efficacy and safety of comfrey root extract in the treatment of acute upper or lower back pain: results of a double-blind, randomized, placebo controlled, multicenter trial

Br J Sports Med 44 (2010)637 – 41

+Gianola,S.

Andreano,A., Castellini,G., Moja,L., Valsecchi,M.G.

Multidisciplinary biopsychosocial rehabilitation for chronic low back pain: the need to present minimal important differences units in meta-analysis

Health Qual Life Outcom 16 (2018)91  
[doi.org/10.1186/s12955-018-0924-9](https://doi.org/10.1186/s12955-018-0924-9)

+Gianola,S.

Bargeri,S., del Castillo,G., Corbetta,D., Turolla,A., Andreano,A., Moja,L., Castellini,G.

Effectiveness of treatments for acute and subacute mechanical non-specific low back pain: a systematic review with network meta-analysis

Br J Sports Med 56 (2021)41 – 50 doi.org/10.1136/bjsports-2020-103506

+Gianola,S.

Castellini,G., Agostini,M., Bolotta,R., Corbetta,D., Frigerio,P., Gasparini,M., Gozzer,P. und weitere 7 Autoren

Reporting of rehabilitation intervention for low back pain in randomized controlled trials: is the treatment fully replicable?

Spine 41 (2016)412 - 8

+Giardino,N.D.

Jensen,M.P., Turner,J.A., Ehrde,D.M., Cardenas,D.D.

Social environment moderates the association between catastrophising and pain among persons with a spinal cord injury

Pain 106 (2003)19 – 25

-Gibbs,J.L. et al.

Attenuation of capsaicin-evoked mechanical allodynia by peripheral neuropeptides Y Y1-receptors

Pain 124 (2006)167 – 74

+Gibbons,L.E.

Videman,T., Battie,M.C.

Isokinetic and psychophysical lifting strength, static back muscle endurance, and magnetic resonance imaging of the paraspinal muscles as predictors of low back pain in men

Scand J Rehabil Med 29 (1997)2412 – 21

Gibson,A.J.

Grant,I.C., Waddel,G.

The Cochrane review of surgery for lumbar disc prolapse and degenerative spondylosis

Spine 24 (1999)820 – 32

Gibson,J.N.

Grant,I.C., Waddell,G.

The Cochrane review of surgery for lumbar disc prolapse and degenerative lumbar spondylosis

Spine 24 (1999)1820 – 32 (zit. Willem et al., 2007)

Gibson,J.N.A.

Waddell,G.

Surgery for degenerative lumbar spondylosis

West Sussex, UK: The Cochrane Library, The Cochrane Collaboration Vol. 4, 2005 (zit. Haig, 2006)

Gibson,J.N.A.

Waddel,G.

Surgical interventions for lumbar disc prolaps: updated Cochrane review

Spine 32 (2007)1735 - 47

- +Gibson,P.H. Papaioannou,T., Kenwright,J  
The influence on the spine of leg-length discrepancy after femoral fracture  
J Bone Joint Surg Am 65B (1983)584 - 7
- +Gibson,T. Grahame, R., Harkness,J., Woo,P., Blaggrave,P., Hills,R.  
Controlled comparison of short-wave diathermy treatment with osteopathic treatment in non-specific low back pain  
Lancet (1985)1: 1258 – 61
- +Gibson,W. Arendt-Nielsen,L., Graven-Nielsen,T.  
Referred pain and hyperalgesia in human tendon and muscle belly tissue  
Pain 120 (2006)113 – 123
- +Gibson,W. Palsson,T.S., Coopers,E., Wand,R.M., Travers,M.J.  
Letters to the editor  
Spine J 18 (2018)1961 - 3
- Giesecke,T. et al. Verbesserung von Schmerzniveau und Lebensqualität durch Jurnista (OROS-Hydromorphone 1x täglich) bei Patienten mit chronischen Rückenschmerzen  
Schmerz 20 (2006) Suppl.1, S113 – 4
- +Giesecke,T. Gracely,R.H., Clauw,D.J., Nachemson,A., Dück,M.H., Sabatowski,R., Gerbershagen,H.J., Williams,D.A., Petzke,F.  
Zentrale Schmerzverarbeitung bei chronischem Rückenschmerz. Hinweise auf verminderte Schmerzinhibition  
Schmerz 20 (2006)411 – 17
- +Giesecke,T. Gracely,R.H., Grant,M.H., Nachemson,A., Petzke,F., Williams,D.A., Clauw,D.J.  
Evidence of augmented central pain processing in idiopathic chronic low back pain  
Arthritis Rheum 50 (2004)613 – 23
- +Gilbert,J.R. Taylor,D.W., Hildebrand,A., Evans,C.  
Clinical trial of common treatments for low back pain in family practice  
Br Med J Clin Res Ed 291 (1985)789 - 92

- Gilbert,K.K. Brismee,J.-M., Collins,D.L., James,C.R., Shah,R.V. et al.  
2006 Yong Investigator Award winner: Lumbosacral nerve root displacement and strain. Part 1: A novel measurement technique during straight leg raise in unembalmed cadavers  
Spine 32 (2007a)1513 – 20
- +Gilbert,K.K. Brismee,J.-M., Collins,D.L., James,C.R., Shah,R.V. et al.  
2006 Yong Investigator Award winner: Lumbosacral nerve root displacement and strain. Part 2.A comparison of 2 straight leg raise conditions in unembalmed cadavers  
Spine 32 (2007b)1521 - 5
- Gilbert,P. Allan,S.  
The role of defeat and entrapment (arrested flight) in depression: an exploration of an evolutionary view  
Psychol Med 28 (1998)585 – 598 (zit. Tang et al., 2007)
- +Gilbertson,L. Ahn,S.H., Teng,P.N., Studer,R.K., Niyibizi,C., Kang,J.D.  
The effects of recombinant human bone morphogenetic protein-2, recombinant human bone morphogenetic protein-12, and adenoviral bone morphogenetic protein-12 on matrix synthesis in human annulus fibrosis and nucleus pulposus cells  
Spine J 8 (2008)449 - 56
- +Giles,B.E. Walker,J.S.  
Sex differences in pain and analgesia  
Pain Rev 7 (2000)181 – 93
- +Giles,L.G. Lumbosacral facet joints angels associated with leg length inequality  
Rheumatol Rehabil 20 (1981)233 – 8
- Giles,L.G.F. Harvey,A.R.  
Immunhistochemical demonstration of nociceptors in the capsule and synovial folds of zygoapophyseal joints  
Br J Rheumatol 26 (1987)362 – 4 (zit. Gerwin et al., 2005)
- Giles,L.G.F. Müller,R.

Chronic spinal pain syndromes: a clinical pilot trial comparing acupuncture, a nonsteroidal anti-inflammatory drug, and spinal manipulation

J Manipulative Physiol Ther 22 (1999)376 – 381

+Giles,L.G.F.

Müller,R.

Chronic spinal pain : A randomized clinical trial comparing medication, acupuncture and spinal manipulation

Spine 28 (2003)1490 - 1503

+Giles,L.G.F.

Taylor,J.F.

Low back pain associated with leg length inequality

Spine 6 (1981)510 – 21

+Giles,L.G.F.

Taylor,J.F.

Lumbar spine structural changes associated with leg length inequality

Spine 7 (1982)159 – 62

+Gilgil,F.

Kacar,C., Bütün,B., Tuncer,T., Urhan,S., Yıldırım,C., Sünbuloğlu,G., Arıkan,V., Tekeoglu,I., Öksüz,M.C., Dündar,Ü.

Prevalence of low back pain in a developing urban setting

Spine 30 (2005)1093 – 8

+Gill,G.G.

Manning,J.G., White,H.L.

Surgical treatment of spondylolisthesis without spine fusion

J Bone Joint Surg Am 37 (1955)493 – 520

Gill,K.P.

Bennett,S.J., Savelbergh,G.J.P., van Dieen,J.H.

Regional changes in spine posture at lift onset with changes in lift distance and lift style

Spine 32 (2007)1599 – 1604

+Gill,K.P.

Callaghan,M.J.

The measurement of lumbar proprioception in individuals with and without low back pain

Spine 23 (1998)371 – 7

+Gillen,C.

Haurand,M., Kobelt,D.J., Wnendt,S

Affinity, potency and efficacy of tramadol and its metabolites at the cloned human mu-opioid receptor

Naunyn Schmiedeberg Arch Pharmacol 362 (2000)116 – 21

+Gillette,R.G.

A speculative argument for the coactivation of diverse somatic receptor populations by forceful chiropractic adjustments

Man Med 1 (1983) 10 – 7

+Gillette,R.G.

Kramis,R.C., Roberts,W.J.

Characterisation of spinal somatosensory neurons having receptive fields in lumbar tissues of cats

Pain 54 (1993)85 – 98

+Gilliam,W.P.

Cramer,J.R., Morrison,E.J., Sperry,J.A.

The mediating effects of the different dimensions of catastrophizing on outcomes in an interdisciplinary pain rehabilitation program

Clin J Pain 33 (2017)443 - 51

+Gilligan,C.

Volschenk,W., Russo,M., Green,M., Gilmore,C., Mehta,V., Deckers,K., de Smedt,K und weitere 25 Autoren

An implantable restorative-neurostimulator for refractory mechanical chronic low back pain: a randomized sham-controlled clinical trial

Pain 162 (2021)2486 – 98

[doi.org/10.1097/j.pain.2021.0000000000002258](https://doi.org/10.1097/j.pain.2021.0000000000002258)

+Gilligan,C.J.

Cohen,S.P., Fischetti,V.A., Hirsch,J.A., Czaplewski,L.G.

Chronic low back pain, bacterial infection and treatment with antibiotics

Spine J 21 (2021)903 – 14

[doi.org/10.1016/j.spinee.2021.02.013](https://doi.org/10.1016/j.spinee.2021.02.013)

+Gillitzer,R.

Goebeler,M.

Chemokines in cutaneous wound healing

J Leucoc Biol 69 (2001)513 – 21

+Gilron,I.

Bailey,J.M., Vandenkerkhof,E.G.

Chronobiological characteristics of neuropathic pain. Clinical predictors of diurnal pain rhythmicity

Clin J Pain 29 (2013a)755 - 9

+Gilron,I.

Tu,D., Holden,R.R.

Sensory and affective pain descriptors respond differentially to pharmacological interventions in neuropathic conditions

Clin J Pain 29 (2013)124 - 31

-Gimbel,J.

Linn,R., Hale,M., Nicholson,B.

Lidocaine patch treatment in patients with low back pain: results of an open-label, nonrandomized pilot study

Am J Ther 12 (2005)311 – 9 (zit. Xiao et al., 2008)

+Gimbel,J.S.

Kivitz,A.J., Bramson,C., Nemeth,M.A., Keller,D.S., Brown,M.T., West,C.R., Verburg,K.M.

Long-Term safety and effectiveness of tanezumab as treatment for chronic low back pain

Pain 155 (2014)1793 - 1801

+Girard,M.

Plansont,B., Bonnabau,H., Malauzat,D.

Experimental pain hypersensitivity in schizophrenic patients

Clin J Pain 27 (2011)790 - 5

+Giulian,D.

Baker,T.J., Shih,L.C., Lachman,L.B.

Interleukin 1 of the central nervous system is produced of the ameboid microglia

J Exp Med 164 (1986)594 – 604

+Giulian,D.

Corpuz,M., Richmond,B., Wendt,E., Hall,E.R.

Activated microglia are the principal glial source of thromboxane in the central nervous system

Neurochem Int 29 (1996)65 – 76

(+)Gizzi,L.

Röhrle,O., Petzke,F., Falla,D.

People with low back pain show reduced movement complexity during their most active daily tasks

Eur J Pain (2018) first published 23.9.2018;  
doi.org/10.1002/ejp.1318

+Gjesdal,S.

Bratberg,E., Maeland,J.G.

Musculoskeletal impairments in the Norwegian working population: the prognostic role of diagnoses and socioeconomic status. A prospective study of sickness absence and transition to disability pension

Spine 34 (2009)1519 - 25

+Glaeser,J.D.

Salehi,K., Kanim,L.E.A., NaPier,Z., Kropf,M.A., Cuellar,J.M., Perry,T.G., Bae,H.W., Sheyn,D.

NF-kappaB inhibitor, NEMO-binding domain peptide attenuates intervertebral disc degeneration

Spine J 20 (2020)1480 - 91

Glansbeck,H.L. et al.

Bone morphogenetic protein 2 stimulates articular cartilage proteoglycan synthesis in vivo but does not counteract interleukin-1 alpha effects on proteoglycan synthesis and content

Arthritis Rheumatol 40 (1997)1020 – 8 (zit. Huang et al, 2007)

+Glaser,J.A.

Jaworski,B.A., Cuddy,B.G., Albert,T.J., Hollowell,J.P., McLain,R.F., Bozzette,S.A.

Variation in surgical opinion regarding management of selected cervical spine injuries: a preliminary study

Spine 23 (1998)975 – 82

+Glassman,S.D.

Carreon,L.Y., Brown,M.E., Jones,J.S., Edward,J., Li,J., Williams,M.V.

The impact of health literacy on health status and ressource utilisation in lumbar degenerative disease

Spine J 19 (2019)711 - 6

+Glassman,S.D.

Carreon,L.Y., Shaffrey,C.I., Polly,D.W., Ondr,S.I., Berven,S.H., Bridwell,K.H.

The costs and benefits of nonoperative management for adult scoliosis

Spine 35 (2010)578 – 59

+Glette,M.

Stiles,T.C., Jensen,M.P., Nilsen,T.I.L., Borchgrevink, P.C., Landmark,T.

Impact of pain and catastrophising on the long-term course of depression in the general population: the HUNT pain study

Pain 162 (2021)1650 – 8  
[doi.org/10.1097/j.pain.0000000000002168](https://doi.org/10.1097/j.pain.0000000000002168)

- +Glombiewski,J.A. Expositionstherapie bei chronischen Rückenschmerzen  
Schmerz 32 (2018)274 - 82
- +Glombiewski,J.A. Hartwich.Tersek,J., Rief,W.  
Attrition in cognitive-behavioral treatment of chronic back pain  
Clin J Pain 26 (2010)593 - 601
- +Glombiewski,J.A. Riecke,J, Holzapfel,S., Rief,W., König,S., Lachnit,H., Seifart,U.  
Do patients with chronic pain show autonomic arousal when confronted with feared movements? An experimental investigation of the fear-avoidance model  
Pain 156 (2015)547 - 54
- +Glombiewski,J.A. Tersek,J., Rief,W.  
Muscular reactivity and specificity in chronic back pain patients  
Psychosom Med 70 (2008)125 - 31
- +Glorioso,J.C. Fink,D.J.  
Herpes vector-mediated gene transfer in the treatment of chronic pain  
Mol Ther 17 (2009)13 - 8
- +Glover,J.R. Morris,J.G., Khosla,T.  
Back pain: a randomized clinical trial of rotational manipulation of the trunk  
Br J Industr Med 31 (1974)59 – 64
- +Gluck,G.S. Bendo,J.A., Spivak,J.M.  
The lumbar spine and low back pain in golf: a literature review of swing biomechanics and injury prevention  
Spine J 8 (2008)778 – 88
- +Gnjidic,D. Blyth,F.M., Le Couteur,D.G., Cumming,R.C., McLachlan,A.J., Handelsman,D.J., Seibel,M., Waite,L., Naganathan,V.  
Nonsteroidal anti-inflammatory drugs (NSAIDs) in older people: Prescribing patterns according to pain prevalence and adherence to clinical guidelines  
Pain 155 (2014)1814 - 20



- Schmerz 15 (2001)92 - 8
- +Göbel,H. Evidenz für den Einsatz von Botulinumtoxin in der neurologischen Schmerztherapie
- Nervenheilkunde 25 (2006)547 - 61
- +Göbel,H. Heinze,A., Ingwersen,M., Niederberger,U., Gerber,D.
- Haepagophytum-Extrakt LI 174 (Teufelskralle) bei der Behandlung unspezifischer Rückenschmerzen. Effekte auf die sensible, motorische und vasculäre Muskelreagibilität
- Schmerz 15 (2001)10 – 8
- +Goel,A. Meralgia paresthetica secondary in limb length discrepancy
- Arch Phys Med Rehab 80 (1999)348 – 9
- +Goel,V. Kong,W., Han,J.S., Weinstein,J.N., Gilbertson,L.G.
- A combined finite-element and optimization investigation of lumbar spine mechanics with and without muscles
- Spine 18 (1993)1531 – 41
- +Goel,V.K. Molitor,S.C.
- Effects of rate of loading on viscoelastic supraspinous ligament inflammation and cumulative lumbar disorder (commentary)
- Spine J 10 (2010)1086 - 8
- +Goertz,C.M. Long,C., Hondras,M.A., Petri,R., Delgado,R., Lawrence,M.A., Owens,E.F., Meeker,W.C.
- Adding chiropractic manipulative therapy to standard medical care for patients with acute low back pain
- Spine 38 (2013)627 – 34
- (+)Goertz,C.M. Long,C.R., Vining,R.D., Pohlman,K.A., Walter,J., Coulter,I
- Effect of usual medical care plus chiropractic care vs usual medical care alone on pain and disability among US service members with low back pain. A comparative effectiveness clinical trial
- JAMA Netw Open(2018)1:1 e 180105  
doi/10.1001/jamanetworkopen.2018.0105
- +Goertz,C.M. Weeks,W.B., Justice,B., Haldeman,S.

A proposal to improve health-care value in spine care delivery: the primary spine practitioner

Spine J 17 (2017)1570 - 4

+Goesling,J.

Brummet,C.M., Hassett,A.L.

Cigarette smoking and pain: Depressive symptoms mediate smoking-related pain symptoms

Pain 153 (2012)1749 - 54

+Goesling,J.

DeJonckheere,M., Pierce;J., Williams,D.A., Brummet,C.M., Hassett,A.L., Clauw,D.J.

Opioid cessation and chronic pain: perspectives of former opioid users

Pain 160 (2019)1131 - 45

+Goetzel,R.Z.

Hawkins,K., Ozminkowski,R.J., Wang,S.

The health and productivity cost burden of the “top 10” physical and mental health conditions affecting six large U.S. employers in 1999

J Occup Environ Med 45 (2003)5 – 14

+Gofeld,M.

Jitendra,J., Faclier,G.

Radiofrequency denervation oft the lumbar zygapophyseal joints. 10-year prospective clinical audit

Pain Physician 10 (2007)291 – 300

+Goffaux,P.

Redmond,W.J., Rainville,P., Marchand,S.

Descending analgesia – When the spine echoes what the brain expects

Pain 130 (2007)137 - 43

+Gofton,J.

Persistent low back pain and leg length disparity

J Rheumatol 12 (1985)747 – 50

+Gogia,P.P.

Schneider,V.S., le Blanc, A.D., Krebs,J., Kasson,C., Pientok,C.

Bed rest effect on extremity muscle torque in healthy men

Arch Phys Med Rehabil 69 (1988)1030 - 2

+Gokin,A.P.

Fareed,M.U., Pan,H.L., Hans,G., Strichartz,G.B., Davar,G.

- Local injection of endothelin-1 produces pain-like behavior and excitation on nociceptors in rats  
J Neurosci 21 (2001)5358 – 66
- +Gold,L.S.  
Hansen,L.S., Avins,A.L., Bauer,Z., Comstock,B.A., Deyo,R.A., Heagerty,P.J., Rundell,S.D. und weitere 3 Autoren
- Associations of early opioid use with patient-reported outcomes and health care utilization among older adults with low back pain  
Clin J Pain 34 (2018)297 - 305
- Gold,M.R.  
Siegel,J.E., Russel,L.B. Weinstein,M.C. (eds.)  
Cost-effectiveness in health and medicine  
New York: Oxford University Press, 1996
- +Gold,M.S.  
Shuster,M.J., Levine,J.D.  
Characterisation of six voltage-gated K<sup>+</sup> currents in adult rat sensory neurons  
J Neurophysiol 75 (1996)2629 – 46
- +Gold,M.S.  
Levine,J.D., Correa,A.M.  
Modulation of TTX-R INa by PKC and PKA and their role in PGE2-induced sensitisation of rat sensory neurons in vitro  
J Neurosci 18 (1998)10345 – 55
- +Gold,R.H.  
Orphenadrine citrate: sedative or muscle relaxant?  
Clin Ther 1 (1978)451 – 3
- +Gold,R.H.  
Treatment of low back syndrome with oral orphenadrine citrate  
Curr Ther Res 23 (1978)271 – 6
- +Goldberg,M.S.  
Scott,S.C., Mayo,N.E.  
A review of the association between cigarette smoking and the development of nonspecific back pain and related outcomes  
Spine 25 (2000)995 – 1014
- +Goldberg,Y.  
Macfarlane,J., Macdonald,M. Thompson,J., Dube,M.P., Mattice,M. und weitere 24 Autoren

Loss-of-function mutations in the Na(v)1.7 gene underlie congenital indifference to pain in multiple human populations

Clin Genet 71 (2007)311 – 9

Goldby,L.

Moore,A., Doust,J., Trew,M., Lewis,J.

A randomized controlled trial investigating the efficacy of manual therapy, exercises to rehabilitate spinal stabilisation and an educational booklet in the conservative treatment of chronic low back pain

Proceedings of the 7<sup>th</sup> Scientific Conference of the International Federation of Orthopaedic Manipulative Therapists. Perth, Australia, 2000, pp 169 - 71 (zit. Ferreira et al., 2006)

+Goldby,L.J.

Moore,A.P., Doust,J., Trew,M.E.

A randomized controlled trial investigating the efficiency of musculoskeletal physiotherapy on chronic low back disorder

Spine 31 (2006)1081 – 93

+Golden,J.P.

Hoshi,M., Nassar,M.A., Enomoto,H., Wood,J.N., Milbrandt,J., Gereau,R.W., Johnson Jr., E.M., Jain,S.

RET signalling is required for survival and normal function of nonpeptidergic nociceptors

J Neurosci 30 (2010)3983 – 94

+Golder,W.A.

Phraseology of disc herniation: an inevitable revision. Passing the posterior disc prolapse – retrolapse is superior

Spine 37 (2012)1920 - 1

+Goldfarb,A.H.

Jamutas,A.Z.

Beta-endorphin response to exercise. An update

Sports Med 24 (1997)8 – 16

+Goldie,I.

A clinical trial with indomethacin (Indomee) in low back pain and sciatica

Acta Orthop Scand 39 (1968)117 – 28

+Goldin,A.L.

Barchi,R.L., Caldwell,J.H., Hofmann,F., Howe,J.R., Hunter,J.C. und weitere 9 Autoren

Nomenclature of voltage-gated sodium channels

Neuron 28 (2000)3100 - 7

- +Goldin,P.R. McRae,K., Philippe,R., Ramel,W., Gross,J.J.  
The neural basis of emotion regulation: reappraisal and suppression of negative emotion  
*Biol Psychiat* 63 (2008)577 – 86
- +Goldman,N. Chen,M., Fujita,T., Xu,Q., Peng,W., Liu,W., Jensen,T.K., Pei,Y., Wang,F., Han,X., Chen,J.F., Schnerman,J., Takano,T., Bekar,L., Tieu,K., Nedergard,M.  
Adenosin A1 receptors mediate local anti-nociceptive effects of acupuncture  
*Nat Neurosci* 13 (2010a)883 – 8
- +Goldmann,R. Bornscheuer,A., Kirchner,E.  
Gelenkblockierung und gestörtes Gelenkspiel unter Muskelrelaxation  
*Manuelle Med* 35 (1997)56 - 8
- +Goldman,R.H. Stason,W.B., Park,S.K., Kim,R., Mudgal,S., Davis,R.B., Kaptchuk,T.J.  
Low-dose amitriptyline for treatment of persistent arm pain due to repetitive use  
*Pain* 149 (2010)117 - 23
- +Goldman,S. Moyer,M.  
Neuromusculoskeletal causes of back pain in competitive figure skaters  
*AAO J* 17 (2007)2: 13 – 17
- +Goldring,S.R. Pathogenesis of bone and cartilage destruction in rheumatoid arthritis  
*Rheumatology (Oxf)* 42 (2003)Suppl.2: 11 – 6
- +Goldstein,D.J. Lu,Y., Detke,M.J., Lee,T.C., Iyengar,S.  
Duloxetin vs. placebo in patients with painful diabetic neuropathy  
*Pain* 116 (2005)109 – 18
- +Goldstein,F.J. Adjuncts to opioid therapy  
*J Am Osteopath Assoc* 102 (2002)S 15 – 21
- +Goldstein,I.M. Lind,S., Hoffstein,S., Weissmann,G.

Influence of local anesthetics upon human polymorphonuclear leucocyte function in vitro. Reduction of lysosomal enzyme release and superoxide anion production

J Exp Med 146 (1977)483 – 94

Goldthwaite,J.E. –n-

Osgood,R.B.

A consideration of the pelvic articulation from an anatomical, pathological and clinical standpoint

Boston Med Surg J 152 (1905)593 – 601 (zit. Cibulka & Koldehoff, 1999)

+Golish,S.R.

Hanna,L., Woolf,N, Dent,K., Carragee,E., Bowser,R., Scuderi,G.J.

Functional outcome after lumbar epidural steroid injection is predicted by a novel complex of fibronectin and aggrecan

Proceedings of the 25th annual meeting of the north american spine society, 2010

Spine J 10 (2010)9S : 29S – 30S

+Golish,S.R.

Hanna,L.S., Bowser,R.P., Montesano,P.X., Carragee,E.J., Scuderi,G.J.

Outcome of lumbar epidural steroid injection is predicted by assay of a complex of fibronectin and aggrecan from epidural lavage

Spine 36 (2011)1464 - 9

+Golubovsky,J.L.

Colbrunn,R.W., Klatte,R.S., Nagle,T.F., Briskin,I.N., Chakravarthy,V.B., Gilespie,C.M., Reith,J.D., Jasty,N., Benzel,E.C., Steinmetz,M.P.

Development of a novel cadaveric model for analysis of biomechanics and surgical treatment of Bertolotti syndrome

Spine J 20 (2020)638 - 56

+Gombert,S.

Rhein,M., Eberhardt,M., Münster,T., Bleich,S., Leffler,A., Frieling,H.

Epigenetic divergence in the TRPA1 promoter correlates with pressure pain thresholds in healthy individuals

Pain 158 (2017)698 - 704

+Gomez,D.E.

Alonso,D.F., Yoshiji,H., Thorgeirsson,U.P.

Tissue inhibitors of metalloproteinase: structure, regulation and biological functions

- Eur J Cell Biol 74 (1997)111 – 22
- +Gomez,R.  
Por,E.D., Berg,K.A., Clarke,W.P., Glucksman,M.J.  
Metallopeptidase inhibition potentiates bradykinin-induced hyperalgesia  
Pain 152 (2011)1548 - 54
- Gomeza,J.  
Armsen,W., Betz,H., Eulenburg,V.  
Lessons from the knocked-out glycine transporters  
Handb Exp Pharmacol 2006: 457 – 83 (zit. Centeno et al., 2009)
- +Gonzalez-Urzelai,V.  
Palacio-Elua,L., Lopez-de-Munain,J.  
Routine primary care management of acute low back pain: adherence to clinical guidelines  
Eur Spine J 12 (2003)589 – 94
- +Goode,A.P.  
Cleveland,R.J., Schwartz,T.A., Nelson,A.E., Kraus,W.B.  
Hillstrom,H.J., Hannan,M.T., Flowers,P., Renner,J.B.,  
Jordan,J.M., Golightly,Y.M.  
Relationship of joint hypermobility with low back pain and lumbar spine osteoarthritis  
BMC Musculoskel Disord 20 (2019)158
- Goodwin,R.  
Goodwin,N.  
An audit into a spinal rehabilitation programme  
Br J Ther Rehabil 7 (2000)275 – 81 (zit Liddle et al., 2004)
- +Goossens,M.E.J.B.  
Vlaeyen,J.W.S., Hidding,A., Kole-Snijders,A., Evers,,S.M.A.A.  
Treatment expectancy affects the outcome of cognitive-behavioral interventions in chronic pain  
Clin J Pain 21 (2005)18 – 26
- +Goossens,N.  
Janssens,L., Brumage,S.  
Changes in the organisation of the secondary somatosensory cortex while processing lumbar proprioception and the relationship with sensorimotor control in low back pain  
Clin J Pain 35 (2019)394 - 406
- +Goossens,R.H.  
Snijders,C.J.

- Free shoulder space requirements in the design of high backrests  
Ergonomics 46 (2003)518 – 30
- +Gordh,T.E.  
Stubhaug,A., Jensen,T.S., Arner,S., Biber,B., Boivie,J., Mannheimer,C., Kalliomäki,J., Kalso,E.
- Gabapentin in traumatic nerve injury pain: A randomized, double-blind, placebo-controlled, cross-over, multi-center study  
Pain 138 (2008)255 - 66
- +Gordh,T.  
Chu,H., Sharma,S.
- Spinal nerve lesion alters blood-spinal cord barrier function and activates astrocytes in the rat  
Pain 124 (2006)211 – 21
- +Gordon,J.A.  
Hen,R.
- Genetic approaches to the study of anxiety  
Annu Rev Neurosci 27 (2004)193 – 222
- +Gordon,M.  
Greenfield,E., Marvin,J., Hester,C., Lauterbach,S.
- Use of pain assessment tools: is there a preference?  
J Burn Care Rehabil 19 (1998)451 - 4
- +Gore,D.R.  
Carrera,G.F., Glaeser,S.T.
- Smoking and degenerative changes of the cervical spine: a roentgenographic study  
Spine J 6 (2006)557 - 60
- +Gore,M.  
Sadosky,A.B., Leslie,D.L., Tai,K.S., Emery,P.
- Therapy switching, augmentation, and discontinuation in patients with osteoarthritis and chronic low back pain  
Pain Pract 12 (2012a)457 – 68
- +Gore,M.  
Tai,K.S., Sadoski,A., Leslie,D., T
- Stacey,B.R.
- Use and costs of prescription medication and alternative treatments in patients with osteoarthritis and chronic low back pain in community-based settings

Pain Pract 12 (2012)550 - 60

+Goren,A.

Yildiz,N., Topuz,O., Findikoglu,G., Ardic,F.

Efficacy of exercise and ultrasound in patients with lumbar degenerative stenosis: a prospective randomized controlled trial

Clin Rehabil 24 (2010)623 – 31

-Gorfield,Y. et al.

Facet joint changes after chemonucleolysis-induced disc spare narrowing

Spine 11 (1986)944 – 50 (zit. Ferrara et al., 2005)

+Göring,A.

Möllenbeck,D., Schwarz,G.

Zum Einfluss dynamischer Yogaformen auf die Wirbelsäulenbeweglichkeit

Dt Zeitschr Sportmed 64 (2013)280 - 3

+Gorrell,L.M.

Conway,P.J., Herzog,W.

Differences in force-time parameters and electromyographic characteristics of two high-velocity, low-amplitude spinal manipulations following one another in quick succession

Chiropr Man Ther 28 (2020)67 doi.org/10.1186/s12998-020-00355-0

+Gosheger,G.

Liem,D., Ludwig,K., Greshake,O., Winkelmann,W.

Injuries and overuse syndromes in golf

Am J Sports Med 31 (2003)438 – 43

+Goss,D.L.

Moore,J.H.

Compliance wearing a heel lift during 8 weeks of military training in cadets with limb length inequality

J Orthop Sports Phys Ther 34 (2004)126 – 31

+Gosselin,R.D.

Varela,C., Banisadr,G., Mechighel,P., Rostene,W., Kitabgi,P., Melik-Parsadaniantz,S.

Constitutive expression of CCR2 chemokine receptor and inhibition by MCP-1/CCL-2 of GABA-induced currents in spinal cord neurons

J Neurochem 95 (2005)1023 – 34

+Goswami,R.

Anastakis,D.J., Katz,J., Davis,K.D.

A longitudinal study of pain, personality, and brain plasticity following peripheral nerve injury

Pain 157 (2016)729 - 39

+Gotfried,Y.

Bradford,D.S., Oegema,T.R.

Facet joint changes after chemonucleolysis-induced disc space narrowing

Spine 11 (1986)944 – 50

Gotlib,I.H.

Cane,D.B.

Self – report assessment of depression and anxiety

In: Kendall,P.C., Watson,D. eds. Anxiety and Depression. Distinctive and Overlapping Features, New York, NY, Academic Press 1989; 131 – 169 (zit. Geisser et al., 2006)

+Goubert,D.

de Pauw,R., Meeus,M., Willems,T., Cagnie,B., Schouppe,S., van Oosterwijck,J., Dhondt,E., Danneels,L.

Lumbar muscle structure and function in chronic versus recurrent low back pain : a cross-sectional study

Spine J 17 (2017)1285 - 96

(+)Goubert,D.

Meeus,M., Willems,T., da Pauw,R., Coppieters,I., Crombez,G., Danneels,L.

The association between back muscle characteristics and pressure pain sensitivity in low back patients

Scand J Pain 18 (2018)2 : doi.org/10.1515/sjpain-2017-0142, online 23.03.2018

+Goubert,L.

Crombez,G., van Damme,S.

The role of neuroticism, pain catastrophising and pain related fear in vigilance to pain: a structural equations approach

Pain 107 (2004)234 - 41

+Goubert,L.

Crombez,G., de Bourdeauhuij,I.

Low back pain, disability and back pain myths in a community sample: prevalence and interrelationships

Eur J Pain 8 (2004a)385 - 94

+Goubert,L.

Crombez,G., van Damme,S., Vlayen,J.W.S., Blijtebier,P., Roelofs,J.

- Confirmatory factor analysis of the Tampa Scale for Kinesiophobia  
Clin J Pain 20 (2004 b)103 – 10
- +Goubert,L.  
Francken,G., Crombez,G., Vansteenkiste,D., Lysens,R.  
Exposure to physical movement in chronic back pain patients: no evidence for generalisation across different movements  
Behav Res Ther 40 (2002)415 – 29
- +Goudet,C.  
Magnaghi,,V., Landry,M., Nagy,F., Gereau 4th,R.W., Pin,J.P.  
Metabotropic receptors for glutamate and GABA in pain  
Brain Res Rev 60 (2009)43 – 56
- +Goudman,L.  
de Smedt,A., Eldabe,S., Rigoard,P., Linderoth,B., de Jaeger,M., Moens,M.  
High-dose spinal cord stimulation for patients with failed back surgery syndrome : a multicenter effectiveness and prediction study  
Pain 162 (2021)582 – 90  
[doi.org/10.1097/j.pain.0000000000002035](https://doi.org/10.1097/j.pain.0000000000002035)
- +Gould,H.M.  
Atkinson,J.H., Chircop-Rollick,T., D'Andrea,J., Garfin,S., Patel,S.M., Funk,S.D., Capparelli,E.V. und 5 weitere Autoren  
A randomized placebo-controlled trial of desipramine, cognitive behavioral therapy and active placebo therapy for low back pain  
Pain 161 (2020)1341 - 9
- +Goupille,P.  
Jayson,M., Valat,J.P., Freemont,A.  
Matrix metalloproteinases: the clue to intervertebral disc degeneration?  
Spine 23 (1998)1612 – 26
- +Gourlay,G.K.  
Cherry,D.A., Cousins,M.J.  
A comparative study of the efficacy and pharmacogenetics of oral methadone and morphine in the treatment of severe pain in patients with cancer  
Pain 25 (1986)297 – 312
- Govender,S.  
Recombinant human bone morphogenetic protein-2 for treatment of open tibial fractures: A prospective, controlled, randomized study of four hundred and fifty patients

- J Bone Joint Surg Am 84 (2002)2123 – 34 (zit. Huang et al, 2007)
- +Govoni,S. Regazzi,M., Ranzani,G.N.  
Pain and the pharmacogenetics at the fuzzy border between pain physiopathology and pain treatment  
Eur J Pain Suppl 2 (2008)5 - 12
- +Grabiner,M.D. Koh,T.J., El Ghazawi,A.  
Decoupling of paraspinal excitation in subjects with LBP  
Spine 17 (1992)1219 – 23
- +Grace, T.G. Sweetser,E.R., Nelson,M.A., Ydens,L.R., Skipper,B.J.,  
Isokinetic muscle imbalance and knee joint injuries  
J Bone Joint Surg Am 66 (1984)734 – 40
- +Gracely,R.H. Pain language and evaluation (commentary)  
Pain 157 (2016)1369 - 72
- +Gracovetsky,S. A hypothesis for the role of the spine in human locomotion: a challenge to current thinking  
J Biomed Eng 7 (1985)205 – 16
- +Gracovetsky,S. Function of spine  
J Biomed Eng 8 (1986)217 – 23
- +Graf,K.J. Tolksdorf,W., von der Laage,D.  
Die Therapie von Schmerzsyndromen der Wirbelsäule mit periduralen Kortikoiden  
Schmerz 6 (1992)105 -9
- +Graf,M. Manuelle Diagnostik im Kopfgelenksbereich  
Manuelle Med 45 (2007)232 – 241
- +Graf,M. Moll,H., Schmidt-Rudloff,K.  
Bericht über die Arbeitstagung „Bewährte, aber gern vergessene Manipulationstechniken“ in Trier  
Manuelle Med 58 (2020)56 - 61
- +Graf,P. Glatt,M., Brune,K.

- Acidic nonsteroid anti-inflammatory drugs accumulating in inflamed tissue  
Experientia 31 (1975)951 – 3
- +Graham,B.A.  
Hughes,D.I.  
Defining populations of dorsal horn interneurons  
Pain 161 (2020)2434 - 6
- +Graham,D.  
COX-2 inhibitors, other NSAIDS and cardiovascular risk  
J Am Med Ass 296 (2006)1653 - 6
- +Graichen,H.  
Putz,R.  
Anatomische und funktionelle Aspekte von Brust- und Lendenwirbelsäule  
Manuelle Med 44 (2006)479 – 86
- +Grako,K.A.  
Ochiya,T., Barritt,D., Nishiyama,A., Stallcup,W.B.  
PDGF (alpha)-receptor is unresponsive to PDGF-AA in aortic smooth muscle cells from the NG2 knockout mouse  
J Cell Sci 112 (1999)905 – 15
- +Grako,K.A.  
Stallcup,W.B.  
Participation of the NG2 proteoglycan in rat aortic smooth muscle cell responses to platelet-derived growth factor  
Exp Cell Res 221 (1995)231 – 40
- +Grako,K.A.  
Stallcup,W.B.  
Participation of the NG2 proteoglycan in rat aortic smooth muscle cell responses to platelet-derived growth factor  
Exp Cell Res 221 (1995)231 – 40
- +Granado,N.S.  
Pietrucha,A., Ryan,M., Boyko,E.J., Hooper,T.I., Smith,B., Smith,T.C.  
Longitudinal assessment of self reported recent back pain and combat deployment in the millennium cohort study  
Spine 41 (2016)1754 - 63
- +Granados,Y.  
Cedeno,L., Rosillo,C., Berbin,S., Azocar,M., Molina,M.E., Lara,O., Sanchez,G., Pelaez-Ballestas,I.

- Prevalence of musculoskeletal disorders and rheumatic disorders in an urban community in Monagas State, Venezuela: a COPCORD study  
*Clin Rheumatol* 34 (2015)871 – 7
- +Granata,K.P.  
Marras,W.S., Davis,K.G.
- Biomechanical assessment of lifting dynamics, muscle activity and spinal loads while using three different styles of lifting belts  
*Clin Biomech* (Bristol, Avon)12 (1997)107 – 15
- +Granhed,H.  
Morelli,B.
- Low back pain among retired wrestlers and heavyweight lifters  
*Am J Sports Med* 16 (1988)530 – 3
- Grandjour,A. et al.  
INTERCARE International Investigations. European comparisions of costs and quality in the treatment of acute back pain  
*Spine* 30 (2005)969 – 75 (zit Fullen et al., 2007)
- +Grant,D.J.  
Bishop-Miller,J., Winchester,D.M., Anderson,M., Faulkner,S.
- A randomized controlled trial of acupuncture versus transcutaneous electrical nerve stimulation for chronic back pain in the elderly  
*Pain* 82 (1999)9 – 13
- +Grant,J.A.  
Courtemanche,J., Rainville,P.
- A non-elaborative mental stance and decoupling of executive and pain-related cortices predicts low back pain sensitivity in Zen meditators  
*Pain* 152 (2011)150 – 6
- Grant's  
Atlas of Anatomy  
Baltimore, Williams & Wilkins, 1991 (zit. Cummings, 2000)
- +Grantham,V.A.  
Backache in boys – a new problem?  
*Practitioner* 218 (1977)226 – 9
- +Grasshoff,C.  
Yin und Yang von GABA(A) – Rezeptoren im Rückenmark – warum Hemmung auch erregend sein kann  
*Schmerz* 21 (2007)Suppl., 15

- +Grasso,M.G. Clemenzi,A., Tonini,A., Pace,L., Cassilo,p., Cuccaro,A., Pompa,A., Troisi,E.
- Pain in multiple sclerosis: a clinical and instrumental approach
- Mult Scler 14 (2008)506 – 13
- +Grauers,A. Topalis,C., Möller,H., Normelli,H., Karlsson,M.A., Danielsson,A., Gerdhem,P.
- Prevalence of back problems in 1069 adults with idiopathic scoliosis and 158 adults without scoliosis
- Spine 39 (2014)886 - 92
- +Graven-Nielsen,T. Fundamentals of muscle pain, referred pain, and deep tissue hyperalgesia
- Scand J Rheumatol 35 (2006)Suppl. 122: 1 - 43
- +Graven-Nielsen,T. Arendt-Nielsen,L., Svensson,P., Jensen,T.S.
- Stimulus-response functions in areas with experimentally induced referred muscle pain. A psychophysical study
- Brain Res 744 (1997a)121 – 8
- +Graven-Nielsen,T. Arendt-Nielsen,L., Svensson,P., Jensen,T.S.
- Experimental muscle pain: A quantitative study of local and referred pain in humans following injection of hypertonic saline
- J Musculoskel Pain 5 (1997b)49 – 69
- +Graven-Nielsen,T. Arendt-Nielsen,L., Svensson,P., Jensen,T.S.
- Quantification of local and referred muscle pain in humans after sequential i.m. injections of hypertonic saline
- Pain 69 (1997c)111-7
- +Graven-Nielsen,T. Babenko, Svensson,P., Arendt-Nielsen,L.
- Experimental induced muscle pain induces hypoalgesia in heterotopic deep tissues but not in homotopic deep tissue
- Brain Res 787 (2008)203 – 10
- +Graven-Nielsen,T. Gibson,S.J., Laursen,R.J., Svensson,P., Arendt-Nielsen,L.
- Opiat-insensitive hypoalgesia to mechanical stimuli at sites ipsilateral and contralateral to experimental muscle pain in human volunteers

- Exp Brain Res 146 (2002)213 – 22  
+Graven-Nielsen,T.  
Lund,H., Arendt-Nielsen,L., Danneskiold-Samsoe,B., Bliddal,H.  
Inhibition of maximal voluntary contraction force by experimental muscle pain: a centrally mediated mechanism
- Muscle Nerve 26 (2002)708 – 12  
+Graven-Nielsen,T.  
Mense,S.  
The peripheral apparatus of muscle pain: evidence from animal and human studies
- Clin J Pain 17 (2001)2 – 10  
Graven-Nielsen,T.  
Mense,S., Staud,R.,  
Central sensitization, referred pain and deep tissue hyperalgesia in musculoskeletal pain  
Presented at 11<sup>th</sup> World Congress on Pain, August 21-26, 2006, Sydney, Australia, zit. Manresa et al., 2013
- + Graven-Nielsen,L.  
Nie,H., Laursen,M.B., Laursen,B.S., Madeleine,P.,  
Simonsen,O.H., Graven-Nielsen,T  
Sensitization in Patients with painful knee osteoarthritis  
Pain 149 (2010)573 - 81  
+Graven-Nielsen,T.  
Svensson,P., Arendt-Nielsen,L.  
Effects of experimental muscle pain on muscle activity and coordination during static and dynamic motor function  
Electroencephalogr Clin Neurophysiol 105 (1997)156 – 64
- +Graves,J.  
Pollock,M., Carpenter,D.,Leggett,S.H., Jones,A.,  
MacMillan,M., Fulton,M.  
Quantitative assessment of full range of motion isometric lumbar extension strength  
Spine 15 (1990)289 – 94  
+Graves,J.  
Pollock,M., Foster,D., Leggett,S.H., Carpenter,D.M., Vuoso,R.,  
Jones,A.  
Effect of training frequency and specificity on isometric lumbar extension strength  
Spine 15 (1990a)504 – 9

- Graves,J.  
Webb,D., Pollock,M., Matkozich,J., Leggett,S.H.,  
Carpenter,D.M., Foster,D.N., Cirulli,J.  
  
Pelvic stabilisation during resistance training : its effect on the  
development of lumbar extension strength  
  
Arch Phys Med Rehabil 75 (1994)210 – 5
- +Graves,J.M.  
Fulton-Kehoe,D., Jarvik,J.G., Franklin,G.M.  
  
Early imaging for acute low back pain. One-year health and  
disability outcomes among Washington state workers  
  
Spine 37 (2012)1617 - 27
- +Gray,B.G.  
Dostrovsky,J.O.  
  
Inhibition of the feline spinal cord dorsal horn neurons  
following electrical stimulation of nucleus  
paragigantocellularis lateralis. A comparison with nucleus  
raphe magnus  
  
Brain Res 348 (1985)261 – 78
- +Gray,B.L.  
Buchowski,J.M., Bumpass,D.B., Lehmann Jr., R.A., Mall,M.A.,  
Matava,M.J.  
  
Disc herniations in the National Football League  
  
Spine 38 (2013)1934 - 8
- +Gray,D.T.  
Deyo,R.A., Kreuter,W., Mirza,S.H., Heagerty,P.S.,  
Comstock,B.A., Chan,L.  
  
Population-based trends in volumes and rates of ambulatory  
lumbar spine surgery  
  
Spine 31 (2006)1957 – 63
- Gray,J.A.  
McNaughton,N.  
  
The neuropsychology of anxiety  
  
Oxford, Oxford University Press 2000 (zit. Borsook et al.,  
2007)
- Gray,H. et al., eds.  
Gray's Anatomy, 35<sup>th</sup> ed., London, Longman, 1973
- Gray,T.S.  
Magnuson,D.J.  
  
Peptide immunoreactive neurons in the amygdala and the  
bed nucleus of the stria terminalis project to the midbrain  
central gray in the rat  
  
Peptides 13 (1992)451 – 60 (zit. Giesecke et al., 2006)

- Graziotti,P.J. Goucke,C.R.  
The use of oral opioids in patients with chronic non-cancer pain. Management strategies  
Med J Aust 167 (1997)30 – 4 (zit. Hojsted & Sjogren, 2007)
- Grebner,M. Breme,K., Rothoerl,R. et al.  
Coping und Genesungsverlauf nach lumbaler Bandscheibenoperation  
Schmerz 13 (1999)19 – 30 (zit Klasen et al., 2006)
- +Green,B.G. Roman,C., Schoen,K., Collins,H.  
Nociceptive sensations evoked from “spots” in the skin by mild cooling and heating  
Pain 135 (2008)196 - 208
- +Green,T.P. Adams,M.A., Dolan,P.  
Tensile properties of the annulus fibrosus. II. Ultimate tensile strength and fatigue  
Eur Spine J 2 (1993)209 – 14
- +Greenfield,K. Beric,V.  
Outcome of lumbar nerve root block in patients with sciatica and lumbar disc prolapsed  
Proceedings of the 29<sup>th</sup> annual meeting of the North American Spine Society  
Spine J 14 (2014)11S: 31S
- +Greenman,P.E. Lift therapy: Use and abuse  
JAOA 79 (1979)238 – 250
- Greenman,P.E. Models and mechanisms of osteopathic manipulative medicine (CME article)  
Osteo Med News 4 (1987)5: 1 – 20 (zit. Ramirez et al., 1989)
- +Greenman,P.E. Klinische Aspekte der Funktion der Ilioskarlgekenke beim Gehen  
Manuelle Med 28 (1990)83 - 8
- Greenman,P.E. Osteopathic manipulation of the lumbar spine and pelvis

- In: White,A., Anderson,A. eds., Conservative care of low back pain. Baltimore, Williams & Wilkins, 1991: 210 – 5 (zit. Flynn et al., 2002)
- Greenman,P.E. Principles of Manual Medicine, 2<sup>nd</sup> ed., Baltimore, MD, Williams and Wikins, 1996
- +Greenamn,P.E. Sakroiliakalgelenksdysfunktion und therapieresistente unteres Lumbalsyndrom  
Manuelle Med 35 (1997)1 - 11
- +Greenman,P.E. Lehrbuch der Osteopathischen Medizin: Grundlagen und Konzepte, Techniken und Methoden, klinische Integration und Korrelation, 2., durchgesehene Auflage, Haug-Verlag, Heidelberg, 2000
- +Greenman,P.E. Non-operative management of spinal stenosis  
AAO J 16 (2006)4: 18 – 20
- +Greenman,P.E. McPartland,J.M.  
Cranial findings and iatrogenesis from craniosacral manipulation in patients with traumatic brain syndrome  
JAOA 95 (1995)182 – 8, 191 – 2
- +Greenspan,J.D. McGillis,S.L.P. Stimulus features relevant to the perception of sharpness and mechanical evoked cutaneous pain  
Somatosens Mot Res 8 (1991)137 – 47
- +Greffrath,W. Peripheres Nervensystem: Der Nozizeptor – ein überholter Einheitsbegriff?  
Abstracts Deutscher Schmerzkongress 2008  
Schmerz 22 (2008)Suppl.2: 78 - 9
- +Gregg,C.D. McIntosh,G., Hall,H., Watson,H., Williams,D., Hoffman,C.W.  
The relationship between the Tampa Scale of Kinesiophobia and low back pain rehabilitation outcomes  
Spine J 15 (2015)2466 - 71
- +Gregoire,S. Millecamp,M., Naso,L., do Carmo,S., Cuello,A.C., Szyf,M., Stone,L.F.  
Therapeutic benefits of the methyl donor S-adenosylmethionine on nerve injury-induced mechanical hypersensitivity and cognitive impairment in mice  
Pain 158 (2017)802 - 10

- +Gregory,D.E. Bae,W.C., Sah,R.L., Masuda,K.  
Disc degeneration reduces the delamination strength of the anukus fibrosus in the rabbit annular discn puncture model  
Spine J 14 (2014)1265 -71
- +Gregory,D.E. Callaghan,J.P.  
Does Vibration influence the initiation of intervertebral disc herniation? An examination of herniation occurrence using a porcine cervical disc model  
Spine 36 (2011)E225 - 31
- +Gregory,J.E. Mark,R.F., Morgan,D.L., Patak,A., Polus,B., Proske,U.  
Effects of muscle history on the stretch reflex in cat and man  
J Physiol 424 (1990) 93 – 107
- +Gregory,J.E. Morgan,D.L., Proske,U.  
Changes in size of the stretch reflex of cat and man attributed to aftereffects in muscle spindles  
J Neurophysiol 58 (1987)628 – 40
- +Gregory,J.E. Morgan,D.L., Proske,U.  
Aftereffects in the responses of cat muscle spindles and errors of limb position sense in man  
J Neurophysiol 59 (1988)1220 – 30
- +Gregory,N.S. Gibson-Corley,K., Frey-Law,L., Sluka,K.A.  
Fatigue-enhanced hyperalgesia in response to muscle insult: Induction and development occur in a sex -dependent manner  
Pain 154 (2013)2668 - 76
- +Gregory,P.L. Batt,M.E., Kerslake,R.W., Webb,J.K.  
Single photon emission computerized tomography and reverse gantry computerized tomography findings in patients with back pain investigated for spondylolysis Clin J Sport Med 15 (2005)79 – 86
- +Greicius,M.D. Krasnow,B., Reiss,A.L., Menon,V  
Functional connectivity in the resting brain: a netwotk analysis of the default mode hypothesis

- Proc Natl Acad Sci USA 100 (2003)253 – 8
- +Gremeaux,V.  
Casillas,J.M., Fabbro-Peray,P., Pelissier,J., Herisson,C.,  
Perennou,D.  
Analysis of low back pain in adults with scoliosis  
Spine 33 (2008)402 – 5
- +Gremeaux,V.  
Coudeyre,E., Viviez,T., Boursquet,P.J., Dupeyron,A.  
Do teaching general practitioners' fear avoidance beliefs  
influence their management of patients with low back pain?  
Pain Pract 15 (2015)730 - 7
- +Grenier,S.G.  
McGill,S.M.  
Quantification of lumbar stability by using 2 different  
abdominal activation strategies  
Arch Phys Med Rehab 88 (2007)54 – 62 (
- +Griep,E.N.  
Boersma,J.W., de Kloet,E.R.  
Altered reactivity of the hypothalamic-pituitary-adrenal axis  
in the primary fibromyalgia syndrome  
J Rheumatol 20 (1993)469 – 74
- +Griep,E.  
Boersma,J.W., Lentjes,E.G.W.M., Prins,A.P.A., van der  
Korst,J.K., de Kloet,E.R.  
Function of the hypothalamic-pituitary-adrenal axis in  
patients with fibromyalgia and low back pain  
J Rheumatol 25 (1998)1374 – 81
- +Grieve,G.  
Lumbar instability  
Physiotherapy 68 (1982)2 – 9
- Grieve,G.  
Common vertebral joint problems  
Edinburgh: Churchill Livingstone, 1989: 350 – 68 (zit.  
Desmoulin et al., 2007)
- +Griffin,M.R.  
Piper,J.M., Daugherty,J.R., Snowden,R.N., Ray,W.A.  
Nonsteroidal anti-inflammatory drug use and increased risk  
for peptic ulcer disease in elderly persons  
Ann Intern Med 114 (1991)257 – 63
- +Grifka,J.  
Keshmiri,A., Maderbacher,G., Craiovan,B.

- Klinische Untersuchung des Hüftgelenkes des Erwachsenen  
Schmerz 29 (2015)313 – 31 ursprünglich: Orthopäde 43  
(2014)1115 - 33
- +Griggs,R.B.  
Donahue,R.R., Morgenweck,J., Grace,P.M., Sutton,A.,  
Watkins,L.R., Taylor,B.K.  
Pioglitazone rapidly reduces neuropathic pain through  
astrocyte and nongenomic PPAR gamma mechanisms  
Pain 156 (2015)469 - 82
- Grimes,P.F.  
Massie,J.B., Garfin,S.R.  
Anatomic and biomechanical analysis of the lower lumbar  
foraminal ligaments  
Spine 25 (2000)2009 – 14 (zit. Zhong et al., 2017)
- +Grimmer,K.  
Williams,M.  
Gender-age environmental associates of adolescent low back  
pain  
Appl Ergon 31 (2000)343 – 60
- +Grimpe,B.  
Silver,J.  
The extracellular matrix in axon regeneration  
Prog Brain Res 137 (2002)333 – 49
- +Grimshaw,P.N.  
Giles,A.,Tong,R., Grimmer,K.  
Low back and elbow injuries in golf  
Sports Med 32 (2002)655 – 66
- +Grimstone,S.K.  
Engsberg,J.R., Shaw,L., Vetanze,N.W.  
Muscular rehabilitation prescribed in coordination with prior  
chiropractic therapy as a treatment for sacroiliac subluxation  
in female distance runners  
Chiropr Sports Med 4 (1990)1 - 8
- (+)Griswold,D.  
Gargano,F., Learman,K.E.  
A randomized clinical trial comparing non-thrust  
manipulation with segmental and distal dry needling on pain,  
disability, and rate of recovery for patients with non-specific  
low back pain

J Man Manipulat Ther, online 9.2.2019,  
doi.org/10.1080/10669817.2019.1574389

+Gröber,U.

Holick,M.F.

Vitamin D in der Schmerztherapie

Erfahrungsheilkd 67 (2018)220 - 5

+Grobler,L.J.

Robertson,P.A., Novotny,J.E., Pope,M.H.

Etiology of spondylolisthesis. Assessment of the role played by of lumbar facet joint morphology

Spine 18 (1993)2640 – 7

+Grodahl,L.H.J.

Fawcett,L., Nazareth,M., Smith,R., Spencer,S., Heneghan,N., Rushton,A.

Diagnostic utility of patient history and physical examination data to detect spondylolysis and spondylolisthesis in athletes with low back pain: A systematic review

Man Ther 24 (2016)7 - 17

+Groen,G.J.

Baljet,B., Drukker,J.

Nerves and nerve plexuses of the human vertebral column

Am J Anat 188 (1990)282 – 96

+Grol,R.

Buchan,H.

Clinical guidelines: what can we do to increase their use?

Med J Aust 185 (2006)301

+Grolimund,J.

Studer,M., Steward,L.A., Egloff,N., grosse Holtforth,M.

Typen der Schmerzverarbeitung bei Patienten mit chronischen Schmerzen

Schmerz 32 (2018)39 - 47

+Grönblad,M.

Virri,J., Tolonen,J., Seitsalo,S., Kääpä,E., Kankare,J., Myllynen,P., Karaharju,E.O.

A controlled immunohistochemical study of inflammatory cells in the disc herniation tissue

Spine 19 (1994)2744 – 51

+Grönblad,M.

Weinstein,J.N., Santavirta,S.

- Immunohistochemical observation of spinal tissue innervation  
Acta Orthop Scand 62 (1991)614 – 22
- +Grond,S.  
Krüger Jensen,R., Jensen,T.S., Kongsted,A.
- Back beliefs in patients with low back pain: a primary care cohort study  
BMC Musculoskel Disord 20 (2019)78
- +Grond,S.  
Radbruch,L., Meuser,T., Loick,G., Sabatowski,R., Lehmann,K.A.
- High-dose tramadol in comparison to low-dose morphine for cancer pain relief  
J Pain Symptom Manage 18 (1999)174 - 9
- +Grond,S.  
Sablotzki,A.
- Clinical pharmacology of tramadol  
Clin Pharmacokinet 43 (2004)879 – 923
- Gros,R.  
Buchan,H.
- Clinical guidelines: what can we do to increase their use?  
Med J Aust 185 (2006)301 – 2 (zit. Fullen et al., 2008)
- +Gross,D.G.  
Deshpande,S., Werner,E.L., Reneman,M.F., Miciak,M.A., Buchbinder,R.
- Fostering change in back pain beliefs and behaviors: when public education is not enough  
Spine J 12 (2012)979 - 88
- +Gross,D.G.  
Ferrari,R., Russel,A.S., Battie,M.C., Schopflocher,D., Hu,R.W., Waddell,G., Buchbinder,R.
- A population-based survey of back pain beliefs in Canada  
Spine 31 (2006)2142 - 5
- +Gross,D.P.  
Stephens,B., Bhambhani,Y., Haykowski,M., Bostick,G.P., Rashiq,S.
- Opioid prescriptions in Canadian workers' compensation claimants: prescription trends and associations between early prescription and future recovery  
Spine 34 (2009)525 – 31

- +Gross;D.P. Russell,A.S., Ferrari,R., Battie,M.C., Schopflocher,D., Hu,R., Waddell,G., Buchbinder,R.  
Evaluation of a Canadian back pain mass media campaign  
Spine 35 (2010)906 - 13
- +Gross,M.T. Burns,C.B., Chapman,S.W.,Hudson,C.J., Curtis,H.S., Lehmann,J.R., Renner,J.B.  
Reliability and validity of rigid lift and pelvic leveling device method in assessing functional leg length inequality  
J Orthop Sports Phys Ther 27 (1998)285 – 94
- +Grotle,M. Brox,J.I., Glomsrod,B., Lonn,J.H., Veierod,M., Vollestad,N.K.  
Clinical course and prognostic factors in acute low back pain patients seeking help for their first time  
Spine 30 (2005a)976 – 82
- +Grotle,M. Brox,J.I., Glomsrod,B., Lonn,J.H., Vollestad,N.K.  
Prognostic factors in first-time care seekers due to acute low back pain  
Eur J Pain 11 (2007)290 – 8
- +Grotle,M. Brox,J.I., Vollestad,N.K.  
Functional status and disability questionnaires: what do they assess? A systematic review of back specific outcome questionnaires  
Spine 30 (2005b)130 – 40
- +Grotle,M. Foster,N.E., Dunn,K.M., Croft,P.  
Are prognostic indicators for poor outcome different for acute and chronic low back pain consulters in primary care?  
Pain 151 (2010)790 - 7
- +Grotle,M. Vollestad,N.K., Brox,J.I.  
Screening for yellow flags in first-time acute low back pain: reliability and validity of a Norwegian version of the Acute Low Back Pain Screening Questionnaire  
Clin J Pain 22 (2006)458 – 67
- +Groble,L. Haugen,A.J., Keller,A., Ntvig,B., Brox,J.I., Grotle,M.  
Prognostic factors for return to work in patients with sciatica

Spine J 13 (2013)1849 - 57

+Gruber,H.E.

Chow,Y., Hoelscher,G., Ingram,J.A., Zinchenko,N., Norton,J., Sun,Y., Hanley,E.N.Jr.

Micromass culture of human anulus cells. Morphology and extracellular matrix production

Spine 35 (2010)1033 - 8

+Gruber,H.E.

Gordon,B., Norton,H.J., Kilburn,J., Williams,C., Zinchenko,N., Heath,J., Ingram,J., Hanley,E.N.

Analysis of cell death and vertebral endplate bone mineral density in the anulus of the aging sand rat

Spine J 8 (2008b)475 - 81

+Gruber,H.E.

Hoelscher,G.L., Bethea,S., Hanley,E.N.Jr

Mitochondrial membrane potential and nuclear and gene expression changes during human disc cell apoptosis. In vitro and in vivo annulus findings

Spine 40 (2015a)876 - 82

+Gruber,H.E.

Hoelscher,G.L., Bethea,S.F., Menscher,E.A., Ingram,J.A., Templin,M.A., Hanley,E.N.Jr.

Corticostatin is endogenous to the human intervertebral disc and exerts in vitro mitogenic effects on annulus cells and downregulatory effect on TNF-alpha expression

Spine J 14 (2014)2995 - 3001

+Gruber,H.E.

Hoelscher,G., Hanley,E.N.Jr.

Annulus cells from more degenerated human discs show modified gene expression in 3D culture compared with expression in cells from healthier discs

Spine J 10 (2010a)721 - 7

+Gruber,H.E.

Hoelscher,G.L., Ingram,J.A., Bethea,S., Hanley Jr., E.N.

Autophagy in the degenerating human intervertebral disc. In vivo molecular and morphological evidence, and induction of autophagy in cultured annulus cells exposed to proinflammatory cytokines – implications for disc degeneration

Spine 40 (2015)773 - 82

+Gruber,H.E.

Hoelscher,G., Ingram,J.A., Chow,Y., Loeffler,B., Hanley,E.N.

- 1,25 (OH)2 – vitamin D3 inhibits proliferation nad decreases producion of monocyte cheoattractant protein-1, thrombopoietin, VEGF, and angiogenin by human annulus cells in vitro  
Spine 33 (2008)755 – 65  
+Gruber,H.E.  
Hoelcher,G., Ingram,J.A., Hanley,E.N.  
Immunolocalisation and biochemical evidence of pregnancy-associated plasma protein-A in the intervertebral disc  
Spine 33 (2008a)E447 - 54  
+Gruber,H.E.  
HoelscherG., Loeffler,B. Chow,Y., Ingram,J.A., Halligan,W., Hanley,E.N.Jr.  
Prostaglandin E1 mad misoprostol increase epidermal growth factor production in 3D-cultured human annulus cells  
Spine J 9 (2009a)760 - 6  
+Gruber,H.E.  
Ingram,J., Davis,D.E., Hanley,E.N.  
Increased cell senescence is associated with decreased cell proliferation in vivo in the degenerating disc  
Spine J 9 (2009)210 – 15  
Gruber,H.E.  
Ingram,J., Hanley,E.N.Jr.  
Immunolocalisation of MMP-19 in the human intervertebral disc: implications for disc aging and degeneration  
Biotech Histochem 80 (2005) 157 – 62 (zit. Kepler et al., 2013)  
+Gruber,H.E.  
Ingram,J., Leslie,K., Hanley Jr.,E.N.  
Cellular, but not matrix, immunolocalisation of SPARC in the human intervertebral disc: decreasing localization with aging and disc degeneration  
Spine 29 (2004)2223 – 8  
+Gruber,H.E.  
Ingram,J., Norton;J., Hanley,E.N.  
Senescence in cells of the aging and degenerating intervertebral disc. Immunolocalisation of senescence-associated beta-galactosidase in human and sand rats  
Spine 32 (2007)321 – 7  
+Gruber,H.E.  
Ingram,J.I., Hoelscher,G.L., Hanley,E.N.

- Leptin expression by annulus cells in the human intervertebral disc  
Spine J 7 (2007b)437 - 43  
+Gruber,H.E. Ingram,J.I., Hoelscher,G.L., Norton,H.J., Hanley,E.N.
- Cell polarity in the anulus of the human intervertebral disc: morphologic, Immunocytochemical, and molecular evidence  
Spine 32 (2007)1287 - 94  
+Gruber,H.E. Jones,B., Marrero,E., Hanley Jr., E.N.
- Proinflammatory cytokines IL-1 beta and TNF alpha influence human annulus cell signaling cues for neurite growth  
Spine 42 (2017)1529 - 37  
+Gruber,H.E. Mougeot,J.-L., Hoelscher,G., Ingram,J.A., Hanley,E.N.
- Microarray analysis of laser capture microdissected-anulus cells from the human intervertebral disc  
Spine 32 (2007)1181 – 7  
+Gruber,H.E. Norris,R.A., Kern,M.J., Hoelscher,G.L.: Ingram,J.A., Zinchenko,N., Hanley,E.N.Jr
- Periostin is expressed by cells of the human and sand rat intervertebral discs  
Biotech Histochem 86 (2011a)199 – 206  
+Gruber,H.E. Norton,H.J., Hanley,E.N.Jr
- Anti-apoptotic effects of IGF-1 and pDGF on human intervertebral disc cells in vitro  
Spine 25 (2000)2153 – 7  
+Gruber,H.E. Norton,H.J., Sun,Y., Hanley,E.N.
- Crystal deposits in the human intervertebral disc: implications for disc degeneration  
Spine J 7 (2007d)444 - 50  
+Gruber,H.E. Rhyne,A.L.III, Hansen,K.J., Phillips,R.C., Hoelscher,G.L., Ingram,J.A., Norton,H.J., Hanley,E.N.
- Deleterious effects of discography radiocantrast solution on human annulus cell in vitro: changes in cell viability, proliferation, and apoptosis in exposed cells

Spine J 12 (2012)329 - 35

+Gruber,H.E.

Watts,J.A., Hoelscher,G.I., Bethea,S.F., Ingram,J.A., Zinchenko,N.S., Hanley Jr., E.N.

Mitochondrial gene expression in the human annulus: in vitro data from annulus cells and selectively harvested senescent annulus cells

Spine J 11 (2011)782 - 91

+Grundy,P.F.

Roberts,C.J.

Does unequal leg length cause back pain? A case-control study

Lancet 2 (1984)256 -8

+Grunnesjö,M.I.

Bogefeldt,J.P., Svärdsudd,K.F., Blomberg,S.I.

A randomized controlled clinical trial of stay-active care versus manual therapy in addition to stay-active care: functional variables and pain

J Manipul Physiol Ther 27 (2004)431 – 44

Gryermek,L.

5-HT3 receptors: pharmacological and therapeutic aspects

J Clin Pharmacol 845 (1995)845 – 55 (so zit. Christidis et al., 2007)

+Gu,X.

Yang,L., Wang,S., Sung,B., Lim,G., Mao,J., Zeng,Q., Yang,C., Mao,J.

A rat model of radicular pain induced by chronic compression of lumbar dorsal root,ganglion with SURGIFLO

Anesthesiology 108 (2008)113 - 21

Gu,X.I.

Yu,I.C.

The colocalisation of GRCP receptor and AMPA receptor in the spinal dorsal horn receptor of rat: a morphological and electrophysiological study

Neurosci Lett 414 (2007)237 – 41 (zit. Hirsch et al., 2013)

+Guan,Y.

Johanek,L.M., Hartke,T.V., Shim,B., Tao,YX., Ringkamp,M., Meyer,R.A., Raja,S.N.

Peripherally acting mu-opioid agonist attenuates neuropathic pain in rats after L5 spinal nerve injury

Pain 138 (2008)318 – 29

- +Guan,Z. Kuhn,J.A., Wang,X., Colquit,B., Solorzano,C., Vaman,S., Guan,A.K., Evans-Reinsch, Z. und weitere 6 Autoren  
Injured sensory neuron-derived CSF-1 induces neuroglial proliferation and DAP12-dependent pain  
*Nat Neurosci* 19 (2016)94 – 101
- +Gubata,M.E. Piccirillo,A.L., Packnett,E.R., Niebuhr,D.W., Boivin,M.R., Cowan,D.N.  
Risk factors for back related disability in the US army and marine corps  
*Spine* 39 (2014)745 - 53
- +Gubler,D. Mannion,A.F., Schenk,P., Gorelick,M., Helbling,D., Gerber,H., Toma,V., Sprott,H.  
Ultrasound tissue doppler imaging reveals no delay in abdominal muscle feed-forward activity during rapid arm muscles in patients with chronic low back pain  
*Spine* 35 (2010)1506 - 13
- +Gudavalli,M.R. Cambron,J.A., McGregor,M., Jedlicka,J., Ghanayem,A.J., Patwardhan,A.G.  
A randomized clinical trial and subgroup analysis to compare flexion-distraction with active exercise chronic low back pain  
*Eur Spine J* 15(2005)1 – 13
- +Guehring,T. Omlor,G.W., Lorenz,H., Bertram,H., Steck,E., Richter,W., Carstens,C., Kroeber,M.  
Stimulation of gene expression and loss of anular architecture caused by experimental disc degeneration – An in vivo animal study  
*Spine* 30 (2005)2510 – 5
- +Guehring,T. Omlor,G.W., Lorenz,H., Engelleiter,K., Richter,W., Carstens,C., Kroeber,M.  
Disc distraction shows evidence of regenerative potential in degenerated intervertebral discs as evaluated by protein expression, magnetic resonance imaging and messenger ribonucleic acid expression analysis  
*Spine* 31 (2006)1658 - 65
- +Guerra de Hoyos,J.A. Marti,M.d.C.A., de Leon,E.B.y B., Lopez,M.V., Lopez,T.M., Morilla,F.A.V., Moreno,M.J.G.

- Randomized trial of long-term effect of acupuncture for shoulder pain  
Pain 112 (2004)289 – 98  
+Gillet,B.A.  
Velly,L.J., Canolle,B., Masmejean,F.M., Nieoullon,A.L., Pisano,P.
- Differential regulation by protein kinases of activity and cell surface expression of glutamate transporters in neuron-enriched cultures  
Neurochem Int 46 (2005)337 – 46  
+Guindon,J.  
Hohmann,A.G.
- Cannabinoid CB2 receptors: a therapeutic target for the treatment of inflammatory and neuropathic pain  
Br J Pharmacol 153 (2008)319 – 34  
+Gulbrandsen,P.  
Madsen,H.B., Benth,J.S., Lärum,E.
- Health care providers communicate less well with patients with chronic low back pain – a study of encounters at a back pain clinic in Denmark  
Pain 151(2010)458 - 61  
+Gullbrand,S.E.  
Peterson,J., Ahlborn,J., Mastropolo,R., Fricker,A., Roberts,T.T., Abousayed,M., Lawrence,J.P., Glennon,J.C., Ledet,E.H.
- ISSLS Prize Winner: Dynamic loading-induced convective transport enhances intervertebral disc nutrition  
Spine 40 (2015a)1158 - 64  
+Gullbrand,S.E.  
Peterson,J., Mastropolo,R., Roberts,T.T., Lawrence,J.P., Glennon,J.C., di Risio,D.J., Ledet,E.H.
- Low rate loading-induced convection enhances net transport into the intervertebral disc in vivo  
Spine J 15 (2015)1028 - 33  
+Gum,J.L.  
Glassman,S.D., Carreon,L.Y.
- Is type of compensation a predictor of outcome after lumbar fusion?  
Spine 38 (2013)443 – 8  
Guan,Z.  
Kuhn,J.A., Wang,X., Colquit,B., Solorzano,C., Vaman,S., Guan,A.K., Evans-Reinsch,Z und 6 weitere Autoren

- Injured sensory neuron-derived CSF-1 induce microglial proliferation and DAB12-dependend pain  
Nat Neurosci 19 (2016)254 – 63 (zit. Malcangio, 2016)
- +Gündel,H.  
Valet,M., Sorg,C., Huber,D., Zimmer,C., Sprenger,T., Tölle,T.R.  
Altered cerebral response to noxious heat stimulation in patients with somatoform pain disorder  
Pain 137 (2008)413 – 21
- +Gundermann,S.  
Effectiveness of osteopathic treatment in pregnant women suffering from low back pain. A randomized controlled trial, Unpublished DO thesis  
[http://www.osteopathic-research.com/index.php?  
option=com\\_jresearch&view=publication&task=show&id=15  
363&lang=en](http://www.osteopathic-research.com/index.php?option=com_jresearch&view=publication&task=show&id=15363&lang=en)
- 2013, Dec. 18
- +Gundewall,B.  
Liljequist,M., Hansson,T.  
Primary prevention of back symptoms and absence from work. A prospective randomized study among hospital employees  
Spine 18 (1993)587 – 94
- Gunn,C.C.  
Treatment of chronic pain  
Churchill Livingstone, New York, 1996 (zit. Locher, 2007)
- +Gunnarsson,L.G.  
Bäck,H., Jones,H., Olsson,T.  
Stress recovery during an ocean boat race  
Stress Health 20 (2004)165 – 71
- +Gunzburg,R.  
2015 ISSLS presidential address. From paternalism to shared decision making: an back?  
Spine 41 (2016)827 - 31
- +Gunzburg,R.  
Parkinson,R., Moore,R., Cantraine,F., Hutton,W., Vernon-Roberts,B., Fraser,R.  
A cadaveric study comparing discography, magnetic resonance imaging histology and mechanical behaviour of the human lumbar disc  
Spine 17 (1992)417 – 26
- +Guo,H.R.  
Tanaka,S., Halperin,W.E., Cameron,L.I.

- Back pain prevalence in US industry and estimates of lost workdays  
Am J Public Health 89 (1999)1029 – 35
- +Guo,J.J.  
Luk,K.D.K., Karppinen,J., Cheung,K.M.C.
- Prevalence, distribution, and morphology of ossification of the ligamentum flavum  
Spine 35 (2010)51 - 6
- Gupta,A.  
Analyses of myo-electrical silence of erectors spinae  
J Biomech 34 (2001)491 – 6 (zit. Dankaerts et al., 2006b)
- +Gupta,A.  
Lutz,G.E.  
Synovial cysts: to fuse or not to fuse (commentary)  
Spine J 10 (2010)817 - 9
- +Gur,A.  
Karakoc,M., Cevik,R., Nas,K., Sarac,A.J., Karakoc,M.  
Efficacy of low power laser therapy and exercise on pain and functions in low back pain  
Lasers Surg Med 32 (2003)233 – 8
- +Gureje,O.  
von Korff,M., Kola,L., Demyttenaere,K., He,Y., Posada-Villa,J.  
und 14 weitere Autoren  
The relation between multiple pains and mental disorders:  
results from the world mental health surveys  
Pain 135 (2008)82 – 91
- +Gurney,B.  
Leg length discrepancy  
Gait Posture 15 (2002)195 – 206 )
- +Gürsoy,S.  
Erdal,E., Herken,H., Madenci,E., Alasehirli,B., Erdal,N.  
Significance of catechol-O-methyltransferase gene polymorphism in fibromyalgia syndrome  
Rheumatol Int 23 (2003)104-7
- +Gustafson-Vickers,S.L:  
Lu,V.B., Lai,A.Y., Todd,K.G., Ballanyi,K., Smith,P.A.  
Long-term actions of interleukin 1-beta on delay and long firing neurons in rat superficial dorsal horn and their relevance to central sensitisation  
Mol Pain 4 (2008)63

- +Gustavsson,A. Bjorkman,J., Ljungcrantz,C., Rhodin,A., Rivano-Fischer,M., Sjolund,K.F., Mannheimer,C.  
Pharmaceutical treatment patterns for patients with a diagnosis related to chronic pain initiating a slow-release opioid treatment in Sweden  
*Pain* 153 (2012)2325 - 31
- +Gustorff,B. Nahlik,G., Spacek,A., Kress,H.G.  
Gabapentin in der Therapie chronischer therapieresistenter Schmerzen. Erste Erfahrungen bei 99 Patienten  
*Schmerz* 16 (2002)9 - 14
- +Gutfreund,Y. Yarom,Y., Segev,I.  
Subthreshold oscillations and resonant frequency in guinea-pig cortical neurons: physiology and modelling  
*J Physiol* 483 (1995)621 – 40
- +Gutke,A. Östgaard,H.C., Öberg,B.  
Predicting persistent pregnancy-related low back pain  
*Spine* 33 (2008)E386 – 93
- +Gutke,A. Östgaard,H.C., Öberg,B.  
Association between muscle function and low back pain in relation to pregnancy  
*J Rehabil Med* 40 (2008a)304 – 11
- +Gutierrez,T. Crystal,J.D., Zvonok,A.M., Makriyannis,A., Hohmann,A.G.,  
Self-medication of a cannabinoid CB2-agonist in an animal model  
*Pain* 152 (2011)1976 - 87
- Gutmann,G. Röntgendiagnostik der Wirbelsäule unter funktionellen Gesichtspunkten  
*Manuelle Med* 13 (1975)1 – 12 (zit. Neumann, 1999)
- +Gutmann,G. Biedermann,H.  
Sklerosierungstherapie im Bereich der Wirbelsäule.  
*Wirbelsäule in Forschung und Praxis* 81 (1981)167 – 70
- Gutmann,G. Biedermann,H.

- Funktionelle Pathologie und Klinik der Wirbelsäule, Bd.3 Die Lenden – Becken – Hüftregion. Teil 1: Funktionelle Röntgenanalyse der Lenden – Becken – Hüftregion  
Fischer, Stuttgart, Jena, New York 1992
- +Gutstein,H.B.  
Mansour,A., Watson,S.J., Akil,H., Fields,H.L.  
  
Mu and kappa opioid receptors in periaqueductal gray and rostral ventrocaudal medulla  
Neuroreport 9 (1998)1777 – 81
- +Guyer,R.D.  
2007 Presidential Address: The paradox in medicine today – exciting technology and economic challenges  
Spine J 8 (2008)279 - 85
- +Guyer,R.D.  
Ohnmeiss,D.D.  
  
Lumbar discography. Position statement from the North American Spine Society Diagnostic and Therapeutic Committee  
Spine 20 (1995)2048 – 59
- Guyton,A.  
Hall,J.  
  
Textbook of medical physiology, 10<sup>th</sup> ed., Philadelphia (PA), WB Saunders Company, 2000, (zit. Weerapong et al., 2005)
- Guzman,J.  
Esmail,R., Karjalainen,K., Malmivaara,A., Irvin,E., Bombardier,C.  
  
Multidisciplinary rehabilitation for chronic back pain: systematic review  
Brit Med J 322 (2001)1511 – 6
- +Guzman,J.  
Esmail,R., Karjalainen,K.  
  
Multidisciplinary bio-psycho-social rehabilitation for chronic back pain  
Cochrane Database Syst Rev 2002, CD000963  
: gleicher Titel  
Br Med J 322 (2001)1511 – 6
- Guzman,J.  
Jones,D., Cassidy,D., Furlan,A.D., Loisel.,P.,Frank,J.W.  
  
Key factors in back disability prevention: what influences the choice of priorities

Spine 32 (2007)E 281 – 9

(+)Gyer,G:

Michael,J., Inklebarger,J., Tedla,J.S.

Spinal manipulation therapy: is it all about the brain? A current review of the neurophysiological effects of manipulation

J Integr Med 17 (2019) in press  
doi.org/10.1016/j.joim.2019.05.004

+Haak,M.

Lee,E., Cohen,D.A., Mullington,J.M.

Activation of the prostaglandin system in response to sleep loss in healthy humans: potential mediator of increased spontaneous pain

Pain 145 (2009)136 – 41

+Haake,M.

Müller,H.H., Schade-Brittinger,C., Basler,H.D., Schäfer,H., Maier,C., Endres,H.G., Trampisch,H.J., Molsberger,A.

German acupuncture trials (GERAC) for chronic low back pain: randomized, multicenter, blindes parallel-group trial with 3 groups

Arch Intern Med 167 (2007)1892 – 98

+Haanpää,M.

Controlled released oxycodone – an evidence-based treatment for pain in acute herpes zoster (editorial)

Pain 142 (2009)175 – 6

+Haanpää,M.

Attal,N., Backonja,M., Baron,R., Bennett,M., Bouhassira,D., Cruccu,G., Hansson,P. und weitere 11 Autoren

NeuPSIG guidelines on neuropathic pain assessment

Pain 152 (2011)14 – 27

+Haanpää,M.

Backonja,M., Bennett,M., Bouhassira,D., Cruccu,G., Hansson,P., Jensen,T.S., Kauppila,T., Rice,A.S.C., Smith,B.H.

Assessment of neuropathic pain in primary care

Am J Med 122 (2009)S13 – 21

+Haanstra,T.M.

Hanson,L., Evans,R., van Nes,F.A., de Vet,H.C., Cuijpers,P., Ostelo,R.W.

How do low back pain patients conceptualize their expectations regarding treatment? Content analysis of interviews

Eur Spine J 22 (2013)1986 – 95

- +Haanstra,T.M. Kamper,S.J., Williams,C.M., Spriensma,A.S., Lin,C.W.C., Maher,C.G., de Vet, H.C.W., Ostelo,R.W.J.G.  
Does adherence to treatment mediate the relationship between patients' treatment outcome expectancies and the outcome of pain intensity and recovery from acute low back pain  
*Pain* 156 (2015)1530 - 6
- +Haas,M. Grupp,E., Kraemer,D.F.  
Dose-response for chiropractic care of chronic low back pain  
*Spine J* 4 (2004)574 – 83
- +Haas,M. Vavrek,D., Peterson,D., Polissar,N., Neradilek,M.B.  
Dose-response and efficacy of spinal manipulation for care of chronic low back pain: a randomized controlled trial  
*Spine J* 14 (2014)1106 - 16
- +Haavik,H. Niazi,I.K., Jochumsen,M., Ugincius,P., Sebik,O., Yilmaz,G., Navid,M.S., Özyurt,M.G., Türker,K.S.  
Chiropractic spinal manipulation alters TMS induced I-wave excitability and shortens the cortical silent period  
*J Electromyogr Kinesiol* 42 (2018)24 - 35
- +Haavik Taylor,H. Murphy,B.  
Altered sensorimotor intergration with cervical spine manipulation  
*J Manipulative Phys Ther* 31 (2008)115 – 26
- +Haavik Taylor,H. Murphy,B.  
The effects of spinal manipulation on central integration of dual sensory input observed after motor training: a crossover study  
*J Manipulative Phys Ther* 33 (2010)261 – 72
- +Haase,I. Kuhnt,O., Klimczyk,K.  
Bedeutung des Bildungsniveaus für die Wirksamkeit der multimodalen Schmerztherapie  
*Schmerz* 26 (2012)61 - 8
- +Haberl,H. Cripton,P.A., Orr,T.E., Beutler,T., Frei,H., Lanksch,W.R., Nolte,L.P.

Kinematic response of lumbar functional spinal units to axial torsion with and without superimposed compression and flexion/extension

Eur Spine J 13 (2004)560 – 6

+Habibi,H.

Suzuki,A., Hayashi,K., Salimi,H., Terai,H., Hori,Y., Tamai,K., Orita,K und weitere 4 Autoren

Expression and function of FGF9 in the hypertrophied ligamentum flavum of lumbar spinal stenosis patients

Spine J 21 (2021)1010 – 20  
doi.org/10.1016/j.spinee.2021.02.004

+Habring,M.

Locher,H., Böhni,U., von Heymann,W.

Die körpereigene Schmerzhemmung. Ständig vorhanden, aber klinisch immer noch zu wenig beachtet

Manuelle Med 50 (2012)175 - 82

+Hacein-Bey-Abina,S.

von Kalle,C., Schmidt,M., le Deist,F.

A serious adverse event after successful gene therapy for X-linked severe combined immunodeficiency

N Engl J Med 348 (2003)255 – 6

+Hacimuftouglu,A.

Handy,C.R., Goettl,V.M., Lin,G.G., Dane,S., Stephens,R.L.

Antioxydans attenuate multiple phases of formalin-induced nociceptive response in mice

Behav Brain Res 173 (2006)211 – 6

+Hack,A.

Entstehung von Bandscheibenvorfällen. Untersuchung über den Zusammenhang mit Störungen der Gelenkbeweglichkeit an der Lendenwirbelsäule

Manuelle Med 38 (2000)33 - 5

-Hack,G.D.

Koritzer,R.T., Robinson,W.L., Hallgren,R.C., Greenman,P.E.

Anatomic relation between the rectus capitis posterior minor muscle and the dura mater

Spine 20 (1995)2484 – 6 (zit. Sizer et al., 2002)

Hackett,G.S.

Joint Ligament Relaxation, C.C. Thomas, Springfield, Illinois, 1958 (ohne Jahresangabe zit. von Stoddard, 1958, mit zit. van Deursen & Patijn, 1993)

+Haddad,J.L.

Saade,N.E., Safieh-Garabedian,B.

Interleukin-10 and the regulation of mitogen-activated protein kinases: are these signalling modules targets for the anti-inflammatory action of this cytokine?

Cell Signal 15 (2003)255 – 67

+Haddox,J.D.

Joranson,D., Angarola,R.T., Brady,A., Carr,D.B., Blonsky,R., Burchiel,K., Gitlin,M., Midcap,M., Payne,R., Simon,D., Vasudewan,S., Wilson,P.

The use of opioids for the treatment of chronic pain, A cocnsensus statement from the American Academy of Pain Medicine and the American Pain Society

Clin J Pain 13 (1997)6 – 8

+Haderer,A.

Gerner,P., Kao,G., Srinivasa,V., Wang,G.K.

Cutaneous analgesia after transdermal application of amitriptyline versus lidocaine in rats

Anesth Analg 96 (2003)1707 – 10

+Hadjipavlou,A.G.

Tzermiadianos,M.N., Bogduk,N., Zindrick,M.R.

The pathophysiology of disc degeneration: a critical review

J Bone Joint Surg 90 (2008)1261 – 70

+Hadjipavlou,G.

Dunckley,P., Behrens,T.E., Tracey,I.

Determining anatomical connectivities between cortical and brainstem pain processing regions in humans: A diffusion tensor imaging study in healthy controls

Pain 123 (2006)169 – 78

Hadjistavropoulos,H.

Shymkiw,J.

Predicting readiness to self-manage pain

Clin J Pain 23 (2007)259 - 66

+Hadjistavropoulos,H.D.

MacLeod,F.K., Asmundson,G.J.G.

Validation of the chronic pain coping inventory

Pain 80 (1999)471 – 81

Hadland,S.E.

Rivera-Aguirre,A., Marshall,B.D.L., Cerda,M.

Association of pharmaceutical industry marketing of opioid products with mortality from opioid-related overdoses

JAMA Netw Open 2 (2019)3:e191625 (zit. Zenz, 2020)

- Hadler,N. To be a patient or a claimant with a musculoskeletal illness  
Clinical Concepts in Regional Musculoskeletal Illness,  
Orland,FL: Grune & Stratton, 1987, 7 – 21 (zit. Hazard, 1977)
- +Hadler,N.M. The disabling backache. An international perspective  
Spine 20 (1995)640 – 9
- Hadler,N.M. Regional back pain: predicament at home, nemesis at work  
J Occup Environ Med 38 (1996)973 – 8 (zit. Harris et al.,  
2007)
- Hadler,N.M. Occupational Musculoskeletal Disorders  
3<sup>rd</sup> ed. Philadelphia, Lippincott, Williams & Wilkins 2005 (zit.  
Hadler, 2007)
- Hadler,N.M. Point of view  
Spine 32 (2007)299 - 300
- +Hadler,N.M. Curtis,P., Gillings, D.B., Stinnet,S.  
A benefit of spinal manipulation as adjunctive therapy for  
acute low back pain: a stratified controlled trial  
Spine 12 (1987)702 – 6
- +Haefeli,M. Kalberer,F., Saegesser,D., Nerlich,A.G., Boos,N., Paesold,G.  
The course of macroscopic degeneration in the human  
lumbar intervertebral disc  
Spine 31 (2006)1522 – 31
- +Haeseler,G. Foadi,N., Ahrens,J., Dengler,R., Hecker,H., Leuwer,M.  
Tramadol, fentanyl and sulfetanil but not morphine block  
voltage-operated sodium channels  
Pain 126 (2006)234 – 44
- +Hafenbrack,K. Heinrich,M., Müller,G., Marnitz,U., Mallwitz,J., Klinger,R.  
Effekte eines interdisziplinären Functional-restoration-  
Behandlungsprogramms mit kognitiv-behavioraler Therapie  
beim chronischen Rückenschmerz. Versorgungsforschung im  
Kontext von Selektivverträgen  
Schmerz 27 (2013)566 - 76
- Häfner,S. Zipfel,S.

Somatoforme Störung – was kann der Hausarzt leisten?

MMW – Fortschr Med 150 (2008)16: 41 - 4

+Hagen,E.M.

Eriksen,H.R., Ursin,H.

Does early intervention with a light mobilisation program reduce long-term sick leave for low back pain?

Spine 25 (2000)1973 – 6

-Hagen,E.M. et al.

Comorbid subjective health complaints in low back pain

Spine 31 (2006)1491 – 5

+Hagen,K.B.

Tambs,K., Bjerkedal,T.

A prospective cohort study of risk factors for disability retirement because of back pain in the general working population

Spine 27 (2002)1790 – 6

+Hagen,K.B.

Hilde,G., Jamvedt,G., Winnem,M.F.

The cochrane review of advice to stay active as a single treatment for low back pain for low back pain and sciatica

Spine 27 (2002)1736 – 41

+Hagen,K.B.

Jamtvedt,G., Hilde,G., Winnem,M.F.

The updated Cochrane review of bed rest for low back pain and sciatica

Spine 30 (2005)542 – 6

+Hagen,K.

Svebak,S., Zwart,J.A.

Incidence of musculoskeletal complaints in a large adult Norwegian county population. The HUNT study

Spine 31 (2006)2146 – 50

+Hagen,L.

Hebert,J.J., Dekanich,J., Koppenhaver,S.

The effect of elastic therapeutic taping on back extensor muscle endurance in patients with low back pain: a randomized, controlled, crossover trial

J Orthop Sports Phys Ther 45 (2015)215 - 9

Hägg,G.M.

Static work loads and occupational myalgia – a new explanation model

In: Andersen,P.A., Hobart,D.J., Danoff,J.V. (eds.):  
Electromyographically kinesiology; Elsevier Science Publishers  
B.V. (Biomedical Division): 1991, p. 141 – 4 (zit. Andersen et  
al., 2008)

-Hägg,O.

Fritzell,P., Nordwall,A.

The clinical importance of changes in chronic in outcome  
scores after treatment of chronic low back pain

Eur Spine J 12 (2003)12 – 20

+Haghparast,A.

Gheitasi,I.P., Lashgari,R.

Involvement of glutamatergic receptors in the nucleus  
cuneiformis in modulating morphine-induced antinociception  
in rats

Eur J Pain 11 (2007)855 – 62

+Hagiwara,S.

Iwasaka,H., Takeshima,N., Noguchi,T.

Mechanisms of analgetic action of pulsed radiofrequency on  
adjuvant-induced pain in the rat: roles of descending  
adrenergic and serotonergic systems

Eur J Pain 13 (2009)249 - 52

+Haher,T.R.

Bergman,M., O'Brien,M., Felmly,W.T., Choueka,J., Welin,D.,  
Chow,G., Vassiliou

The effect of the 3 columns of the spine on the instantaneous  
axis of rotation in flexion and extension

Spine 16 (1991)S312 – 8

+Hahn-Godeffroy,J.D.

Zur Unentbehrlichkeit von Procain in der Neuraltherapie

Dt Z Akupunkt 57 (2014)4: 30

+Hahne,A.J.

Ford,J.J., Hinman,R.S., Richards,M.C., Surkitt,L.D., Chan,A.Y.P.,  
Slater,S.L., Taylor,N.F.

Individualized functional restoration as an adjunct to advice for  
lumbar disc herniation with associated radiculopathy. A  
preplanned subgroup analysis of a randomized controlled  
trial.

Spine J 17 (2017)346 - 59

+Haig,A.J.

Editorial: The need versus the choice for treatment of spinal  
disorders: Does our science help us to differentiate?

Spine J 6 (2006)355 – 6

- +Haig,A.J. Weiner,J.B.-, Tew,J., Quint,D., Yamakawa,K.  
The relation among spinal geometry on MRI, paraspinal electromyographic abnormalities, and age in persons recruited for electrodiagnostic testing of low back symptoms  
Spine 27 (2002)1918 – 25
- +Haig,A.J. Tong,H.C., Kendall,R.  
The bent spine syndrome: myopathy + biomechanics = symptoms  
Spine J 6 (2006)190 – 4
- +Haig,A.J. Tong,H., Yamakawa,K.S.J., Parres,C., Quint,D.J., Chiodo,A., Miner,J.A., Phalke,V.C., Hoff,J.T., Geisser,M.E.  
Predictors of pain and function in persons with spinal stenosis, low back pain, and no back pain  
Spine 31 (2006)2950 – 7
- +Haigh,R. Clarke,A.K.  
Effectiveness of rehabilitation for spinal pain  
Clin Rehabil 13 (1999)63 – 81
- +Hakala,P. Rimpelä,A., Salminen,J.J., Virtanen,S.M., Rimpelä  
Back, neck and shoulder pain in Finish adolescents: national cross sectional surveys  
Br Med J 325 (2002)1 – 4
- +Haker,E. Egekvist,H., Bjerring,P.  
Effect of sensory stimulation (acupuncture) on sympathetic and parasympathetic activities in healthy subjects  
J Auton Nerv Syst 79 (2000)52 – 9
- +Häkkinen,A. Kuukkanen,T., Tarvainen,U., Ylinen,J.  
Trunk muscle strength in flexion, extension and axial rotation in patients managed with lumbar disc herniation surgery and in healthy control subjects  
Spine 28 (2003)1068 – 73
- +Halbert,B.T. Davis,R.B., Wee,C.C.  
Disproportionate longer-term opioid use among U.S. adults with mood disorders

- Pain 157 (2016)2452 - 7
- +Haldeman,S. Spinal manipulative therapy. A status report  
Clin Orthop Rel Res 179 (1983)62 - 70
- +Haldeman,S. Spinal manipulative therapy in sports medicine  
Clin Sports Med 5 (1986)277 – 93
- +Haldeman,S. Neurological effects of the adjustment  
J Manipulative Physiol Ther 23 (2000)112 – 4
- +Haldeman,S. Dagenais,S.  
A supermarket approach to the evidence-informed management of chronic low back pain  
Spine J 8 (2008)1 - 8
- Haldemann,S. Hooper,P.D.  
Mobilisation, manipulation, massage and exercise for the relief of musculoskeletal pain. In: Wall,P.D., Melzack,R. (eds.): Textbook of pain New York Churchill Livingstone, 1999, p. 1399 – 418
- +Haldeman,S. Nordin,M., Outerbridge,G., Hurwitz,E.L., Hondras,M., Brady,O., Kopansky-Giles,D., Ford,T., Acaroglu,E.  
Creating a sustainable model of spine care in underserved communities: the World Spine Care (WSC) charity  
Spine J 15 (2015)2303 - 11
- +Hale,M.E. Ahdieh,H., Ma,T.,Rauck,R.  
Efficacy and safety of OPANA ER (oxymorphone extended release) for relief of moderate to severe chronic low back pain in opioid-experienced patients: a 12-week, randomized, double-blind, placebo-controlled study  
J Pain 8 (2007)175 – 84
- +Hale,M.E. Dvergsten,C., Gibel,J.  
Efficacy and safety of oxymorphone extended release in chronic low back pain: results of a randomized, double-blind, placebo- and active-controlled phase III study  
J Pain 6 (2005)21 – 8
- +Hall,A.M. Kamper,S.J., Maher,C.G., Latimer,J., Ferreira,M.I., Nicholas,M.K.

- Symptoms of depression and stress mediate the effect of pain on disability  
Pain 152 (2011a)1044 - 51
- +Hall,H.  
Acupuncture's claims punctured: Not proven effective for pain, not harmless. (commentary)  
Pain 152 (2011)711 - 2
- +Hall,H.  
McIntosh,G., Boyle,C.  
Effectiveness of a low back pain classification system  
Spine J 9 (2009)648 - 57
- +Hall,J.A.  
Jowett,S., Lewis,M., Oppong,R., Konstantinou,K.  
The StarT Back stratified care model for nonspecific back pain: a model-based evaluation of long-term cost-effectiveness  
Pain 162 (2021)702 – 10  
[doi.org/10.1097/j.pain.0000000000002057](https://doi.org/10.1097/j.pain.0000000000002057)
- +Hall,J.A.  
Roter,D.L., Katz,N.R.  
Meta-analysis of correlates of provider behavior in medical encounters  
Med Care 26 (1988)657 - 75
- +Hall,J.C.  
Platell,C.  
Half-live of truth in surgical literature  
Lancet 350 (1997)1752
- +Hall,K.T.  
Lembo,A.J., Kirsch,I., Ziogas,D.C., Douaiher,J., Jensen,K.B., Conboy,L.A., Kelley,J.M., Kokkotou,E., Kaptchuk,T.J.  
Catechol-O-methyltransferase val158met polymorphism predicts placebo effect in irritable bowel syndrome  
PLoS One 7 (2012)e48135
- +Haller,H.  
Lauche,R., Sundberg,T., Dobos,G., Cramer,H.  
Craniosacral therapy for chronic pain: a systematic review and meta-analysis of randomized controlled trials  
BMC Musculoskel Disord 21 (2020)1  
[doi.org/10.1186/s12891-019-3017-y](https://doi.org/10.1186/s12891-019-3017-y)
- +Hallin,R.G.  
Torebjörk,H.E., Wiesenfeld,Z.

- Nociceptors and warm receptors innervated by C fibers in human skin  
J Neurol Neurosurg Psychiatry 44 (1981)313 – 9
- +Hallin,R.P.  
Sciatic pain and piriformis muscle syndrome  
Postgrad Med 74 (1983)69 – 72
- +Hallner,D.  
Hasenbring,M.  
Classification of psychosocial risk factors (yellow flags) for the development of chronic low back and leg pain using artificial neural network  
Neurosci Lett 361 (2004)151 – 4
- +Halonen,J.I.  
Shiri,R., Magnusson Hanson,L.L., Lalluka,T.  
Risk and prognostic factors of low back pain. Repeated population-based cohort study in Sweden  
Spine 44 (2019)1248 - 55
- +Hama,A.T.  
Unnerstall,J.R., Siegan,J.B., Sagen,J.  
Modulation of NMDA receptor expression in the rat spinal cord by peripheral nerve injury and adrenal medullary grafting  
Brain Res 687 (1995)103 – 13
- +Hamamoto,H.  
Miyamoto,H., Doita,M., Takada,T., Nishida,K., Kurosaka,M.  
Capability of nondegenerated and degenerated discs in producing inflammatory agents with or without macrophage interaction  
Spine 37 (2012)161 - 7
- +Hamanishi,C.  
Kawabata,T., Yosii,T., Tanaka,S.  
Schmorl's nodes on magnetic resonance imaging. Their incidence and clinical relevance  
Spine 19 (1994)450 – 3
- Hamberg-van Reenen,H.  
Ariens,G.A., Blatter,B.M. et al.  
Physical capacity in relation to low back, neck, or shoulder pain in a working population  
Occup Environ Med 63 (2006)371 – 7 (zit. Stroyer & Jensen, 2008)

- +Hamberg-van Reenen,H. Ariens,G.A.M., Blatter,B.M., Twisk,J.W.R., van Mechelen,W., Bongers,P.M.  
A systematic review of the relation between physical capacity and future low back and neck/shoulder pain  
Pain 130 (2007)93 – 107
- Hambleton,R.K. Emergence of item response modelling in instrument development and data analysis  
Med Care 38 (2000) Suppl. II: 6 – 65 (zit. Turk et al., 2006)
- +Hamel,M. Maier,A., Weh,L., Lucan,S., Marnitz,U.  
“Work hardening” bei chronischen Rückenschmerzen. Ein intergraler Bestandteil multimodaler Therapieprogramme  
Orthopäde 38 (2009)928 - 36
- +Hamilton,C. Beckenboden, Diaphragma und Transversus abdominis: Ihre Rolle bei lumbopelvischer Instabilität  
Schmerz 21 (2007)Suppl., 44 – 5
- +Hamilton,C. Richardson,C.  
Neue Perspektiven zu Wirbelsäuleninstabilitäten und lumbalem Kreuzschmerz: Funktion und Dysfunktion der tiefen Rückenmuskeln  
Man Ther 1 (1997)17 – 24
- Hamilton,D.W. Functional role of periostin in development and wound repair: Implications for connective tissue disease  
J Cell Commun Signal 2 (2008)9 – 17 (zit Tsai et al., 2013)
- +Hammer,N. Steinke,H., Lingslebe,U., Bechmann,I., JostenC., Slowik,V., Böhme,J.  
Ligamentous influence in pelvic load distribution  
Spine J 13 (2013)1321 - 30
- +Hammer,W. Is a paraspinal compartment syndrome possibel?  
Dynamic Chiropractic 17 (1999)26: 1 – 3
- +Hammond,D.L. Yaksh,T.L.  
Antagonism of stimulation produced antinociception by intrathecal administration of methysergide or phentolamine  
Brain Res 298 (1984)329 – 37

- +Hammouri,Q.M. Haims,A.W., Simpson,A.K., Alqaqa,A., Grauer,J.N.  
The utility of dynamic flexion-extension radiographs in the initial examination of the degenerative lumbar spine  
Spine 32 (2007)2361 - 4
- +Hamon,M. Gallisot,M.C., Menard,F., Gozlan,H., Bourgoin,S., Verge,D.  
5-HT 3 binding sites are on capsaicin-sensitive fibers in the rat spinal cord
- +Hampel,R. Moergel,M.F.  
Schmerzchronifizierung bei Rückenschmerzpatienten in der stationären Rehabilitation. Zur Validität des Mainzer Stadienmodells der Schmerzchronifizierung  
Schmerz 23 (2009)154 - 165  
Eur J Pharmacol 164 (1989)315 – 22
- +Han,J.S. Electroacupuncture: an alternative to antidepressants for treating affective diseases?  
Int J Neurosci 29 (1986)79 – 92
- +Han,J.S. Acupuncture and endorphins  
Neurosci Lett 361 (2004)258 - 61
- +Han,J.S. Acupuncture analgesia: Areas of consensus and controversy  
Pain 152 (2011)S41 - 48
- +Han,J.S. Terenius,L.  
Neurochemical basis of acupuncture analgesia  
Annu Rev Pharmacol Toxicol 22 (1982)192 – 220
- Han,J.S. Xie,G.X., Ding,X.Z., Fan,S.G.  
High and low frequency electroacupuncture analgesia are mediated by different opioid peptides  
Pain (1984) Suppl. 2: 369 (so zit. Musial et al., 2009) : 543 (so zit. de Santana et al, 2010)
- +Han,T.I. Hong,C.Z., Kou,F.C., Hsieh,Y.L., Chou,L.W., Kao,M.J.  
Mechanical pain sensitivity of deep tissues in children – possible development of myofascial triggerpoints in children  
BMC Musculoskelet Disord 13 (2012)13

- +Hanada,E. Kirby,R.L., Mitchell,M., Swuste,J.M.  
Measuring leg-length discrepancy by the “iliac crest palpation and book correction” method: reliability and validity  
Arch Phys Med Rehabil 82 (2001)938 - 42
- +Hanani,M. Satellite glia cells in sensory ganglia: from form to function  
Brain Res Rev 48 (2005)457 – 76
- +Hanani,M. Huang,T.Y., Cherkas,P.S., Ledda,M., Pannese,E.  
Glial cell plasticity in sensory ganglia induced by nerve damage  
Neurosci 114 (2002)279 – 83
- +Hancock,C.M. Riegger-Krugh,C.  
Modulation of pain in osteoarthritis: the role of nitric oxide  
Clin J Pain 24 (2008)353 – 65
- +Hancock,M.J. Battie,M.C., Videman,T., Gibbons,L.  
The role of back injury or trauma in lumbar disc degeneration. An exposure-discordant twin study  
Spine 35 (2010)1925 - 9
- Hancock,M. Herbert,M.D., Maher,C.G.  
A guide to interpretation of studies subgroups of responders to physical therapy interventions  
Phys Ther 89 (2009)698 - 704
- +Hancock,M.J. Kjaer,P., Kent,P., Jensen,R.K., Jensen,T.S.  
Is the number of different MRI findings more strongly associated with low back pain than single MRI findings?  
Spine 42 (2017)1283 - 8
- +Hancock,M.J. Maher,C.G., Latimer,J., McLachlan,A.J., Day,R.O., Davies,R.A.  
Can predictors of response to NSAIDs be identified in patients with acute low back pain  
Clin J Pain 25 (2009)659 - 65
- +Hancock,M.J. Maher,C.G., Latimer,A.J., McLachlan,A.J., Cooper,C.W., Day,R.O., Spindler,M.F., McAuley,J.H.

Assessment of diclofenac or spinal manipulative therapy, or both, in addition to recommended first-line treatment for acute low back pain: a randomized controlled trial

Lancet 370 (2007)1638 - 43

+Hancock,M.

Maher,C.G., Latimer,A.J., Herbert,R.D., McAuley,J.H.

Independent evaluation of a clinical prediction rule for spinal manipulative therapy: a randomized controlled trial

Eur Spine J 17 (2008)936 – 43

+Hancock,M.

Maher,C., Macaskill,P., Latimer,J., Kos.W., Pik,J.

MRI findings are more common in selected patients with acute low back pain than controls?

Eur Spine J 21 (2012)240 - 6

+Hancock,M.J.

Maher,C.M., Petocz,P., Lin,C.W.C., Steffens,D., Luque-Suarez,A., Magnusson,J.S.

Risc factors for a recurrence of low back pain

Spine J 15 (2015)2360 - 8

+Handa,T.

Ishihara,H., Ohshima,H., Osada,R., Tsuji,H., Obata,K.

Effects of hydrostatic pressare on matrix synthesis and matrix metalloproteinase production in the human lumbar intervertebral disc

Spine 22 (1997)1085 – 91

+Handwerker,H.O.

Von Descartes bis zum fMRI: Schmerztheorien und Schmerzkonzepte

Schmerz 21 (2007)307 – 17

+Handwerker,H.O.

Classification of nociceptors – to what purpose? (commentary)

Pain 148 (2010)355 - 6

Haneline,M.T.

Young,M.

A review of intraexaminer and interexaminer reliability of static spinal palpation: a litertur synthesis

J Manipulative Phys Ther 32 (2009)379 – 86 (zit. Ammer, 2009)

+Hangai,M.

Kaneoka,K., Kuno,S., Hinotsu,S., Sakane,M., Mamizuka,N., Sakai,S., Ochiai,N.

Factors associated with lumbar intervertebral disc degeneration in the elderly

Spine J 8 (2008)732 - 40

Hangai,M.

Kaneoka,K., Okubo,Y., Miyakawa,S., Hinotsu,S., Mukai,N., Sakane,M., Ochiai,N.

Relationship between low back pain and competitive sports activities during youth

Am J Sports Med 38 (2010)791 – 6  
doi.org/10.1177/0363546509350297

+Hanisch,U.K.

Kettenmann,H.

Microglia: active sensor and versatile effector cells in the normal and pathologic brain

Nat Neurosci 10 (2007)1387 – 94

+Hanke,A.

Schoch,W., Keller,M., Richter,R.

Funktionelle Testungen zur Ermittlung des Return-to-Activity-Status bei Patienten mit unspezifischen Kreuzschmerzen

Sportverl Sportschad (2021) Mai doi.org/10.1055/a-1272-9781

+Hanna,M.

O'Brien,C., Wilson,M.C.

Prolonged-release oxycocaine enhances the effects of existing gabapentin therapy in painful diabetic neuropathy patients

Eur J Pain 12 (2008)804 - 13

+Hannan,M.T.

Felson,D.T., Pincus,T.

Analysis of discordance between radiographic changes and knee pain in osteoarthritis of the knee

J Rheumatol 27 (2000)1513 - 7

+Hansen,B.B.

Bendix,t., Grindsted,J., Bliddal,H., Christensen,R., Hansen,P., Riis,R.G.C., Boesen,M.

Effect of lumbar disc degeneration and low back pain on the lumbar lordosis in supine and standing: a cross-sectional MRI study

Spine 40 (2015)1690 - 6

+Hansen,F.R.

Bendix,T., Skov,P., Jensen,C.V., Kristensen,J.H., Krohn,L., Schioeler,H.

Intensive, dynamic back-muscle exercises, conventional physiotherapy, or placebo-control treatment of low back pain: a randomized, observer-blind trial

Spine 18 (1993)98 – 107

+Hansen,L.

de Zee,M., Rasmussen,J., Andersen,T.B., Wong,C., Simonsen,E.B.

Anatomy and biomechanics of the back muscles in the lumbar spine with reference to biomechanical modelling

Spine 31 (2006)1888 - 99

+Hansen,T.M.

Bendix,T., Bünger,C.E., Junker,P., Kosteljanetz,M., Manniche,C., Rasmussen,G.G., Pedersen,K.S.

Laenderesmerter klaringsrapport fra dansk selskap for intern medecin

Ugeskr Laeger 158 (1996)Suppl 4: 1 – 18

+Hanson,D.S.

Bridwell,K.H., Rhee,J., Rhee,J.M., Lenke,L.G.

Correlation of pelvic incidence with low and high grade isthmic spondylolisthesis

Spine 27 (2002)2026 – 9

+Hanson,P.

Magnusson,S.P., Sorensen,H., Simonsen,E.B.

Differences in the iliolumbar ligament and the transverse process of the L5 vertebra in young white and black people

Acta Anat 163 (1998)218 – 23

+Hanson,P.

Sonesson,B.

The anatomy of the iliolumbar ligament

Arch Phys Med Rehabil 75 (1994)1245 – 6

+Hanson,T.

Suzuki,N., Hebelka,H., Gaulitz,A.

The narrowing oft the lumbar spinal canal during loaded MRI: the effects oft he disc and ligamentum flavum

Eur Spine J 18 (2009)679 – 86

+Hanssen,M. M.

Peteres,M.L., Vlaeyen,J.W.S., Meevissen,Y.M.C.

Optimism lowers pain : Evidence of the causal status and underlying mechanisms

Pain 154 (2013)53 - 8

- +Hansson,E.K.
- Hansson,T.H.
- The cost for persons sick-listed more than one month because of low back or neck problems. A two-year prospective study of Swedish patients
- Eur Spine J 14 (2005)337 – 45
- +Hansson,T.
- Bigos,S., Beecher,P., Wortley,M.
- The lumbar lordosis in acute and chronic low back pain
- Spine 10 (1985)154 -5
- +Hansson,T.
- Hansson,E., Malchau,H.
- Utility of spine surgery : a comparison of common elective orthopaedic surgical procedures
- Spine 33 (2008)2819 - 30
- +Hansson,T.
- Roos,B.
- The relation between bone mineral content, experimental compression fractures and disc degeneration in lumbar vertebrae
- Spine 6 (1981)147 – 53
- +Hansson,T.H.
- Keller,T.S., Spengler,D.M.
- Mechanical behavior of the human lumbar spine: II. Fatigue failure during dynamic compressive loading
- J Orthop Res 5 (1987)479 – 508
- +Hao,S.
- Mata,M., Wolfe,D., Huang,S., Glorioso,J.C., Fink,D.J.
- HSV-mediated gene transfer of the glial cell-derived neurotrophic factor provides an antiallodynic effect on neuropathic pain
- Mol Ther 8 (2003)367 – 75 --
- +Haq,S.A.
- Darmawan,J., Islam,M.N., Uddin,M.Z., Das,B.B., Rahman,F., Chowdhury,M.A.J., Alam,M.N., Mahmud,T.A.K., Chowdhury,M.R., Tahir,M.
- Prevalence of rheumatic diseases and associated outcomes in rural and urban communities in Bangladesh: a COPCORD study
- J Rheumatol 32 (2005)348 – 53

- +Harada,E. Tokuoka,H., Fujikoshi,S., Funai,J., Wohlreich,M.M., Ossipov,M.H., Iwata,N.  
Is duloxetine's effect on painful physical symptoms in depression an indirect result of improvement of depressive symptoms? Pooled analyses of three randomized trials  
*Pain* 157 (2016)577 - 84
- +Harasawa,I. Johansen,J.P., Fields,H.L., Porreca,F., Meng,I.D.  
Alterations in the rostral ventromedial medulla after the selective ablation of my-opioid receptor expressing neurons  
*Pain* 157 (2016)166 - 73
- +Härkäpää,K. Järvikoski,A., Mellin,G., Hurri,H.  
A controlled study on the outcome of inpatient and outpatient treatment for low back pain. Part I  
*Scand J Rehab Med* 21 (1989)81 – 9
- +Härkäpää,K. Mellin,G., Järvikoski,A., Hurri,H.  
A controlled study on the outcome of inpatient and outpatient treatment for low back pain. Part III  
*Scand J Rehab Med* 22 (1990)181 - 8
- +Hardcastle,P. Annear,P., Foster,D.H., Chakera,T.M., McCormick,C., Khangurem,M., Burnett,A.  
Spinal abnormalities in young fast bowlers  
*J Bone Joint Surg Br* 74 (1992)421 – 5
- Harden,R.N. Remble,T.A., Houle,T.T., Long,J.F., Markov,M.S., Gallizzi,M.A.  
Prospective, randomized, single-blind, sham treatment-controlled study of the safety and efficacy of an electromagnetic field device for the treatment of chronic low back pain  
*Pain Practice* 7 (2007)248 - 55
- +Harding,V.R. de Williams,A.C.  
Activities training: integrating behavioral and cognitive methods with physiotherapy in pain management  
*J Occup Rehabil* 8 (1998)47 - 59
- +Hardt,J. Brähler,E.

- Symptomchecklisten bei Patienten mit chronischen Schmerzen  
Schmerz 21 (2007)7 – 14
- Hardt,J.  
Gerbershagen,H.U.
- Cross-validation of the SCL-27: a short psychometric screening instrument for chronic pain patients  
Eur J Pain 5 (2001)187 – 197 (zit. Hardt & Brähler, 2007)
- Hardy,S.G.  
Leichnetz,G.R.
- Cortical projections to the periaquaeductal gray in the monkey: a retrograde and orthograde horseradish peroxidase study  
Neurosci Lett 22 (1981)97 – 101 (zit. Giesecke et al., 2006)
- +Harke,G.  
Lumbale Instabilität aus Sicht der manuellen Medizin  
Manuelle Med 57 (2019)400 - 4
- Harkness,H.D.  
Functional aspects of the connective tissue of skin  
In. Balazs,E.A. (ed.):Chemistry and Molecular Biology of the Extracellular Matrix, Vol.3; New York, London, Academic Press,1970, p.1309 – 40 (zit. Kuhnke & Heine, 2013)
- +Harlick,J.C.  
Milosavljevic,S., Milburn,P.D.
- Palpation identification of spinous processes in the lumbar spine  
Manual Ther 12 (2007)56 – 62
- +Haro,H.  
Crawford,H.C., Fingleton,B., MacDougall,J.R., Shinomiya,K., Spengler,D.M., Matrisian,L.M.
- Matrix metalloproteinase-3 dependent generation of a macrophage chemoattractant in a model of herniated disc resorption  
J Clin Invest 105 (2000)133 – 41
- +Haro,H.  
Kato,T., Komori,H., Osada,M., Shinomiya,K.
- Vascular endothelial growth factor (VEGF)-induced angiogenesis in herniated disc resorption  
J Orthopaed Res 20 (2002)409 – 15
- +Haroutouian,S.  
Donaldson,G., Yu,J., Lipman,A.G.

Development and validation of shortened, restructured Treatment Outcome in Pain Survey instrument (the S-TOPS) for assessment of individual pain patients' health-related quality of life

Pain 153 (2012)1593 - 1601

+Haroutouian,S.

Ratz,Y., Ginosar,Y., Furmanov,K., Saifi,F., Meidan,R., Davidson,E.

The effect of medical cannabis on pain and quality-of-life outcomes in chronic pain. A prospective open-label study

Clin J Pain 32 (2016)1036 - 43

(+)Harper,B.

Steinbeck,L., Aron,A.

Fascial manipulation vs. Standard physical therapy practice for low back pain diagnoses: a pragmatic study

J Bodywork Movem Ther (2018)  
doi.org/10.1016/j.jbmt.2018.10.007

+Harpf,C.

Receptors for NGF and GDNF are highly expressed in human peripheral nerve neuroma

Muscle Nerve 25 (2002)612 – 5

+Harreby,M.

Hesselsoe,G., Kjer,J., Neergaard,K.

Low back pain and physical exercise in leisure time in 38 – year – old men and women: A 25 – year prospective cohort study of 640 school children

Eur Spine J 6 (1997)181 – 6

+Harreby,M.

Kjer,J., Hesselsoe,G., Neergaard,K.

Epidemiological aspects and risk factors for low back pain in 38-year-old men and women: a 25-year prospective cohort study of 640 school children

Eur Spine J 5 (1996)312 – 8

+Harreby,M.

Nygaard,B., Jessen,T., Larsen,E., Storr-Paulsen,A., Lindahl,A., Fisker,I., Laegaard,E.

Risk factors for low back pain in a cohort of 1389 Danish school children

Eur Spine J 8 (1999)444 – 50

+Harreby,M.

Neergaard,K., Hesselsoe,G., Kjer,J.

- Are radiologic changes in the thoracic and lumbar spine of adolescents risk factors for low back pain in adults?  
Spine 20 (1995)2298 – 2302  
Harreby,M.  
Nygaard,B., Jessen,T., et al.
- Risk factors for low back pain in a cohort of 1,389 Danish schoolchildren: an epidemiologic study  
Eur Spine J 8 (1999)444 – 50 (zit. Müller et al., 2002)  
Harrington,L.  
Those dam-aged telomeres!  
Curr Opin Genet Dev 14 (2004)22 – 8 (zit. Chung et al., 2007)
- +Harris,C.A.  
D'Eon,J.L.  
Psychometric properties of the Beck depression Inventory-second Edition (BDI-II) in individuals with chronic pain  
Pain 137 (2008)609 - 22  
Harris,G.R.  
Susman,J.L.  
Managing musculoskeletal complaints with rehabilitation therapy; summary of the Philadelphia Panel, evidenced based clinical practice guidelines on musculoskeletal rehabilitation  
J Fam Pract 51 (2002)1042 – 6 ( zit Sanders et al., 2005)  
+Harris,I.  
Mulford,J., Solomon,M., van Gelder,J.M., Young,J.  
Association between compensation status and outcome after surgery: A meta-analysis  
J Am Med Ass 293 (2005)1644 – 52  
Harris,I.A.  
Young,J.M., Rae,H., Jalaludin,B.B., Solomon,M.J.  
Factors associated with back pain after physical injury: a survey of consecutive major trauma patients  
Spine 32 (2007)1561 - 5  
+Harris,J.A.  
Westbrook,R.F.  
Effects of benzodiazepine microinjection into the amygdala or periaqueductal gray on the expression of conditioned fear and hypoalgesia in rats  
Behav Neurosci 109 (1995)295 – 304  
Harris,J.S.  
Development, use, and evaluation of clinical practice guidelines

J Occup Environ Med / Am College Occup Environ Med 39  
(1997)23 – 34 (zit. Cates,J.R. et al., 2006)

- Harris,R.E. Clauw,D.J., Scott,D.J., McLean,S.A., Gracely,R.H., Zubieta,J.K.  
Decreased central mu-opioid receptor availability in fibromyalgia  
J Neurosci 27 (2007a)10000 – 6 (zit. Loggia, 2018)
- +Harris,S.A. Rampersaud,Y.R.  
The importance of identifying and modifying unemployment predictor variables in the evolution of a novel model of care for low back pain in the general population  
Spine J 16 (2016)16 - 23
- +Harris-Hayes,M. van Dillen,L.R.,  
The inter-tester reliability of physical therapists classifying low back pain problems based on the movement system impairment classification system  
Phys Med Rehabil 1 (2009)117 – 26
- +Harrison,A.P. Hansen,S.H., Bartels,E.M.  
Transdermal opioid patches for pain treatment in ancient Greece  
Pain Pract 12 (2012)620 - 5
- +Harrison,D.D. Harrison,S.O., Croft,A.C., Harrison,D.E., Troyanovich,S.J.  
Sitting biomechanics part I: review of the literature  
J Manipulative Physiol Ther 22 (1999)594 – 609
- Harrison,D.E. Harrison,D.D., Troyanovich,S.J.  
The sacroiliac joint: a review of anatomy and biomechanics with clinical implications  
J Manipulative Physiol Ther 20 (1997)607 – 17 (zit. Steinke et al., 2010)
- +Harrison,D.E. Cailliet,R., Harrison,D.D., Janik,T.J., Troyanovich,S.T., Coleman,R.R.  
Lumbar coupling during lateral translation of the thoracic cage relative to a fixed pelvis  
Clin Biomech (Bristol, Avon) 14 (1999)704 – 9

- +Harrison,D.E. Cailliet,R., Harrison,D.D., Janik,T.J.  
How do anterior/posterior translation of the thoracic cage affect the sagittal lumbar spine, pelvic tilt and thoracic kyphosis?  
*Eur Spine J* 11 (2002)287 – 93
- Harstall,C. Ospina,M.  
Prevalence of chronic pain  
In: Carr,D. ed., Clinical Updates, Seattle, IASP Press 2003, 11 – 2 (zit Niv & Devor, 2006)
- +Hart,L.G. Deyo,R.A., Cherkin,D.C.  
Physician office visits for low back pain. Frequency, clinical evaluation, and treatment patterns from a U.S. national survey  
*Spine* 20 (1995)11 – 9
- +Harter,W. Schifferdecker,F., Hoch,A., Denner  
Verfahrensentwicklung für Assessmentinstrumente zur Korrelation behavioraler und funktioneller Beeinträchtigung bei chronischen Rückenbeschwerden in der Diagnostik  
Abstracts Deutscher Schmerzkongress 2003  
*Schmerz* 17 (2003) Suppl.1, S108 – 9
- +Harter,W.H. Systematische Medizinische Trainingstherapie: Definition und Strukturen  
*Manuelle Med* 48 (2010)353 – 9
- +Harter,W.H. Was sind eigentlich Referenzdaten? Überlegungen zur Beurteilung von biomechanischer Messung und Referenzdatenkonzepten bei Patienten mit chronischen Rückenschmerzen  
*Manuelle Med* 49 (2011)72 - 82
- +Hartford,J.M. McCullen,G.M., Harris,R., Brown,C.C.  
The iliolumbar ligament. Three-dimensional volume imaging and computer reformatting by magnetic resonance: a technical note  
*Spine* 25 (2000)1098 – 1103
- +Hartigan,C. Rainville,J., Sobel,J.B., Hipona,M.

- Long-term exercise adherence after intensive rehabilitation for chronic low back pain  
Med Sci Sports Exercise 32 (2000)551 – 7
- +Hartl,F.  
Physikalische Therapie bei vertebragenen Störungen.  
Nachweise der Wirksamkeit und Wirtschaftlichkeit  
Manuelle Med 54 (2016)17 - 20
- +Hartmann,B.  
Ahmadi,S., Heppenstall,P.A., Lewin,G.R., Schott,C.,  
Borchardt,T., Seeburg,P.H., Zellhofer,H.U., Sprengel,R.,  
Kuner,R.  
The AMPA receptor subunits GluR-A and GluR-B reciprocally modulate spinal synaptic plasticity and inflammatory pain  
Neuron 44 (2004)637 – 50
- +Hartmann,B.  
Czock,D., Keller,F.  
Arzneimitteltherapie bei Patienten mit chronischem Nierenversagen  
Dt Ärztebl 107 (2010)647 - 56
- +Harts,C.C.  
Helmhout,P.H., de Bie,R.A.Staal,J.B.,  
A hight intensity lumbar extensor strengthening program is little better than a low intensity program or a waiting list control group for chronic low back pain: a randomized clinical trial  
Aust J Physiother 54 (2008)23 – 31
- +Hartung,J.E.  
Ciszek,B.P., Nackley,A.G.  
Beta-2 – and beta-3 – adrenergic receptors drive COMT-dependant pain by increasing production of nitric oxide and cytokines  
Pain 155 (2014)1346 - 55
- +Hartvigsen,J.  
Musculoskeletal disorders and work disability (commentary)  
Pain 154 (2013)1904 - 5
- +Hartvigsen,J.  
Christensen,K.  
Active lifestyle protects against incident low back pain in seniors: a population-based 2-year prospective study of 1387 Danish twins aged 70 – 100 years  
Spine 32 (2007)76 – 81

- +Hartvigsen,J. Christensen,K.  
Pain in the back and neck are with us until the end. A nationwide interview-based survey of danish 100-year-olds.  
Spine 33 (2008)909 - 13
- Hartvigsen,J. Davidsen,M., Hestbaek,L., Soogard,K., Roos,E.M.  
Patterns of musculoskeletal pain in the population: a latent class analysis using a nationally representative interviewer-based survey of 4817 Danes  
Eur J Pain (2012) 5. 10.2012 doi: 10.1002/j.1532-2149.2012.00225.x
- +Hartvigsen,J. Frederiksen,H., Christensen,K.  
Physical and mental function and incident low back pain in seniors  
Spine 31 (2006)1628 – 32
- +Hartvigsen,J. Lings,S., Leboeuf-Yde,C., Bakkeig,L.  
Psychosocial factors at work in relation to low back pain and consequences of low back pain: a systematic critical review of prospective cohort studies  
Occup Environ Med 61 (2004) e2
- +Hartvigsen,L. Kongsted,A., Hestbaek,L.  
Clinical examination findings as prognostic factors in low back pain: a systematic review of the literature  
Chiropract Man Ther 23 (2015)13: 1 - 14
- +Harvey,E. Burton,A.K., Moffett,J.K., Breen,A.  
Spinal manipulation for low-back pain: a treatment package agreed to by the UK chiropractic, osteopathy and physiotherapy professional associations  
Man Ther 8 (2003)46 – 51
- +Harvey,R.J. Depner,U.B., Wässle,H., Ahmadi,S., Heindl,C., Reinold,H., et al.  
GlyR alpha-3: an essential target for spinal PGE2-mediated inflammatory pain sensitization  
Science 304 (2004)884 – 7

- +Harvey,W.F. Yang,M., Cooke,T.D.V., Segal,N.A., Lane,N., Lewis,C.E., Felson,D.T.  
Association of leg-length inequality with knee osteoarthritis.  
A cohort study  
*Ann Int Med* 152 (2010)287 - 95
- +Harwich,A.S. Joint manipulation: toward a general theory of high-velocity, low-amplitude thrust techniques  
*J Chiropr Humanit* 24 (2017) dec (1) 15 – 23; doi: 10.1016/j.echu.2017.01.001
- +Hasegawa,K. Kitahara,K., Shimoda,H., Ishii,K., Ono,M., Homma,T., Watanabe,K.  
Lumbar degenerative spondylolisthesis is not always unstable.  
Clinicobiomechanical evidence  
*Spine* 39 (2014)2127 -35
- +Hasegawa,S. Yamamoto,H., Morisawa,Y., Michinaka,Y.  
A study of mechanoreceptors in fibrocartilage masses in the defect of the part interarticularis  
*J Orthop Sci* 4 (1999)413 – 20
- +Hasegawa-Moriyama,M. Kurimoto,T., Nakama,M., Godai,K., Kojima,M., Kuwaki,T., Kammura,Y.  
Peroxisome proliferator-activated receptor-gamma agonist rosiglitazone attenuates inflammatory pain through the induction of heme oxygenase-1 in macrophages  
*Pain* 154 (2013)1402 - 12
- Hasenbring,M. Attentional control of pain and the process of chronicification  
In: Sandkühler,J., Bromm,B. Gebhard, G.F., Hrsg., : Progress in brain research, vol. 129, Amsterdam, Elsevier, S. 525 – 34 (zit. Vlaeyen & Morley, 2004)
- Hasenbring,M. Chronifizierung bandscheibenbedingter Beschwerden.  
Risikofaktoren und gesundheitsförderndes Verhalten  
Schattauer, Stuttgart, 1992 (zit Klasen et al., 2006)
- Hasenbring,M. Durchhaltestrategien - ein in Schmerzforschung und Therapie vernachlässigtes Phänomen?  
*Schmerz* 7 (1993)304 – 13
- Hasenbring,M. Das Kieler Schmerzinventar. Manual

- Huber, Bern, 1994
- +Hasenbring,M.  
Kognitive Verhaltenstherapie chronischer und prächronischer Schmerzen  
*Psychotherapeut* 41 (1996)313 - 25
- +Hasenbring,M.  
Ahrens,S.  
Depressivität, Schmerzwahrnehmung und Schmerzerleben bei Patienten mit lumbalem Bandscheibenvorfall  
*Psychother Med Psychol* 37 (1987)149 – 155
- +Hasenbring,M.I.  
Hallner,D., Klasen,B., Streitlein-Böhme,I., Willburger,R., Rusche,H.  
Pain-related avoidance versus endurance in primary care patients with subacute back pain: Psychological characteristics and outcome at a 6-month follow-up  
*Pain* 153 (2012)211 - 7
- +Hasenbring,M.I.  
Levenig,C., Hallner,D., Puschmann,A.K., Weiffen,A., Kleinert,J., Belz,J., Schiltenwolf,M. und weitere drei Autoren  
Psychosoziale Risikofaktoren für chronische Rückenschmerzen in der Allgemeingesellschaft und im Leistungssport. Von der Modellbildung zum klinischen Screening – ein Review aus dem MiSpEx-Netzwerk  
*Schmerz* 32 (2018)259 - 73
- +Hasenbring,M.  
Marienfeld,G., Kuhlendahl,D., Soyka,D.  
Risc factors of chronicity in lumbar disc patients  
*Spine* 19 (1994)2759 – 2765
- +Hasenbring,M.I.  
Plaas,H., Fischbein,B., Willburger,R.  
The relationship between activity and pain in patients 6 month after lumbar disc surgery: do pain-related coping modes act as moderator variables?  
*Eur J Pain* 10 (2006)701 – 9
- +Hasenbring,M.I.  
Verbunt,J.A.  
Fear-avoidance and endurance-related responses to pain: new models of behavior and their consequences for clinical practice  
*Clin J Pain* 26 (2010)747 - 53

- +Hasenöhrl,R.U. Souza-Silva,M.A., Nikolaus,S., Tomas,C., Brandao,M.I., Schwarting,R.K., Huston,J.P.  
Substance P and its role in neural mechanisms governing learning, anxiety and functional recovery  
*Neuropeptides* 34 (2000)272 – 80
- +Hashem,L.E. Roffey,D.M., Alfasi,A.M., Papineau,G.D., Wai,D.C., Phan,P., Kingwell,S.P., Wai,E.K.  
Exploration of the inter-relationships between obesity, physical inactivity, inflammation, and low back pain  
*Spine* 43 (2018)1218 - 24
- Hashemi,L. Webster,B.S., Clancy,E.A.  
Trends in disability duration and cost of worker's compensation in low back pain claims 1988 – 1996  
*J Occup Environ Med* 40 (1998)1110 – 9
- +Hashimoto,G. . Aoki,T., Nakamura,H., Tanzawa,K., Okada,Y.  
Inhibitor of ADAMTS4 (aggrecanase-1) by tissue inhibitors of metalloproteinases (TIMP-1, 2, 3 and 4)  
*FEBS Lett* 494 (2001)192 – 5
- +Hashizume,H. Three-dimensional architecture and development of lumbar intervertebral discs  
*Acta Med Okayama* 34 (1980)301 – 14
- +Hashizume,H. Kawakami,M., Nishi,H., Tamaki,T.  
Histochemical demonstration of nitric oxide in herniated lumbar discs. A clinical and animal modes study  
*Spine* 22 (1997)1080 – 4 (zit. Zhou & Abdi, 2006)
- +Hashizume,H. Kawakami,M., Yoshida,M. Okada,M. Enyo,Y., Inomata,Y.  
Sarprogrelate hydrochloride, a 5-HT2A receptor antagonist, attenuates neurogenic pain induced by nucleus pulposus in rats  
*Spine* 32 (2007)315 - 20
- +Hashmi,J. Baliki,M., Chanda,M., Huang,L., Parks,E., Schnitzer,T., Apkarian,V.

- Lidocaine patch (5 %) is not more potent than placebo in treating chronic back pain when tested in a randomized double blind placebo controlled brain imaging study  
Mol Pain 8 (2012)29
- +Hashmi,J.  
Davis,K.D.  
Deconstructing sex differences in pain sensitivity  
Pain 155 (2014)10 -3
- +Hashimi,J.A.  
Baria,A.T., Baliki,M.N., Huang,L., Schnitzer,T.J., Apkarian,A.V.  
Brain networks predicting placebo analgesia in a clinical trial for chronic back pain  
Pain 153 (2012a)2393 - 402
- Hasler,C.C.  
Beinlängendifferenzen. Behandlungsbedürftigkeit und Bedeutung von verkürzenden Operationen  
Orthopäde 29 (2000)766 - 74
- +Hassan,A.H.S.  
Ableitner,A., Stein,C., Herz,A.  
Inflammation of the rat paw enhances axonal-transport of opioid receptors in the sciatic nerve and increases their density in the inflamed tissue  
Neurosci 55 (1993)185 – 95
- Hasselstrom,J.  
Sawe,J.  
Morphine pharmacokinetics and metabolism in humans. Enterohepatic cycling and relative contribution to metabolites to active opioid concentrations  
Clin Pharmacokinet 24 (1993)344 – 54 (zit. Fredheim et al., 2007)
- +Hassett,A.I.  
Goesling,J., Mathur,S.N., Moser,S.E., Brummett,C.M., Sibille,K.T.  
Affect and low back pain. More to consider than the influence of negative affect alone  
Clin J Pain 32 (2016)907 - 14
- +Hassett,G.  
Hart,D.J., Manek,N.J., Doyle,D.V., Spector,T.D.  
Risk factors for progression of lumbar spine disc degeneration: the Chingford study  
Arthritis Rheum 48 (2003)3112 – 17

- +Hasue,M. Pain in the nerve root. An interdisciplinary approach  
Spine 18 (1993)2053 – 8
- +Hasue,M. Kikuchi,S., Sakuyama,Y., Ito,T  
Anatomic study of the interrelation between lumbosacral  
nerve roots and their surrounding tissues  
Spine 8 (1983)50 – 8
- +Haswell,K. Gilmour,J., Moore,B.  
Clinical decision rules for identification of low back pain  
patients with neurologic involvement in primary care  
Spine 33 (2008) 68 - 73
- +Hatakeyama,S. Wakamori,M., Imo,M., Miyamoto,N., Takahashi,E.,  
Yoshinaga,T., Sawada,K., Imoto,K., tanaka,I., Yoshizawa,T.,  
Nishizawa,Y., Mori,Y., Niidome,T., Shoji,S.  
Differential nociceptive responses in mice lacking the alpha  
(IB)subunit of N type Ca (2+) channels  
Neuro Report 12 (2001)2423 – 7
- +Hatano,E. Fujita,T., Ueda,Y., Katsuda,S., Okada,Y., Matsumoto,T.  
Expression of ADAMTS-4 (aggrecanase-1) and possible  
involvement in regression of lumbar disc herniations  
Spine 31 (2006)1426 – 1432
- +Hatori,M. Kokubun,S.  
Clinical use of etodolac for the treatment of lumbar disc  
herniation  
Curr Med Res Opin 15 (1999)193 – 201
- +Hatashita,S. Sekiguchi,M., Kobayashi,H., Konno,S.I., Kikuchi,S.I.  
Contralateral neuropathic pain and neuropathology in dorsal  
root ganglion and spinal cord following hemilateral nerve  
injury in rats  
Spine 33 (2008)1344 - 51
- Hathaway,S.R. McKinley,J.C.  
Minnesota Multiphasic Pain Inventory Manual (rev. ed.)  
New York, Psychological Corporation, 1967 (zit. Gatchel et al.,  
2006).

- +Hathway,G. Vega-Avelaira,D., Fitzgerald,M.  
A critical period in the supraspinal control of pain: Opioid-dependent changes in brainstem rostroventral medulla functions in preadolescence  
*Pain* 153 (2012)775 - 83
- +Hatten,A.L. Gatchel,R.J., Polatin,P.B., Stowell,A.W.  
A cost-utility analysis of chronic spinal pain treatment outcomes: Converting SF-36 data into quality-adjusted life years  
*Clin J Pain* 22 (2006)700 - 11
- +Haughton,V. Medical imaging of intervertebral disc degeneration: current status of imaging  
*Spine* 29 (2004)2751 – 6
- +Haughton,V.M. Rogers,B., Meyerand,M.E., Resnik,D.K.  
Measuring the axial rotation of lumbar vertebrae in vivo with MR imaging  
*Am J Neuroradiol* 23 (2002)1110 – 6
- +Haugen,A.J. Grovie,L., Brox,J.I., Natvig,B., Keller,A., Soldal,D., Grotle,M.  
Estimates of success in patients with sciatica due to lumbar disc herniation depend upon outcome measure  
*Eur Spine J* 20 (2011)1669 - 75
- +Haus,U. Varga,B., Stratz,T., Späth,M., Müller,W.  
Oral treatment of fibromyalgia with tropisetron given over 28 days: influence of functional and vegetative symptoms, psychometric parameters and pain  
*Scand J Rheumatol Suppl* 113 (2000)55 – 8
- +Hausamann,E. Hüftschmerz und Iliosakralgelenk  
Manuelle Med (1971)4: 73 – 5 , Nachdruck Manuelle Med 50 (2012)289 - 91
- +Hauser,R. The acceleration of articular cartilage degeneration in osteoarthritis by nonsteroidal anti-inflammatory drugs  
*J Prolother* 2 (2010)305 – 22
- +Häuser,W. Diagnose und Differentialdiagnose somatoformer Beschwerden – Aus Sicht der Klinik

Abstracts Deutscher Schmerzkongress 2008

Schmerz 22 (2008)Suppl 2: 101

+Häuser,W.

Bernardy,K., Maier,C.

Langzeittherapie mit Opioiden bei chronischen nicht-tumorbedingtem Schmerz. Systemische Übersicht und Metaanalyseder Wirksamkeit, Verträglichkeit und Sicherheit in offenen Anschlussstudien über mindestens 26 Wochen.

Schmerz 29 (2015)96 - 108

+Häuser,W.

Bernardy,K., Ücayler,N., Sommer,C.

Treatment of fibromyalgia syndrome with gabapentin and pregabalin – a meta-analysis of randomized controlled trials

Pain 145 (2009a)69 - 81

+Häuser,W.

Bock,F., Engeser,P., Tölle,T., Willweber-Strumpf,A., Petzke,F.

Klinische Leitlinie: Langzeitanwendung von Opioiden bei nichttumorbedingten Schmerzen

Dt Ärztebl 111 (2014)732 – 40

+Häuser,W.

Bock,F., Engeser,P., Hege-Schgeuing,G., Hüppe,M., Lindena,G., Maier,C., Norda,H., Radbruch,L., Sabatowski,R., Schäfer,M., Schiltenwolf,M., Schuler,M., Sorgatz,H., Tölle,T., Willweber-Strumpf,A., Petzke,F.

Empfehlungen der aktualisierten leitlinie LONTS.  
Langzeitanwendung von Opioiden bei chronischen nicht-tumorbedingten Schmerzen

Schmerz 29 (2015a)109 - 30

+Häuser,W.

Bock,F., Hüppe,M., Nothacker,M., Norda,H., Radbruch,L., Schiltenwolf,M., Schuler,M., Tölle,T., Viniol,A., Petzke,F.

Empfehlungen der zweiten Aktualisierung der Leitlinie LONTS. Langzeitanwendungen von Opioiden bei chronischen nicht-tumorbedingten Schmerzen

Schmerz 34 (2020)204 - 44

+Häuser,W.

Grulke,N., Michalski,D., Hoffmann,A., Akritidou,I., Klauenberg,S., Maier,C., Hinz,A.

Intensität von Gliederschmerzen und Erschöpfung bei Fibromyalgiesyndrom, depressiven Störungen und chronischen Rückenschmerzen. Ein Unterscheidungskriterium.

Schmerz 23 (2009)267 - 74

- +Häuser,W. Petzke,F., Radbruch,L.  
Die US-amerikanische Opioidepidemie bedroht Deutschland  
Schmerz 34 (2020)1 - 3
- +Häuser,W. Schmutzer,G., Hinz,A., Hilbert,A., Brähler,E.  
Prävalenz chronischer Schmerzen in Deutschland. Befragung einer repräsentativen Bevölkerungsstichprobe  
Schmerz 27 (2013)46 - 55
- +Häuser,W. Schubert,T., Scherbaum,N., Tölle,T.  
Guideline-recommended vs high-dose long-term opioid therapy for chronic noncancer pain is associated with better health outcomes: data from a representative sample of the German population  
Pain 159 (2018)85 - 91
- +Häuser,W. Schubert,T., Scherbaum,N., Tölle,T.  
Langzeitopioidtherapie von nichttumorbedingten Schmerzen. Prävalenz und Prädiktoren von Krankenhausaufenthalten bei möglicher missbräuchlicher Verwendung  
Schmerz 32 (2018)419 - 26
- Hautzinger,M. Bailer,M.  
Allgemeine Depressionsskala  
Beitz, Weinheim, 1993 (zit. Nilges et al., 2007)
- +Hawasli,A.H. Chang,J., Yarbrough,C.K., Steger-May,K., Lenke,L.G., Dorward,I.G.  
Interpedicular high as a predictor of radicular pain in adult degenerative scoliosis  
Spine J 16 (2016)1070 - 8
- +Hawk,C. Long,C.R., Rowell,R.M., Gudavalli,M.R., Jedlicka,J.  
A randomized trial investigating a chiropractic manual placebo: a novel design using standardized forces in the delivery of active and control treatments  
J Altern Complement Med 11 (2005)109 – 17
- Hawkey,C.J. Langman,M.J.

- Non-steroidal anti-inflammatory drugs : overall risks and management. Complimentary roles for COX-2 inhibitors and proton pump inhibitors  
Gut 52 (2003)600 – 8 (zit. Frerick et al., 2003)
- +Hawthorne, G.  
de Morton,N., Kent,P.  
Back pain and social isolation. Cross-sectional validation of the friendship scale for use in students on low back pain  
Clin J Pain 29 (2013)245 - 52
- Hay,E.M.  
Dunn,K.M., Hill,J.C. et al.  
A randomized clinical trial of subgrouping and targeted treatment for low back pain compared with best current care. The StarT Back Study Protocol  
BMC Musculoskelt Disord 9 (2008)58
- +Hay,E.M.  
Pear,G.M.  
New insights into low back pain in older adults (commentary)  
Pain 153 (2012)1 - 2
- +Hay,E.M.  
Mullis,R., Lewis,M., Vohora,K., Main,C.J., Watson,P., Dziedzik,K.S., Sim,J., Minns Lowe,C., Croft,P.R.  
Comparison of physical treatments versus a brief pain-management programme for back pain in primary care: a randomized clinical trial in physiotherapy practice  
Lancet 365 (2005)2024 – 30
- +Hayashi,K.  
Arai,Y.C.P., Morimoto,A., Aono,S., Yoshimoto,T., Nishihara,M., Osuga,T., Inoue,S., Ushida,T.  
Associations between pain drawing and psychological characteristics of different body region pains  
Pain Pract 15 (2015)300 - 7
- +Hayashi,K.  
Ozaki,N., Kawakita,K., Itoh,K., Mizumura,K., Furukawa,K., Yasui,M., Hori,K., Yi,S.Q., Yamaguchi,T., Sugiura,Y.  
Involvement of NGF in the rat model of persistent muscle pain associated with taut band  
J Pain 12 (2011)1059 – 68
- +Hayashi,K.  
Shiozawa,S., Ozaki,N., Mizumura,K., Graven-Nielsen,T.

Repeated intramuscular injections of nerve growth factor induced progressive muscle hyperalgesia, facilitated temporal summation, and expanded pain area

Pain 154 (2013)2344 - 52

+Hayashi,S.

Taira,A., Inoue,G., Koshi,T., Ito,T., Yamashita,M., Yamauchi,K., Suzuki,M., Takahashi,K., Ohtori,S.

TNF-alpha in nucleus pulposus induces sensory nerve growth: A study of the mechanism of discogenic low back pain using TNF-alpha-deficient mice

Spine 33 (2008)1542 – 6

+Hayashi,Y

Ohtori,S., Yamashita,M., Yamauchi,K., Inoue,G., Suzuki,M. und weitere 14 Autoren

Direct single injection of p38 mitogen-activated protein kinase inhibitor does not affect calcitonin gene-related peptide expression in dorsal root ganglion neurons innervation punctured discs in rats

Spine 34 (2009)2843 - 7

+Hayashida,K.I.

Clayton,B.A., Johnson,J.E., Eisenach,J.C.

Brain derived nerve growth factor induces spinal noradrenergic fiber sprouting and enhances clonidine analgesia following nerve injury in rats

Pain 136 (2008)348 - 55

Hayashida,K.

Obata,H., Nakajima,K., Eisenach,J.C.

Gabapentin acts within the locus coeruleus to alleviate neuropathic pain

Anesthesiology 108 (2008a)1077 – 84 (zit. Berrocoso, 2014)

+Hayden,J.A.

Chou,R., Hogg-Johnson,S., Bombardier,C.

Systematic reviews of low back pain prognosis had variable methods and results – guidance for future prognosis review

J Clin Epidemiol 62 (2009)781 - 96

+Hayden,J.A.

Ellis,J., Asbridge,M., Ogilvie,R., Merdad,R., Grant,D.A.G., Stewart,S.A., Campbell,S.

Prolonged opioid use among opioid-naive individuals after prescription for nonspecific low back pain in the emergency department

- Pain 162 (2021)740 – 8  
doi.org/10.1097/j.pain.0000000000002075
- +Hayden,J.A. van Tulder,M.W., Malmivaara,A.V., Koes,B.W.  
Meta-analysis:exercise therapy for non specific low back pain  
Ann Intern Med 142 (2005)765 – 75
- +Hayden,J.A. van Tulder,M.W., Tomlinson,G.  
Systematic review: strategies for using exercise therapy to improve outcomes in chronic low back pain  
Ann Intern Med 142 (2005)776 - 85
- Hayden,J.A. van Tulder,M.W., Malmivaraa,A., Koes,B.W.  
Exercise therapy for treatment of non-specific low back pain  
Cochrane Database Syst Rev 2005 (3):CD000335
- +Hayes,C.J. Krebs,E.E., Hudson,T., Brown,J., Li,C., Martin,B.C.  
Impact of opioid dose escalation on pain intensity: a retrospective cohort study  
Pain 161 (2020)979 - 88
- +Hayes,M.A. Howard,T.C., Gruel,C.R., Kopta,J.A.  
Roentgenographic evaluation of lumbar spine flexion-extension in asymptomatic individuals  
Spine 14 (1989)327 - 31
- +Hayes,S.C. Luoma,J.B., Bond,F.W., Masuda,A., Lillis,J.  
Acceptance and commitment therapy: model, processes and outcomes  
Behav Res Ther 44 (2006)1-25
- Hayes,S.C. Strosahl,K.D., Wilson,K.G.  
Acceptance and commitment therapy: an experiential approach to behavior change  
New York: Guilford Press; 1999 (zit. Wicksell et al., 2008)
- Hayflick,L. The limited in vitro lifetime of human diploid cell strains  
Exp Cell Res 37 (1965)614 – 36 (zit Kepler et al. 2013)
- Hayflick,L. Moorhead,P.S.

- The serial cultivation of human diploid cell strains  
Exp Cell Res 25 (1961)585 - 621
- +Haythornthwaite,J.A. Menefee,L.A., Quatrano-Piacentini,A.I., Papagallo,M.
- Outcome of chronic opioid therapy for non-cancer pain  
J Pain Symptom Manage 15 (1998)185 – 94
- +Haythornthwaite,J.A. Clark,M., Pappagallo,M., Raja,S.N.
- Pain coping strategies play a role in the persistence of pain in post herpetic neuralgia  
Pain 106 (2003)453 – 60
- +Hays,R.D. Spritzer,K.L., Sherbourne,C.D., Ryan,G.W., Coulter,I.D.
- Group and individual-level change on health-related quality of life in chiropractic patients with chronic low back or neck pain  
Spine 44 (2019)647 - 51
- +Hazard,R.G. Goal achievement model for low back pain (editorial)  
Spine 38 (2013)1431 - 5
- +Hazard,R.G. Fenwick,J.W., Kalisch,S.M., redmont,J., Reeves,V., Reid,S., Frymoyer,J.W.
- Functional restoration with behavioral support. A one-year prospective study of patients with chronic low back pain  
Spine 14 (1989)157 – 81
- +Hazard,R.G. Haugh,L.D., Green,P.A., Jones,P.L.
- Chronic low back pain: the relationship between patient satisfaction and pain, impairment and disability outcomes  
Spine 19 (1994)881 – 7
- +Hazard,R.G. Haugh,L., Reid,S., Preble,J., MacDonald,L.
- Early prediction of chronic disability after occupational low back pain injury  
Spine 21 (1996)945-951
- Hazard,R.G. Osterhoudt,C., Haugh,L.D. et al.
- Chronic spinal pain: the relationship between patient satisfaction, symptom and physical capacity outcomes, and

achievement of personal goals following functional restoration.

Presented at ISSLS, Edinburgh, Scotland, UK, 2001 (zit. Hazard, 2013)

+Hazard,R.G.

Spratt,K.F., McDonough,C.M., Carayannopoulos,A.G., Olson,C.M., Reeves,V., Sperry,M.L., Ossen,E.S.

The impact of personal functional goal achievement on patient satisfaction with progress one year following completion of a functional restoration program for chronic disabling spinal disorders

Spine 34 (2009)2797 - 2802

Hazard,R.G.

Spratt,K.F., McDonough,C.M., et al.

Chronic disabling spinal disorders: variation in patient beliefs, expectations and goal priorities. Presented at International Forum X: Primary Care Research on Low Back Pain, Bost, MA, 2009a (zit. Hazard, 2013)

+Hazard,R.G.

Spratt,K.F., McDonough,C.M., Olson,C.M., Ossen,E.S., Hartmann,E.M., Carlson,R.J., LaVoie,J.

Patient centered evaluation of outcomes from rehabilitation for chronic disabling spinal disorders: the impact of personal goal achievements on patient satisfaction

Spine J 12 (2012)1132 - 7

HCN

Health Council of the Netherlands: Management of the Lumbosacral Radicular Syndrome (Sciatica). The Hague: Health Council of the Netherlands 1999: 18 (zit. Luijsterburg et al., 2007)

-He,A.G.D. et al.

Effects of acupuncture treatment on chronic neck and shoulder pain in sedentary female workers: a six month and three year follow up study

Pain 109 (2004)299 – 307

+He,D.

Veiersted,K.B., Hostmark,A.T., Medbe,J.I.

Effect of acupuncture treatment on chronic neck and shoulder pain in sedentary female workers: a 6 month and 3-years follow-up study

Pain 109 (2004)299 - 307

+He,S.Q.

Yang,F., Perez,F.M., Xu,Q., Shechter,R., Cheong,Y.K., Carteret,A.F., Dong,X., Sweitzer,S.M., Raja,S.N., Guan,Y.

Tolerance develops to antialloodynic effects of the peripherally acting opioid Ipramide hydrochloride in nerve-injured rats

Pain 154 (2013)2477 - 86

+He,X.H.

Zang,Y., Chen,X., Pang,R.P., Xu,J.T., Zhou,X., Wei,X.H., Li,Y.Y., Xin,W.J., Qin,Z.H., Liu,X.G.

TNF-alpha contributes to up-regulation of Nav1.3 and Nav1.8 in DRG neurons following motor fiber injury

Pain 151 (2010)266 - 79

Health Canada

Notice of compliance search, 2011

[http://webprod5.hc-sc.gc.ca/noc-ac/start-debutter.do?  
lang=eng](http://webprod5.hc-sc.gc.ca/noc-ac/start-debutter.do?lang=eng). Accessed november16, 2012

+Heary,R.F.

Intradiscal electrothermal annuloplasty: the IDET procedure

J Spinal Disord 14 (2001)353 – 60

+Heath,M.J.

Womack,M.D., MacDermott,A.B.

Substance P elevates intracellular calcium in both neurons and glial cells from the dorsal horn of the spinal cord

J Neurophysiol 72 (1994)1192 – 8

+Heavner,J.E.

Bosscher,H.A., Wachtel,M.S.

Cell types obtained from te epidural space of patients with low back pain/radiculopathy

Pain Practice 9 (2009)167 – 72

Hebb,D.O.

The organization of behaviour: a neuropsychological theory

New York,Wiley Interscience, 1949 (zit.Naka et al., 2013)

+Hebelka,H.

Nilsson,A., Hansson,T.

Pressure increase in adjacent discs during clinical discography questions the methods validity

Spine 39 (2014)893 - 9

+Hebert,J.J.

Kjaer,P., Fritz,J.M., Walker,B.F.

The relationship of lumbar multifidus muscle morphology to previous, current, and future low back pain. A 9-year population-based prospective cohort study

Spine 39 (2014)1417 - 25

- +Hebert,J.J. Koppenhaver,S.L., Teyhen,D.S., Walker,B.F., fritz,J.M.  
The evaluation of lumbar multifidus muscle function via palpation: reliability and validity of a clinical test  
Spine J 15 (2015)1196 - 1202
- (+)Hebert,J.J. Le Cara,E.C., Koppenhaver,S.L., Hoffmann,M.D., Marcus,R.L., Dempsey,A.R.  
Predictors of clinical success with stabilisation exercise are associated with lower levels of lumbar multifidus intramuscular adipose tissue in patients with low back pain  
J Disab Rehabil (2018) publ. online 3.12.2018;  
[doi.org/10.1080/09638288.2018.1506510](https://doi.org/10.1080/09638288.2018.1506510)
- +Hebert,J.J. Stomski,N., French,S., Rubinstein,S.M.  
Serious adverse events and spinal manipulative therapy of the low back region: a systematic review of cases  
J Manipulative Physiol Ther (2013) doi:  
[10.1016/j.jmpt.2013.05.009](https://doi.org/10.1016/j.jmpt.2013.05.009)
- Hedeager Momsen,A.M. siehe Momsen,A.H.M:
- +Hedge, A. Morimoto,S., McCrobie,D.  
Effects of keyboard tray geometry on upper body posture and comfort  
Ergonomics 42 (1999)1333 – 49
- +Hee,H.T. Chuah,Y.J., Tan,B.H.M., Setiobudi,T., Wong,H.K.  
Vascularisation and morphological changes of the endplate after axial compression and distraction of the intervertebral disc  
Spine 36 (2011)503 - 11
- +Hee,S.W. Mistry,D., Friede,T., Lamb,S.E., Stallard,N., Underwood,M., Patel,S.,  
Identification of subgroup effect with an individual participant data meta-analysis of randomized controlled trials of three different types of therapist-delivered care in low back pain  
BMC Musculoskel Disord 22 (2021)191  
[doi.org/10.1186/s12891-021-04028-8](https://doi.org/10.1186/s12891-021-04028-8)
- +Hedlund,R. Johansson,C., Hägg,O., Fritzell,P., Tullberg,T.

The long-term outcome of lumbar fusion in the Swedish lumbar spine study

Spine J 16 (2016)579 - 87

+Heffner,K.L.

France,C.R., Trost,Z., Ng,H.M., Pigeon,W.R.

Chronic low back pain, sleep disturbance, and interleukin-6

Clin J Pain 27 (2011)35 - 41

+Hegewald,A.A.

Neumann,K., Kalwitz,G., Freymann,U., Endres,M., Schmieder,K., Kaps.C., Thome,C.

The chemokines CXCL10 and XCL1 recruit human annulus fibrosus cells

Spine 37 (2012)101 - 7

Hegewald,G.

Ganganalytische Bestimmung und Bewertung der Druckverteilung unterm Fuß und von Gelenkwinkelverläufen – eine Methode für die Diagnose und Therapie im medizinischen Alltag und für die Qualitätssicherung in der rehilitationstechnischen Versorgung

Dissertation, Humboldt – Universität zu Berlin, 2000 (zit Amelung & Seidel, 2005).

Hegmann,K.T.

Travis,P., Belcourt,R.M., Donelson,R., Eskay-Auerbach,M., Galper,J., Haldeman,S., Hooper,P. und weitere 7 Autoren

Diagnostic tests for low back disorders

J Occup Environ Med 61 (2019) e155 – e168 (Internetzugriff 28.11.2019)

+Heim,C.

Ehlert,U., Hanker,J.P., Hellhammer,D.H.,

Abuse-related posttraumatic stress disorder and alterations of the hypothalamic-pituitary-adrenal axis in women with chronic pelvic pain

Psychosom Med 60 (1998)309 – 18

+Heim,C.

Ehlert,U., Hellhammer,D.H.

The potential role of hypocortisolism in the pathophysiology of stress-related bodily disorders

Psychoneuroendocrinology 25 (2000)1 – 35

+Heine,H.

Wirkt Neuraltherapie nach Hunecke über das periphere Endocannabinoidsystem?

Ärztez Naturheilverf 44 (2003)212 – 20

- +Heine,H. Neuraltherapie nach Hunecke. Zur Molekularbiologie von Procain  
Ärztez Naturheilverf 47 (2006)601 – 5
- +Heine,H. Lehrbuch der biologischen Medizin,  
Stuttgart, Hippocrates, 1. Aufl. 1997, 3. Aufl. 2006a
- +Heine,H. Stress und Grundregulation. Wirkungsweise von Akupunktur und Neuraltherapie  
Dt Z Akupunkt 49 (2006a)3: 26 - 31
- +Heinke,B. Sandkühler,J.  
Signal transduction pathways of group 1 metabotropic glutamate receptor-induced long-term depression at sensory spinal synapses  
Pain 118 (2005)145 - 54
- Heinl,H. Heinl,P.  
Körperschmerz – Seelenschmerz  
Kösel, München, 2005 (zit. Thümmel, 2007)
- +Heinrich,D. Heilkunst oder Leitlinienmedizin: Verantwortung  
braucht die Freiheit  
Dt Ärztebl 104 (2007)A3312 – 3
- +Heinrich,M. Hafenbrack,K., Michel,C., Monstadt,D., Marnitz,U., Klinger,R.  
Vorhersage verschiedener Erfolgsmaße in der Behandlung chronischer Rückenschmerzen: Schmerzintensität, Beeinträchtigung und Funktionskapazität. Determinanten des Behandlungserfolges in einem tagesklinischen multimodalen Setting  
Schmerz 25 (2011)282 - 9
- +Heinrich,M. Monstadt,D., Michel,C.  
Psychologische Interventionen in der Behandlung chronischer Rückenschmerzen  
Orthopäde 38 (2009)937 - 42
- +Heinrich,R.L. Cohen,M.J., Naliboff,B.D., Collins,G.A., Bonebakker,A.D.

Comparing physical and behavior therapy for chronic low back pain on physical abilities, psychological distress, and patients perceptions

J Behav Med 8 (1985)61 – 78

+Heinricher,M.M.

Haws,C.M., Fields,H.L.,

Evidence for GABA-mediated control of putative nociceptive modulating neurons in the rostral ventromedial medulla: iontophoresis of bicuculline eliminates the off-cell pause

Somatosens Mot Res 8 (1991)215 – 25

+Heinricher,M.M.

McGaraugthy,S.

Analysis of excitatory amino acid transmission within the rostral ventromedial medulla: implications for circuitry

Pain 75 (1998)247 – 55

Heinricher,M.M.

McGaraugthy,S.

Pain-modulating neurons and behavioural state

In: Lydic,R., Baghdoyan,H.A. (eds.): Handbook of Behavioural State Control, New York, CRC Press; 1999, p. 487 – 503 (zit. Neugebauer, 2007)

+Heinricher,M.M.

Tortorici,V.

Interference with GABA transmission in the rostral ventromedial medulla: disinhibition of off-cells as an central mechanismof nociceptive modulation

Neuroscience 63 (1994)533 – 46

Heinricher,M.M. et al.

Descending modulation after injury

In: Dostrovsky,J.O. Carr,D.B., Koltzenburg,M. (eds.): Progress in pain research and management, vol 24, Seattle, IASP Press, 2003, p. 251 – 60 (zit. Xu et al., 2007)

+Heinze,G.

Effectiveness of holistic osteopathic treatment in subacute low back pain. A randomized controlled trial. Unpublished DO thesis

[http://www.osteopathic-research.com/index.php?option=com\\_iresearch&view=publication&task=show&id=13797&lang=en](http://www.osteopathic-research.com/index.php?option=com_iresearch&view=publication&task=show&id=13797&lang=en) 2006 Oct.01

Heisel,J.

Neurologische Differentialdiagnostik

Thiene, Stuttgart, 2007, S.30

- Heiskanen,T. Kalso,E.  
Controlled-release oxycodone and morphine in cancer related pain  
*Pain* 73 (1997)37 – 45
- +Heiskanen,T. Olkkola,K.T., Kalso,E.  
Effects of blocking CYP2D6 on the pharmacokinetics and pharmacodynamics of oxycodone  
*Clin Pharmacol Ther* 64 (1998)603 - 11
- +Heistaro,S. Vartiainen,E., Heliövaara,M., Puska,P.  
Trends of back pain in eastern Finland, 1972 – 1992,in relation to socioeconomic status and behavioral risc factors  
*Am J Epidemiol* 148 (1998)671 – 82
- Heit,H.A. Gourlay,D.L.  
Buprenorphine: new tricks with an old molecule for pain management  
*Clin J Pain* 24 (2008)93 - 7
- +Heitkamp,H.C. Horstmann,T.  
Wirbelsäulenbeschwerden und –verletzungen sowie sportmedizinische Untersuchungen bei Nachwuchsleistungsturnerinnen  
*Sportverl Sportschad* 19 (2005)77 - 81
- +Held,S. Rolke,R., Treede,R.D., Schmieder,K., Harders,A., Hasenbring,M.  
Psychologische Prädiktoren der nozizeptiven Sensitivität für Druck und Nadelreize bei Patienten nach lumbaler Bandscheibenoperation  
*Schmerz* 20 (2006) Suppl.1, S114
- Heliövaara,M. Impivaara,O., Sievers,K. et al.  
Lumbar disc syndrome in Finland  
*J Epidemiol Community Health* 41 (1987)251 – 8 (zit. Konstantinou & Dunn, 2008)
- +Heliövaara,M. Impivaara,O., Sievers,K., Melkas,T., Knekt,P., Korpi,J., Aromaa,A.

- Lumbar disc syndrome in Finland  
Ann Med 41 (1987)251 – 8
- +Heliövaara,M.  
Mäkelä,M., Knekt,P., Impivaara,O., Aromaa,A.  
Determinants of sciatica and low back pain  
Spine 16 (1991)608 – 14
- +Heller,R.  
Bewegungsmerkmale von Nieren mit viszeraler Dysfunktion –  
Sonographische Pilotstudie vor und nach osteopathischer  
manueller Therapie  
Manuelle Med 51 (2013)317 - 24
- +Helliwell,M.  
Leg length inequality and low back pain  
Practitioner 229 (1985)483 – 5
- Helliwell,P.S. –n-  
Cunliffe,G.  
Manipulation in low back pain  
Physician 4 (1987)187 – 8
- +Helliwell,P.S.  
Taylor,W.J.  
Repetitive strain injury  
Postgrad Med J 80 (2004)438 – 44
- Hellsing,A.L.  
Leg length inequality. A Prospective study of young men  
during their military service  
Ups J Med Sci 93 (1988)245 – 53 (zit. Defrin et al., 2005)
- +Hellström,B.  
Anderberg,U.M.  
Pain perception across the menstrual cycle phases in women  
with chronic pain  
Percept Motor Skills 96 (2003)201 - 11
- +Hellström,M.  
Jacobson,B., Swärd,L., Peterson,L.  
Radiologic abnormalities of the thoraco-lumbar spine in  
athletes  
Acta Radiol 31 (1990)127 – 32
- +Hellum,C.  
Berg,L., Gjertsen,O., Johnsen,L.G., Neckelmann,G.,  
Storheim,K., Keller,A., Grundnes,O., Espeland,A.

Adjecent level degeneration and facet arthropathy after disc prothesis surgery or rehabilitation in patients with chronic low back pain and degenerative disc

Spine 37 (2012)2063 - 73

+Hellum,C.

Johnsen,L.G., Storheim,K., Nygaard,O.P., Brox,J.I., Rossvoli,I., Ro,M., Sandvik,L., Grundnes,O.,

Surgery with disc prothesis versus rehabilitation in patients with low back pain and degenerative disc: two year follow-up of randomized study

BMJ 342 (2011)d2786

+Hellweg,R.

Ziegenhorn,A., Heuser,I., Deuschle,M.

Serum concentration of nerve growth factor and brain-derived neurotrophic factor in depressed patients before and after antidepressant treatment

Pharmacopsychiatry 41 (2008)66 - 71

+Helme,R.D.

Finnerup,N.B., Jensen,T.S.

Hyperpathia: „to be or not to be, that is the question“

Pain 159 (2018)1005 - 9

+Helmes,E.

Goburdhun,A.

Cognitions related to chronic pain: Revision and extension of the cognitive evaluation questionnaire

Clin J Pain 23 (2007)53 – 61

+Helmhout,P.

Harts,C., Staal,J., Candel,M., de Brie,R.

Comparison of a high-intensity and a low-intensity lumbar extensor training program as minimal intervention treatment in low back pain: a randomized trial

Eur Spine J 13 (2004)537 – 47

+Helmhout,P.H.

Staal,J.B., Heymans,M.W., Harts,C.C., Hendriks,E.J.M., de Bie,R.A.

Prognostic factors for perceived recovery or functional improvement in non-specific low back pain: secondary analyses of here randomized clinical trials

Eur Spine J 19 (2010)650 - 9

+Helmhout,P.H.

Staal,J.B., Maher,C.G., Petersen,T., Rainville,J., Shaw,W.S.

Exercise therapy and low back pain: Insights and proposals to improve the design, conduct, and reporting of clinical trials

Spine 33 (2008)1782 – 8

Hemington,K.S.

Wu,Q., Kucyl,A., Inman,R.D., Davis,K.D.,

Abnormal cross-network functional connectivity in chronic pain and its association with clinical symptoms

Brain Struct Funct 221 (2016)4203 – 19 (zit. Tu et al., 2019)

+Hemingway,H.

Shipley,M., Stansfeld,S., Shannon,H., Frank,J., Brunner,E., Marmot,M.

Are risk factors for for atherothrombotic disease associated with back pain sickness absence? The Whitehall II study

J Epidemiol Community Health 53 (1999)197 – 203

+Hemmilä,H.M.

Keinanen-Kiukaanniemi,S.M., Levoska,S., Puska,P.

Does folk medicine work? A randomized clinical trial on patients with prolonged back pain

Arch Phys Med Rehab 78 (1997)571 – 7

+Hemmilä,H.M.

Keinanen-Kiukaanniemi,S.M., Levoska,S., Puska,P.

Long-term effectiveness of bone-setting, light exercise therapy, and physiotherapy for prolonged back pain: a randomized clinical trial

J Manipulative Physiol Ther 25 (2002)99 – 104

+Hemming,R.

du Rose,A., Sheeran,L., van Deursen,R., Sparkes,V.

Relationship between trunk muscle activation and thoracolumbar kinematics in direction-related non-specific chronic low back pain subgroups during a sagittal bending task

In: Vleeming et al. (eds.): 10<sup>th</sup> Interdisciplinary World Congress on Low Back Pain and Pelvic Girdle Pain, Antwerp, Belgium, 28.- 31.10.2019, S.22 - 4

+Hemming,R.

Sheeran,L., van Deursen,R., Sparns,N.

Non-specific chronic low back pain: differences in spinal kinematics in subgroups during functional tasks

Eur Spine J 26 (2017) doi: 10.1007/s00586-017-5217-1

Hemmings,B.

Sports massage and psychological regeneration

Br J Ther Rehab 7 (2000)184 – 8 (zit.Weerapong et al., 2005)

- +Henchoz,Y. So,K.L.  
Exercise and nonspecific low back pain: a literature review  
Joint Bone Spine 75 (2008)533 – 9
- +Henchos,Y Tetreau,C., Abbout,J., Pivhe,M., Descarreaux,M.  
Effects of noxious stimulation and pain expectations on neuromuscular control of the spine in patients with chronic low back pain  
Spine J 13 (2013)1263 - 72
- +Henderson,L.A. Gandevia,S.C., Macefield,S.C.  
Somatotopic organisation of the processing of muscle and cutaneous pain in the left and right insular cortex. A single-trial study  
Pain 128 (2007)20 - 30
- +Henderson,M. Glazier,N., Elliott,K.H.  
Long term sickness absence  
Br Med J 330 (2005)802 -3
- +Hendrick,P. Milosavljevic,S., Hale,I., Hurley,D.A., McDonough,S., Ryan,B., Baxter,G.D.  
The relationship between physical activity and low back pain outcomes: a systematic review of observational studies  
Eur Spine J 20 (2011)464 - 74
- +Hendrick,P. Milosavljevic,S., Hale,L., McDonough,S.M., Herbison,P., Baxter,G.D.,  
Does a patient's physical activity predict recovery from a episode of acute low back pain? A prospective cohort study  
BMC Musculoskeletal Disord 14 (2013)126
- +Hendryx,J.T. The bioenergetic model in osteopathic diagnosis and treatment: An FAAO thesis, part 2  
AAO J 24 (2014)2: 10 - 18
- +Heneweer,H. Aufdemkampe,G., van Tulder,M., Kiers,H., Stappaerts,K.H., Vanhees,L.  
Psychosocial variables in patients with (sub)acute low back pain

- +Heneweer,H. Spine 32 (2007)586 – 92  
Picavet,H.S.J.,Staes,F., Kiers,H., Vanhees,L.  
Physical fitness,rather then self-reported physical activities, is more strongly associated with low back pain: evidence from a working population
- +Heneweer,H. Eur Spine J 21 (2012)1265 - 72  
Vanhees,L., Picavet,H.S.J.  
Physical activity and low back pain: A U-shaped relation?
- +Heneweer,H. Pain 143 (2009)21 - 5  
van Woudenberg,N.J., van Genderen,F., Vanhees,L., Wittink,H.  
Measuring psychosocial variables in patients with (sub)acute low back pain complaints at risk for chronicity. A validation study od the acute low back pain screening questionnaire – Dutch language version
- +Hengwei,F. Spine 35 (2010)447 - 52  
Zifang,H., Qifei,W., Weiqing,T., Nali,D., Ping,Y., Junlin,Y.  
Prevalence of idiopathic scoliosis in Chinese schoolchildren. A large population-based study
- +Henneman,E. Spine 41 (2016)259 - 64  
Olson,C.B.  
Relations between structure and function in the design of skeletal muscles
- +Hennigan,A. J Neurophysiol 28 (1965)581 – 98  
O'Callghan,R.M., Kelly,A.M.  
Neurotrophins and their receptors: roles in plasticity, neurodegeneration and neuroprotection
- +Henningsen,P. Biochem Soc Trans 35 (2007)424 – 7  
Die Psychosomatik des chronischen Rückenschmerzes. Klassifikation, Ätiologie und Therapie
- +Henningsen,P. Orthopäde 33 (2004)558 – 67  
Management somatoformer/funktioneller Störungen in der Neurologie: eine neuro-psychosomatische Perspektive

Nervenheilkunde 25 (2006)1026 - 8

+Henriksson,H.B.

Svala,E., Skioldebrand,E., Lindahl,A., Brisby,H.

Support of concept that migrating progenitor cells from stem cell niches contribute to normal regeneration of the adult mammal intervertebral disc.

Spine 37 (2012)722 - 32

+Henriksson,H.B.

Svanvik,T., Jonsson,M., Hagman,M., Horn,M., Lindahl,A., Brisby,H.

Transplantation of human mesenchymal stem cells into intervertebral discs in a xenogenic porcine model

Spine 34 (2009)141 - 8

+Henriksson,H.B.

Thornemo,M., Karlsson,C., Hägg,O., Junevik,K., Lindahl,A., Brisby,H.

Identification of cell proliferation zones, progenitor cells and a potential stem cell niche in the intervertebral disc region. A study in four species

Spine 34 (2009a)2278 - 87

+Henry,S.G.

Bell,R.A., Fenton,J.J., Kravitz,R.L.

Goals of chronic pain management. Do patients and primary care physicians agree and does it matter

Clin J Pain 33 (2017)955 - 61

+Henry,S.M.

Fung,J., Horak,F.B.

EMG responses to maintain stance during multidirectional surface translations

J Neurophysiol 80 (1998)1939 – 50

+Henry,S.M.

van Dillen,L.R., Oelette-Morton,R.H., Hitt,J.R., Lomond,K.V., de Sarno,M.J., Bunn,J.Y.

Outcomes are not different for patient-matched versus nonmatched treatment in subjects with chronic recurrent low back pain: a randomized clinical trial

Spine J 14 (2014)2799 - 2810

+Henschke,N.

Maher,C.G., Refshauge,K.M., Herbert,R.D., Cumming,R.G., Bleasel,J., York,J., Das,A., McAuley,J.H.

Characteristics of patients with acute low back pain presenting to primary care in Australia

- Clin J Pain 25 (2009)5 – 11
- +Henschke,N. Maher,C.G., Refshauge,K.M., Herbert,R.D., Cumming,R.G., Bleasel,J., York,J., Das,A., McAuley,J.H.
- Prevalence of and screening for serious spinal pathology in patients presenting to primary care settings with acute low back pain
- Arthritis Rheum 61 (2009a)124 – 31
- +Henschke,N Maher,C.G., Refshauge,K.M., Herbert,R.D., Cumming,R.C., Bleasel,J., York,J., Das,A., McAuley,J.H.
- Prognosis in patients with recent onset low back pain in Australian primary care: inception cohort study
- BMJ 337 (2008)1 – 7 (zit. Slade et al., 2016)
- +Henschke,N. Wouda,L., Maher,C.G., Hush,J.M., van Tulder,M.W.
- Determinants of patient satisfaction 1 year after presenting to primary care with acute low back pain
- Clin J Pain 29 (2013)512 - 7
- +Hensel,H. Boman,K.K.A.
- Afferent impulses in cutaneous sensory nerves in human subjects
- J Neurophysiol 23 (1960)564 – 78
- Hensel,K.L. Buchanan,S., Brown,S.K., Rodriguez,M., Cruser,D.A.
- Pregnancy research on osteopathic manipulation optimizing treatment effects: the PROMOTE study
- Am J Obstet Gynecol 212 (2014)108 e1 – e8 (zit. Snow, 2016)
- +Hensinger,R.M. Current concepts review spondylolysis and spondylolisthesis in children and adolescents
- J Bone Joint Surg Am 71 (1986)1098 - 1107
- +Hensinger,R.N. Congenital scoliosis: Etiology and associations
- Spine 34 (2009)1745 - 50
- +Hentschel,H.D. Bei welchen Erkrankungen sind Massagen medizinisch angezeigt?
- Physikal Ther 16 (1995)424 – 6

- Heppelmann,B.  
Pawlak,M.  
Sensitisation of articular afferents in normal and inflamed knee joints by substance P in the rat  
Neurosci Lett 223 (1997)105 – 8 (zit. Saxler et al., 2007)
- Herbiniaux,G.  
Traite sur divers accouchemements laborieux et sur les polypes de la matrice  
Bruxelles ; 1782, (zit. Transfeldt & Mehbod, 2007)
- +Herdegen,T.  
Rüdiger,S., Mayer,B., Bravo,R., Zimmermann,M.  
Expression of nitric oxide synthase and colocalisation with jun, fos and krox transcription factors in spinal cord neurons following noxious stimulation of the rat hindpaw  
Mol Brain Res 22 (1994)245 - 58
- Herken,H.  
Erdal,E., Mutlu,N., Barlas,O., Cataloluk,O., Oz,F.  
Possible association of temporomandibular joint pain and dysfunction with a polymorphism in the serotonin transporter gene  
Am J Orthod Dentofacial Orthop 120 (2001)308 – 13
- +Herkowitz,H.N.  
Degenerative lumbar spondylolisthesis: a surgeon's perspective of 30 years in practice (commentary)  
Spine J 10 (2010)916 - 7
- Herkowitz,H.  
Kurz,I.  
Degenerative lumbar spondylolisthesis with spinal stenosis  
J Bone Joint Surg Am 73 (1991)802 – 8 (zit. Jacobsen et al., 2007)
- Herman,J.  
Cullinan,W.  
Neurocircuitry of stress: central control of the hypothalamo-pituitary-adrenocortical axis  
Trends Neurosci 20 (1997)78 – 84 (zit. Vierck,C.J., 2006)
- +Herman,P.M.  
Anderson,M.L., Sherman,K.J., Balderson,B.H., Turner,J.A., Cherkin,D.C.  
Cost-effectiveness of mindfulness-based stress reduction versus cognitive behavioral therapy or usual care among adults with chronic low back pain  
Spine 42 (2017)1511 - 20

- +Herman,P.M. Broten,N., Lavelle,T.A., Sorbrero,M.E., Coulter,I.D.  
Health care costs and opioid use associated with high-impact chronic spinal pain in the United States  
Spine 44 (2019)1154 - 61
- +Herman,P.M. Kommareddi,M., Sorbera,M.E., Rutter,C.M., Hays,R.D., Hilton,L.G., Ryan,G.W., Coulter,I.D.  
Characteristics of chiropractic patients being treated for chronic low back and neck pain  
J Manipulat Physiol Ther 41 (2018)445 - 55
- +Herman,P.M. Whittle,M.D., Ryan,G.W., Hurwitz,E.L., Coulter,I.D.  
The impact of patient preferences and costs on the appropriateness of spinal manipulation and mobilisation for chronic low back pain and chronic neck pain  
BMC Musculoskel Disord 20 (2019)519  
doi.org/10.1186/s12891-019-2904-6
- +Hernandez,A. Gross,K., Gombatto,S.  
Differences in lumbar spine and lower extremity kinematics during a step down functional task in people with and without low back pain  
Clin Biomech 47 (2017)48 – 52 (Abstrakt)
- +Hernandez-Diaz,S. Varaz-Lorenzo,C., Gracia Rodriguez,L.A.  
Non-steroidal antiinflammatory drugs and the risk of acute myocardial infarction  
Basic Clin Pharmacol Toxicol 98 (2006)266 – 74
- +Hernandez-Reif,M. Field,T., Krasnegor,J., Theakston,H.  
Lower back pain is reduced and range of motion increased after massage therapy  
Int J Neurosci 106 (2001)131 – 45
- Herrmann,C. Buss,U., Snaith,R.P.  
HADS-D: Hospital Anxiety and Depression Scale – deutsche Version  
Huber, Bern 1995
- +Herrmann,S. Rajab,H., Christ,I., Schirdehahn,C., Höfler,D., Fischer,M.J.M., Bruno,A., Fenske,S., Gruner,C. und weitere 6 Autoren

- Protein kinase A regulates inflammatory pain sensitization by modulating H2N2 channel activity in nociceptive sensory neurons  
Pain 158 (2017)2012 - 24
- +Herrmann,W.  
Polyneuropathie.Eine pathophysiologisch-anatomische und klinische Übersicht  
Nervenheilkd 35 (2016)50 - 8
- +Herrmann,W.  
Hirsmwnzel,R., Aigner,M., Lobisch,M., Riethmüller-Winzen,H. , Michel,I.  
Die Langzeitwirkung von Flupirtin  
Fortschr Med 111 (1993)266 – 70
- +Herrero,J.F.  
Laird,J.M., Lopez-Garcia,J.A.  
Wind-up of spinal cord neurones and pain sensation: much ado about something?  
Prog Neurobiol 61 (2000)169 – 203
- Herren Gerber,R.K.  
siehe Gerber,H.R.K.
- Herroeder,S.  
Hollmann,M.  
In: Weinschenk,S. (Hrsg.): Handbuch Neuraltherapie, Elseveir, 2010: 81 – 110 (so zit. Saha & Wander, 2014)
- +Herzberg,U.  
Eliav,E., Dorsey,J.M., Gracely,R.H., Kopin,L.J.  
NGF involvement in pain induced by chronic constriction injury of the rat sciatic nerve  
Neuroreport 8 (1997)1613 – 8
- +Herzog,A.G.  
Neuroactive properties of reproductive steroids  
Headache 47 (2007)Suppl2: 68 – 78
- +Herzog,R.  
Elgort,D.R., Flanders,A.E., Moley,P.J.  
Variability in diagnostik error rates of 10 MRI centers performing lumbar spine MRI examinations on the same patient within a 3-week period  
Spine J 17 (2017)554 - 61
- Herzog,W.  
Mechanical, physiologic, and neuromuscular considerations of chiropractic treatments

- In: Lawrence,D.J., Cassidy,J.D et al. (eds.) Advances in Chiropractic, Vol. 3, New York: Mosby – Year Book, 1996, 69 – 285 (zit. Herzog et al., 1999)
- +Herzog,W.  
Conway,P.J.W., Wilkox,B.J.  
Effects of different treatment modalities on gait symmetry and clinical measures for sacroiliac joint patients  
J Manipulative Physiol Ther 14 (1991)104 – 9
- +Herzog,W.  
Scheele,D., Conway,P.J.  
Electromyographic responses of back and limb muscles associated with spinal manipulative therapy  
Spine 24 (1998)146 - 53
- +Hestbaek,L.  
Leboeuf-Yde,C., Engberg,M., Lauritzen,T., Bruun,N.H., Manniche,C.  
The course of low back pain in a general population: results from a 5-year prospective study  
J Manipul Physiol Therap 26 (2003)213 – 9
- +Hestbaek,L.  
Leboeuf-Yde,C.  
Are chiropractic tests for the lumbo-pelvic spine reliable and valid? A systematic critical literature review  
J Manipulative Physiol Ther 23 (2000)258 – 75
- +Hestbaek,L.  
Leboeuf-Yde,C., Manniche,C.  
Low back pain: what is the long time course? A review of studies of general patient populations  
Eur Spine J 12 (2003 b)149 – 65
- +Hestbaek,L.  
Leboeuf-Yde,C., Kyvik,K.O., Manniche,C.  
The course of low back pain from adolescence to adulthood: eight year follow-up of 9600 twins  
Spine 31 (2006)468 – 72
- +Hestbaek,L.  
Leboeuf-Yde,C., Kyvik,K.O., Vach,W., Russell,M.B., Skadhauge,L., Svendsen,A., Manniche,C.  
Comorbidity with low back pain. A cross-sectional population-based survey of 12- to 22-years old  
Spine 29 (2004)1483 – 91

- +Hestbaek,L. Saxtorph,A.C., Krogsgaard-Jensen,C.E., Kongsted,A.  
Are frequent measures in back pain research harmful? Two comparisons of back pain in groups with or without frequent follow-up  
*Chiropr Man Ther* 26 (2018)51 doi.org/10.1186/s12998-018-0220-0
- +Hettinger,T. Statistics on diseases in the Federal Republic of Germany with particular reference to diseases of the skeletal system  
*Ergonomics* 28 (1985)17 - 20
- +Heuch,I. Hagen,K., Heuch,I., Nygaard,O., Zwart,J.A.  
The impact of body mass index on the prevalence of low back pain: the HUNT study  
*Spine* 35 (2010)764 - 8
- +Heuch,I. Heuch,I., Hagen,K., Zwart,J.A.  
Body mass index as a risk factor for developing chronic low back pain  
*Spine* 28 (2013)133 - 9
- +Heufelder,D. Zur Beinlängendifferenz  
*Z Allg Med* 59 (1983)440 – 54
- +Heumann,R. Lindholm,D., Bandtlow,C., Meyer,M., Radeke,M.J., Misko,T.P., Shooter,E., Thoenen,H.  
Differential regulation of mRNA encoding nerve growth factor and its receptor in rat sciatic nerve during development, degeneration, and regeneration: role of macrophages  
*Proc Natl Acad Sci* 84 (1987)8735 – 9
- +Heuts,P.H.T.G. Vlaeyen,J.W.S., Roelofs,J., de Bie,R.A., Aretz,K., van Weel,C., van Schayck,O.C.P.  
Pain-related fear and daily functioning in patients with osteoarthritis  
*Pain* 110 (2004)228 - 35
- +Hey,H.W.D. Tan,K.A., Chin,B.Z., Liu,G., Wong,H.K.  
Comparison of whole body sagittal alignment during directed vs natural, relaxed standing postures in young, healthy adults

Spine J 19 (2019)1832 - 9

+Hey,H.W.

Teo,A.Q.A., Tan,K.A., Ng,L.W.N., Lau,L.L., Liu,K.P.G., Wong,H.K.

How the spine differs in standing and sitting – important considerations for correction of spinal deformity

Spine J 17 (2017)799 - 806

+Heymans,M.W.

van Buuren,S., Knol,D.L., Anema,J.R., van Mechelen,W., de Vet,H.C.W.

The prognosis of chronic low back is determined by changes in pain and disability in the initial period

Spine J 10 (2010)847 - 56

Heymans,M.W.

van Tulder,M.W., Esmail,R. et al.

Back schools for non-specific low back pain

Cochrane Database Syst Rev 1999: CD000261.DOI: 10.1002/14651858.CD000261.pub2 (zit. Wittink et al., 2008)

+Heymans,M.W.

van Tulder,M.W., Esmail,R., Bombardier,C., Koes,B.W.

Back schools for non-specific low back pain: a systematic review within the framework of the Cochrane Collaboration Back Review Group

Cochrane Database Systematic Rev 2004:4: CD000261

Spine 30 (2005)2153 - 63

+Heymen,S.

Maixner,W., Whitehead,W.F., Klatzkin,R.R., Mechlin,B., Light,K.C.

Central processing of noxious somatic stimuli in patients with irritable bowel syndrome compared with healthy controls

Clin J Pain 26 (2010)104 - 9

+Hickey,D.S.

Hukins,D.W.L.

1979 Volvo Award for bioengineering: relation between the structure of the annulus fibrosus and the function and failure of the intervertebral disc

Spine 5 (1980)106 – 16 (zit. Vernon-Roberts et al., 2007)

+Hickey,G.

Fricker,P., McDonald,W.

Injuries to elite rowers over a 10 year period

Med Sci Sports Exerc 29 (1997)1567 – 72

+Hickey,R.F.

Chronic low back pain: a comparison of diflunisal with Paracetamol

N Z Med J (1982)312 – 4

+Hicks,G.E.

Benvenuti,F., Fiasci,V., Lombardi,B., Segenni,L., Stuart,M., Pretzer-Aboff,I., Gianfranco,G., Macchi,C.

Adherence to a community-based exercise program is a strong predictor of improved back pain status in older adults. An observational study

Clin J Pain 28 (2012)195 - 203

+Hicks,G.E.

Fritz,J., Delitto,A., McGill,S.M.

Preliminary development of a clinical prediction rule for determining which patients with low back pain will respond to a stabilisation exercise program

Arch Phys Med Rehabil 86 (2005)1753 – 62

+Hicks,G.E.

Fritz,J., Delitto,A., Mishock,J.

Interrater reliability of clinical examination measures for identification of lumbar segmental instability

Arch Phys Med Rehabil 84 (2003)1858 – 64

+Hicks,G.E.

Morone,N., Weiner,D.K.

Degenerative lumbar disc and facet disease in older adults. Prevalence and clinical correlates

Spine 34 (2009)1301 - 6

+Hicks,G.E.

Sions,J.M., Velasco,T.O., Manal,T.J.

Trunk muscle training augmented with neuromuscular electrical stimulation appears to improve function in older adults with chronic low back pain

Clin J Pain 32 (2016)898 - 906

(+)Hicks,G.E.

Sions,J.M., Velasco,T.O.

Hip symptoms, physical performance and health status in older adults with chronic low back pain: A preliminary investigation

Arch Phys Med Rehabil 99 (2018)1273 - 8

+Hickstein,L.

Kiel,S., Raus,C., Heß,S., Walker,J., Chenot,J.F.

- Akupunktur als Leistung der gesetzlichen  
Krankenversicherung in Deutschland. Eine retrospektive  
Beobachtungsstudie basierend auf Abrechnungsdaten
- Schmerz 32 (2018)30 - 8
- +Hidalgo,B.  
Detrembleur,C., Hall,T., Mahaudens,P., Nielens,H.
- The efficacy of manual therapy and exercise for different  
stages of non-specific low back pain: an update of systemic  
reviews
- J Man Manip Ther 22 (2014)59 – 74
- +Hidalgo,B.  
Pitance,L., Hall,T., Detrembleur,C., Nielens,H.
- Short term effects of Mulligan mobilization with movement  
on pain, disability, and kinematic spinal movements in  
patients with nonspecific low back pain: a randomized  
placebo-controlled trial
- J Manipulat Physiol Ther 38 (2015)365 – 74
- +Hide,I.  
Tanaka,M., Inoue,A., Nakajama,K., Kohsaka,S., Inoue,K.,  
Nakata,Y.
- Extracellular ATP triggers tumor necrosis factor-alpha release  
from rat microglia
- J Neurochem 75 (2000)965 – 72
- +Hides,J.A.  
Belavy,D.L., Stanton,W., Wilson,S.J., Rittweger,J.,  
Felsenberg,D., Richardson,C.A.
- Magnetic resonance imaging assessment of trunc muscles  
during prolonged bed rest
- Spine 32 (2007)1687 - 92
- +Hides,J.A.  
Cooper,D.H., Stokes,M.J.
- Diagnostic ultrasound imaging for measurement of the  
lumbar multifidus muscle in normal young adults
- Physiother Theory Prax 8 (1992)19 – 26
- +Hides,J.  
Gilmore,C., Stanton,W., Bohlscheid,E.
- Multifidus size and symmetry among chronic LBP and healthy  
asymptomatic subjects
- Man Ther 13 (2008) 43 – 9

+

- +Hides,J.A. Jull,G.A., Richardson,C.A.  
 Long-term effects of specific stabilizing exercises for first-episode low back pain  
*Spine* 26 (2001)E234 – 8
- +Hides,J.A. Richardson,C.A., Jull,G.A.  
 . Multifidus muscle recovery is not automatic after resolution of acute, first episode low back pain  
*Spine* 21 (1996)2763 – 9
- +Hides,J. Stanton,W., Mendis,M.D., Sexton,M.D.  
 The relationship of transversus abdominis and lumbar multifidus clinical muscle tests in patients with chronic low back pain  
*Man Ther* 16 (2011)573 - 7
- +Hides,J.A. Stokes,M.J., Saide,M. Jull,G.A., Cooper,D.H.  
 Evidence of lumbar multifidus muscle wasting ipsilateral to symptoms in patients with acute/subacute low back pain  
*Spine* 19 (1994)165 – 72
- +Hides,J. Wilson,S., Stanton,W., McMahon,S., keto,H., McMahon,K., Bryant,M., Richardson,C.  
 An MRI investigation into the function of the transversus abdominis muscle during “drawing-up” of the abdominal wall  
*Spine* 31 (2006)E175 – 8
- +Hietala,J. Nyman,M.J., Eskola,O., Laasko,A., Gronroos,T., Oikonen,V. und weitere 12 Autoren  
 Visualization and quantification of neurokinin-1 (NK-1) receptors in the human brain  
*Mol Imaging Biol* 7 (2005)262 – 72
- +Higashino,K. Hmasaki,T., Kim J.H., Okada,M., Yoon,S.T., Boden,S.D., Hutton,W.C.  
 Do the adjacent level intervertebral disc degenerate after a lumbar spinal fusion? An experimental study using a rabbit model  
*Spine* 35 (2010)E1144 - 52

- +Higashino,K. Sairyo,K., Sakamaki,T., Komatsubura,S., Yukata,K., Hibino,N., Kosaka,H., Sakai,T., Katoh,S., Sano,T., Yasui, N.
- Vertebral rounding deformity in pediatric spondylolisthesis occur due to deficient of endochondral ossification of the growth plate: radiological, histological and immunohistochemical analysis of a rat spondylolisthesis model
- Spine 32 (2007)2839 – 45
- +Higuera,E.S. Luo,Z.D.
- A rat pain model of vincristine-induced neuropathy
- Methods Mol Med 99 (2004)91 – 8
- +Higuchi,Y. Nashold,B.S., Sluijter,M., Cosman,E., Pearlstein,R.D.
- Exposure of the dorsal root ganglion in rats to pulsed radiofrequency currents activates dorsal horn lamina I and II neurons
- Neurosurg 50 (2002)850 – 6
- Hildebrandt,J. Diagnostik und Klassifikation chronischer „idiopathischer“ Rückenschmerzen. Eine klinische Untersuchung
- Habilitationsschrift, Fachbereich Medizin, Georg August – Universität, Göttingen
- +Hildebrandt,J. Relevanz von Nervenblockaden bei der Diagnose und Therapie von Rückenschmerzen. Ist die Qualität entscheidend?
- Schmerz 15 (2001)474 - 83
- +Hildebrandt,J. Rückenschmerzen
- Med Welt 53 (2002)44 - 7
- +Hildebrandt,J. Die Muskulatur als Ursache für Rückenschmerzen
- Schmerz 17 (2003)412 - 8
- +Hildebrandt,J. Pfingsten,M.
- Vom GRIP zur multimodalen Schmerztherapie. Ein Konzept setzt sich durch.
- Orthopäde 38 (2009)885 – 95
- +Hildebrandt,J. Pfingsten,M., Lüder,S., Lucan,S., Pauls,J., Seeger,D., Strube,J., von Westernhagen,S., Wendt,A.

- Göttinger Rücken – Intensiv – Programm (GRIP) Das Manual  
 Congress Compact, Berlin, 2003
- +Hildebrandt,J. .  
 Pfingsten,M., Saur,P., Jansen,J.  
 Prediction of success from a multidisciplinary treatment programme for chronic low back pain  
*Spine* 22 (1997)990 – 1001
- Hildebrandt,J.  
 Schöps,P.  
 Schmerzen am Bewegungsapparat/Rückenschmerz  
 In: Zenz,M., Jurna,I. eds. Lehrbuch der Schmerztherapie.  
 Wissenschaftliche Verlagsgesellschaft, Stuttgart, 2001, 577 – 592 (zit. Ots, 2006)
- Hildebrandt,V.H.  
 A review of epidemiological research on risk factors of low back pain  
 In: Buckle,P.W., ed.: Muskuloskeletal disorders at work, London, Taylor and Francis, 1987, pp. 9 – 16 (zit. Kovacs et al., 2003)
- Hildebrandt,V.H.  
 Proper,K.I., van den BR, Douwes,M., van den Heuvel,S.G., van Buuren,S.  
 Cesar therapy is temporarily more effective in patients with chronic low back pain than the standard treatment by family practitioner: randomized, controlled and blinded clinical trial with 1 year follow up [dutch]  
*Ned Tijdschr Geneesk* 144 (2000)2258 – 64 (zit. van Tulder et al., 2006b)
- Hildebrandt,V.H. et al.  
 The relationship between leisure time, physical activities and musculoskeletal symptoms and disability in worker populations  
*Int Arch Occup Environ Health* 73 (2000)507 – 18 (zit. Enthoven et al., 2006)
- +Hilfiker,R.  
 Bachmann,L.M., Heitz,C.A., Lorenz,T., Joronen,H., Klipstein,A.  
 Value of predictive instruments to determine persisting restrictions of function in patients with subacute non-specific low back pain. Systematic review  
*Eur Spine J* 16 (2007)1755 – 75
- +Hill,C.L.  
 Gale,D.G., Chaisson,C.E., Skinner,,K., kazis,L., Gale,M.E., Felson,D.E.

Knee effusions, popliteal cysts, and synovial thickening:  
association with knee pain in osteoarthritis

J Rheumatol 28 (2001)1330 – 7

+Hill,J.C.

Dunn,K.M., Lewis,M., Mullis,R., Main,C.J., Foster,N.E.,  
Hay,E.M.

A primary care back pain screening tool: identifying patients  
subgroups for initial treatment

Arthritis Rheum 59 (2008)632 – 41

+Hill,J.C.

Dunn,K.M., Main,C.E., Hay,E.M.

Subgrouping low back pain: a comparision of the StarT Back  
Tool with the Orebro Musculoskeletal Pain Screening  
Questionnaire

Eur J Pain 14 (2010a)83 - 9

+Hill,J.C.

Konstantinou,K., Egbewale,B.E., Dunn,K.M., Lewis,M., van der  
Windt,D.

Clinical outcomes among low back pain consulters with  
referred leg pain in primary care

Spine 36 (2011)2168 - 75

+Hill,J.C.

Whitehurst,D.G., Lewis,M., Foster,N.E., Konstantinou,K.,  
Main,C.J., Mason,E., Somerville,S., Sawdon,G.,  
Vohora,K.,Hay,E.M.

Comparison of stratified primary care management for low  
back pain with current best practice (STarT Back): a  
randomized controlled trial

Lancet 378 (2011a)1560 – 71

+Hill,J.C.

Vohora,K., Dunn,K.M., Main,C.J., Hay,E.M.

Comparing the StarT back screening tools subgroup allocation  
of individual patients with that of independent clinical experts

Clin J Pain 26 (2010)783 - 7

+Hill,J.J..

Keating,J.J.

Daily exercises and education for preventing low back pain in  
children: cluster randomized controlled trial

Phys Ther 95 (2015)507 - 16

+Hill,R.

Blocking the effects of NGF as a route to safe and effective  
pain relief – fact or fancy? Commentary

- +Hilton,R.C. Ball,J.  
Vertebral rim lesions in the dorsolumbar spine  
Ann Rheum Dis 43 (1984)302 – 7
- Himanen,J.P. Nikolov,D.B.  
Eph receptors and ephrins  
Int J Biochem Cell Biol 35 (2003)130 – 4 (zit. Kobayashi,H. et al., 2007)
- +Hioki,A. Miyamoto,K., Sadamasu,A., Nozawa,S., Ogawa,H., Fushimi,K., Hosoe,H., Shimizu,K.  
Repair of pars defects by segmental transverse wiring for athletes with symptomatic spondylolysis. Relationship between bony union and postoperative symptoms  
Spine 37 (2012)802 - 7
- +Hipolito,L. Fakira,A.K., Cabanero,D., Blandon,R., Carlton,S.M., Moron,J.A., Melyan,Z.  
In vivo activation of the SK canne in the spinal cord reduces the NMDA receptor antagonist dose needed to produce antinociception in an inflammatory pain model  
Pain 156 (2015)849 - 58
- +Hirokawa,S. Solomonow,M., Luo,Z., Lu,Y., D'Ambrosia,R.  
Muscular co-contraction and the control of knee stability  
J Electromyography Kinesiol 1 (1991)199 – 208
- +Hirose,M. Kuroda,Y., Murata,E.  
NGF/trkA signalling as a therapeutic target for pain  
Pain Pract 16 (2016)175 - 82
- Hirsch,C. Nachemson,A.  
New observations in the mechanical behavior of lumbar discs  
Acta Orthop Scand 23 (1954)254 – 83 (zit. Imai et al., 2007b)
- +Hirsch,C. Ingelmark,B., Miller,M.  
The anatomical basis for low back pain. Studies on the presence of sensory nerve endings in ligamentous, capsular and intervertebral disc structures in the human lumbar spine

Acta Orthop Scand 33 (1963)1 – 17

Hirsch,C.

Schajowicz,F.

Studies on structural changes in the lumbar annulus fibrosus

Acta Orthop Scand 32 (1953)184 – 231

+Hirsch,E.

Katanaev,V.L.: Garlanda,C., Azzolino,O., Pirola,L., Silengo,L., Sozzani,S., Mantovani,A., Altruda,F., Wyman,M.P.

Central role for G-protein-coupled phosphoinositide 3 – kinase gamma in inflammation

Science 287 (2000)1049 – 53

+Hirsch,O.

Strauch,K., Held,H., Redaelli,M., Chenot,J.F., Leonhardt,C., Keller,S., Baum,E., Pfingsten,M., Hildebrandt,J und weitere 4 Autoren

Low back pain patient subgroups in primary care

Clin J Pain 30 (2014)1023 - 32

+Hirsch,S.

Corradini,L., Just,S., Arndt,K., Doods,H.

The CGRP receptor antagonist BIBN4096BS peripherally alleviates inflammatory pain in rats

Pain 154 (2013)700 - 7

+Hirsch,S.

Birklein,F.

Lindernde Wirkung des CGRP-Antagonismus auf Entzündungsschmerz

Schmerz 28 (2014)532 - 6

+Hirschberg,G.G.

Froetscher,L., Naeim,F.

Iliolumbar syndrome as a common cause of low back pain:  
Diagnosis and prognosis

Arch Phys Med Rehabil 60 (1979)415 – 9

+Hirschfeld,G.

Zernikow,B.

Variability of “optimal” cut points for mild, moderate and severe pain: Neglected problems when comparing groups

Pain 154 (2013)154 - 9

+Hirsh,A.T.

Atchinson,J.W., Berger,J.D., Waxenberg,L.B., Lafayette-Lucey,A., Bulcourf,B.B., Robinson M.E.

- Patient satisfaction with treatment for chronic pain.  
Predictors and relationship to compliance  
*Clin J Pain* 21 (2005)302 – 10
- +Hirsh,A.T.  
George,S.Z., Riley,J.L.III. Robinson,M.E.
- An evaluation of the measurement of pain catastrophizing by  
the coping strategies questionnaire  
*Eur J Pain* 11 (2007)75 - 81
- +Hirthe,L.  
Entwicklung und Relevanz biomechanischer Parameter einer  
Manipulationstechnik  
*Manuelle Med* 51 (2013)203 - 8
- +Hisaoaka,K.  
Nishida,A., Koda,T., Miyata,M., Zensho,H., Morinobu,S.,  
Ohta,M., Yamawaki,S.
- Antidepressant drug treatments induce glial cell line-derived  
neurotrophic factor (GDNF) synthesis and release in rat C6  
glioblastoma cells  
*J Neurochem* 79 (2001)25 – 34
- +Hisaoaka,K.  
Takebayashi,M., Tsuchioka,M., Maeda,N., Nakata,Y.,  
Yamawaki,S.
- Antidepressants increase glial cell line-derived neurotrophic  
factor production through monoamine-independent  
activation of protein tyrosin kinase and extracellular signal-  
regulated kinase in glial cells  
*J Pharmacol Exp Ther* 321 (2007)148 – 57
- Hitzelberger,W.E.  
Witten,R.M.  
Abnormal myelograms in asymptomatic patients  
*J Neurosurg* 28 (1968)204 – 6 (zit Cuellar et al., 2004)
- Hjelm,N.  
Werner,S., Renstrom,P.  
Injury profile in junior tennis players: a prospective two year  
study  
*Knee Surg Sports Traumatol Arthrosc* 18 (2010)845 - 50
- +Hjornevik,T.  
Jacobsen,L.M., Qu,H., Bjaalie,J.G., Gjerstad,J., Willoch,F.  
Metabolic plasticity in the supraspinal pain modulating  
circuitry after noxious stimulus-induced spinal cord LTP  
*Pain* 140 (2008)456 - 64

- +Hlaing,S.S. Puntumetkul,R., Khine,E.E., Boucaut,R.  
Effect of core stabilizatrion exercise and strengthening exercise on proprioception, balance, muscle thickness and pain related outcomes in patients with subacute nonspecific low back pain: a randomized controlled trial  
BMC Musculoskel Disord 22 (2021)998  
[doi.org/10.1186/s12891-021-04858-6](https://doi.org/10.1186/s12891-021-04858-6)
- (-)Ho,E. Ferreira,M., Pinheiro,M., Carvalho-e-Silva,A., Madrid-Valero,J., Zadro,J., Ordonana,J., Ferreira,P.  
Factors associated with seeking for medical care for low back pain in a twin adult sample  
Eur J Pain (2021) doi.org/10.1002/ejp.1731 (Zugriff 12.2.2021)
- +Ho,K.Y. Huh,B.K., White,W.W., Yeh,C.C., Miller,E.J.  
Topical amitriptyline versus lidocaine in the treatment of neuropathic pain  
Clin J Pain 24 (2008)51 - 5
- +Ho,K.Y. Jones,L., Gan,T.J.  
The effect of cultural background on the usage of complementary and alternative medicine for chronic pain management  
Pain Physician 12 (2009)685 - 8
- +Ho,K.Y. Tan,K.H.  
Botulinum toxin A for myofascial trigger point injection: a qualitative systemic review  
Eur J Pain 11 (2007)519 - 27
- +Hobart,J. Measuring spinal surgical success: the proportion achieving acceptable symptoms. Keep it simple but not simplistic  
Spine J 16 (2016)S19 – S20
- +Hochberg,M.C. Altman,R.D., Brandt,K.D., Clark,B.M., Dieppe,P.A., Griffin,M.R., Moskowitz,R.W., Schnitzer,T.J.  
Guidelines for the medical management of osteoarthritis. Part I. osteoarthritis of the hip. American College of Rheumatology  
Arthritis Rheum 38 (1995)1535 – 40

- +Hockaday,J.M. Whitty,C.W.  
Patterns of referred pain in the normal subject  
Brain 90 (1967)481 – 96
- +Hocking,L.J. Smith,B.H., Jones,G.T., Reid,D.M., Strachan,D.P., Macfarlane,G.J.  
Genetic variation in the beta2-adrenergic receptor but not Catecholamine-P-Methyltransferase predisposes to chronic pain: Results from the 1958 British Birth Cohort Study  
Pain 149 (2010)143 - 51
- Hodge,C.J. Apkarian,A.V.  
The spinothalamic tract  
Crit Rev Neurobiol 5 (1990)363 – 97 (zit. Treede & Lenz, 2006)
- +Hodge,C.J. Binet,E.F., Kieffer,S.A.  
Intradural herniation of lumbar intervertebral discs  
Spine 3 (1978)353 – 6
- +Hodges,P.W. Changes in motor planning of feedforward postural responses of the trunk muscles in low back pain  
Exp Brain Res 141 (2001)261 – 6
- +Hodges,P.W. Pain and motor control: from the laboratory to rehabilitation  
J Electromyogr Kinesiol 21 (2011)220 - 8
- +Hodges,P.W. To redistribute muscle activity in pain, or not: That is the question (commentary)  
Pain 155 (2014)849 - 50
- +Hodges,P. A model for matching management (including motor control) to pain mechanisms  
In: Vleeming et al. (eds.): 10<sup>th</sup> Interdisciplinary World Congress on Low Back Pain and Pelvic Girdle Pain, Antwerp, Belgium, 28.- 31.10.2019, S.42 - 4
- +Hodges,P. Cresswell,A., Thorstensson,A.  
Preparatory trunk motion accompanies rapid upper limb movement

- Exp Brain Res 124 (1999)69 – 79  
+Hodges,P.W. Eriksson,A.E.M., Shirley,D., Gandevia,S.C.  
Intra-abdominal pressure increases stiffness of the lumbar spine  
J Biomech 38 (2005)1873 – 80
- +Hodges,P. Holm,A.K., Hansson,T., Holm,S.  
Rapid atrophy of the lumbar multifidus follows experimental disc or nerve root injury  
Spine 31 (2006)2926 - 33
- +Hodges,P.W. . Holm,A.K., Holm,S., Ekström,L., Cresswell,A., Hansson,T., Thorstensson,A.  
Intervertebral stiffness of the spine is increased by evoked concentration of transversus abdominus and the diaphragm; in vitro porcine studies  
Spine 28 (2003)2594 – 601
- +Hodges,P.W. James,G., Blomster,L., Hall,L., Schmid,A.B., Shu,C., Little,C., Melrose,J.  
Can proinflammatory cytokine gene expression explain multifidus muscle fiber changes after an intervertebral disc lesion?  
Spine 39 (2014)1010 - 7
- +Hodges,P.W. James,G., Blomster,L., Hall,L., Schmid,A., Shu,C-. Little,C., Melrose,J.  
Multifidus muscle changes after back injury are characterized by structural remodelling of muscle, adipose and connective tissue, but not muscle atrophy. Molecular and morphological evidence  
Spine 40 (2015)1057 - 71
- +Hodges,P. Moseley,G., Gabrielsson,A., Gandevia,S.C.  
Experimental muscle pain changes feedforward postural responses of the trunk muscles  
Exp Brain Res 151(2003)262 - 71
- +Hodges,P.W. Richardson,C.A.

- Inefficient muscular stabilisation of the lumbar spine associated with low back pain: a motor control evaluation of transversus abdominis  
Spine 21 (1996)2640 – 50
- +Hodges,P.W. Richardson,C.A.
- Contraction of the abdominal muscles associated with movements of the lower limb  
Phys Ther 77 (1997)132 - 42
- +Hodges,P.W. Richardson,C.A.
- Feedforward contraction of transversus abdominis is not influenced by the direction of arm movement  
Exp Brain Res 114 (1997a)362 – 70
- +Hodges,P.W. Richardson,C.A.
- Delayed postural contraction of transversus abdominis in low back pain associated with movement of the lower limb  
J Spinal Disord 11 (1998)46 – 56
- +Hodges,P.W. Richardson,C.A.
- Transversus abdominis and the superficial abdominal muscles are controlled independently in a postural task  
Neurosci Lett 265 (1999)91 – 4
- +Hodges,P.W. Richardson,C.A.
- Altered trunk muscle recruitment in people with low back pain with upper limb movement at different speeds  
Arch Phys Med Rehabil 80 (1999a)1005 – 12
- Hodges,P.W., Richardson,C., Jull,G.
- Evaluation of the relationship between laboratory and clinical tests of transverses abdominus function  
Physiother Res Int 1 (1996a)30 - 40
- +Hodges,P.W. Tucker,K.
- Moving differently in pain: A new theory to explain the adaptation to pain  
Pain 152 (2011)S90 -8

- Hodges,P.W. et al.-n- Evidence for a direct effect of pain of postural recruitment of the trunk muscles in pain free humans  
Exp Brain Res 2004 in press (so zit. Moseley & Hodges, 2005)  
– dieser Artikel ist anscheinend nie erschienen! -
- +Hodkinson,D.J. Khawaja,N., O'Daly,O., Thacker,M.A., Zelaya,F.O., Wooldridge,C.L., Renton,T.F., Williams,S.O.R., Howard,M.A.  
Cerebral analgesic response to nonsteroidal anti-inflammatory drug ibuprofen  
Pain 156 (2015)1301 - 10
- Hoeger Bement,M.K. s. Bement
- +Hoehler,F.K. Tobis,J.S., Buerger,A.A.  
Spinal manipulation for low back pain  
JAMA 245 (1981)1835 – 8
- +Höer,A. Freytag,A., Schiffhorst,G., Schellhammer,S., Thiede,M., Glaeske,G., Häussler  
Opioidtherapie bei Versicherten mit Rückenschmerzen.  
Sekundärdatenanalyse zur Charakterisierung von Patientengruppen, Einfluss auf Opioidtherapie und Arbeitsunfähigkeit  
Schmerz 25 (2011)174 - 83
- +Hoffman,M.D. Shepanski,M.A., MacKenzie,S.P., Clifford,P.S.  
Experimentally induced pain perception is acutely reduced by aerobic exercise in people with chronic low back pain  
J Rehabil Res Dev 42 (2005)183 – 90
- +Hoffmann,B.M. Papas,R.K., Chatkoff,D.K., Kerns,R.D.,  
Meta-analysis of psychological interventions for chronic low back pain  
Health Psychol 26 (2007)1 – 9
- +Hoffmann,F. Glaeske,G., Windt,R.  
Verordnung von starken Opioiden im Jahr 2011  
Schmerz 26 (2012)707 - 14
- +Hoffmann,K.S. Hoffmann,L.L.

- Effects of adding sacral base leveling to osteopathic manipulative treatment of back pain: a pilot study  
J A O A 94 (1994)217 – 26
- +Hoffmann,T.  
Kistner,K., Carr,R.W., Nassar,M.A., Reeh,P.W., Weidner,C.
- Reduced excitability and impaired nociception in peripheral unmyelinated fibers from Na<sub>v</sub>1.9-null mice  
Pain 158 (2017)58 - 67
- +Hofmann,F.  
Stossel,U., Michaelis,M., Nübling,M., Siegel,A.
- Low back pain and lumbago-sciatica in nurses and a reference group of clerks: results of a comparative prevalence study in Germany  
Int Arch Occup Environ Health 75 (2002)484 – 90
- +Hoftun,G.B.  
Romundstad,P.R., Zwart,J.A., Rygg,M.
- Chronic pain in adolescence – high prevalence and disability:  
The young HUNT study 2008  
Pain 152 (2011)2259 - 66
- +Hogan,Q.  
Toth,J.  
Anatomy of the soft tissues of the spinal canal  
Reg Anesth Pain Med 24 (1999)303 – 10
- +Högestätt,E.D.  
Jonsson,B.A., Ermund,A., Andersson,D.A., Bjork,H.,  
Alexander,J.P. et al.
- Conversion of acetaminophen to the bioactive N-acylaminophene AM404 via fatty acid amide hydrolase-dependent arachidonic acid conjugation in the nervous system  
J Biol Chem 280 (2005)31405 – 12
- +Hogg,N.  
Darley-Usmar,V.M., Wilson,M.T., Moncada,S.
- Production of hydroxyl radicals from the simultaneous generation of superoxide and nitric oxide  
Biochem J 281(1992)419 – 24
- +Hogrefe,C.  
Kommentar der Deutschen Gesellschaft für Osteopathische Medizin (DGOM)  
Osteopath Med 11 (2010)1: 26

- +Hoheisel,U. Koch,K., Mense,S.  
Functional reorganisation in the rat dorsal horn during an experimental myositis  
*Pain* 59 (1994)111 – 8
- +Hoheisel,U. Mense,S., Simons,D.G., Xu,X.M.  
Appearance of new receptive fields in rat dorsal horn neurons following noxious stimulation of skeletal muscle: a model for referral of muscle pain?  
*Neurosci Lett* 153 (1993)9 – 12
- +Hoheisel,U. Reinert,A., Mense,S.  
Changes in NADPH-diaphorase activity in the rat dorsal horn following an acute experimental myositis  
*Histochem Cell Biol* 103 (1995)459 – 62
- +Hoheisel,U. Reinöhl,J., Unger,T., Mense,S.  
Acidic pH and capsaicin activate mechanosensitiver group IV muscle receptors in the rat  
*Pain* 110 (2004)149 - 57
- +Hoheisel,U. Reuter,R, de Freitas,M.F., Treede,R.D., Mense,S.  
Injection of nerve growth factor into a low back muscle induces long lasting latent hypersensitivity in the rat dorsal horn neurons  
*Pain* 154 (2013)1953 - 60
- +Hoheisel,U. Taguchi,T., Mense,S-  
Reagieren Rückenmuskeln empfindlicher auf noxische Reize als Extremitätenmuskeln? Eine Verhaltensstudie an Ratten  
*Schmerz* 20 (2006) Suppl 1: 114
- +Hoheisel,U. Unger,T., Mense,S.  
Sensitization of rat dorsal horn neurons by NGF-induced subthreshold potentials and low-frequency activation. A study employing intracellular recordings in vivo.  
*Brain Res* 1169 (2007)34 - 43
- +Hohmann,A.G. Suplita,R.I., Bolton,N.M., Neely,M.H., Fegley,D., Mangieri,R., Krey,J.F., Walker,J.M., Holmes,P.V-, Crystal,J.D., Duranti,A., Tontini,A., Mor,M., Tarzia,G., Piomelli,D.

An endocannabiniod mechanism for stress-induced analgesia

Nature 435 (2005)1108 – 12

+Hohmann,C.

Ullrich,I., Lauche,R., Choi,K.E., Lüdtke,R., Rolke,R., Cramer,H., Saha,F.J., Rampp,T., Michalsen,A., Langhorst,J., Dobos,G., Musial,F.

The benefit of a mechanical needle stimulation pad in patients with chronic neck and lower back pain: two randomized controlled pilot studies

Evidence-Based Complement Altern Med (2012), Article-ID 753583, 11 Seiten, doi 10.1155/2012/753583

+Hohmann,C.D.

Stange,D., Steckhan,N., Robens,S., Ostermann,T., Paetow,A., MichalsenA.

Wirksamkeit der Blutegeltherapie bei chronischen unteren Rückenschmerzen

Dt Ärztebl 115 (2018)785 - 92

+Hoi,A.Y.

Iskander,M.N., Morand,E.F.

Macrophage migration inhibitory factor: a therapeutic target across inflammatory diseases

Imflamm Allergy Drug Targets 6 (2007)183 - 90

+Hoidal,J.R.

White,J.G., Repine,J.E.

Influence of cationic local anesthetics on the metabolism and ultrastructure of human alveolar macrophages

J Lab Clin Med 93 (1979)857 – 66

+Hoikka,V.

Ylikoski,M., Tallroth,K.

Leg-length inequality has poor correlation with lumbar scoliosis. A radiographical study on 100 patients with low-back pain

Arch Orthop Trauma Surg 108 (1989)173 – 5

-Hoiriis,K.T. –n-

Pfleger,K.T., McDuffie,F.C. et al.

A randomized clinical trial comparing chiropractic to conservative medical care for subacute low back pain. Symposium proceedings of the World Federation of Chiropractic. 6<sup>th</sup> Biennial Congress, Paris, France, 21 – 26 May 2001

Eur J Chiropractic 49 (2002)101 (zit. Woodhead & Clough, 2006)

- +Hojsted,J. Ekholm,O., Kurita,G.P., Juel,K., Sjogren,P.  
Addictive behaviours related to opioid use for chronic pain: A population based study  
*Pain* 154 (2013)2677 - 83
- +Hojsted,J. Sjogren,P.  
Addiction to opioids in chronic pain patients: A literature review  
*Eur J Pain* 11 (2007)490 - 518
- +Höökfelt;T. Neuropeptides in perspective: the last ten years  
*Neuron* 7 (1991)867 – 79
- +Höökfelt,T. Ljungsdahl,A., Terenius,L., Elde,R., Nilsson,G.  
Immunohistochemical analysis of peptide pathways possibly related to pain and analgesia: enkephalin and substance P  
*Proc Natl Acad Sci USA* 74 (1977)3081 – 5
- +Holdridge,S.V. Cahill,C.M.  
Spinal administration of a delta – opioid receptor agonist attenuates hyperalgesia and allodynia in a rat model of neuropathic pain  
*Eur J Pain* 11 (2007)685 -93
- +Holguin,N. Martin,J.T., Elliot,D.M., Judex,S.  
Low-intensity vibrations partially maintain intervertebral disc mechanics and spinal muscle area during deconditioning  
*Spine J* 13 (2013)428 – 36
- +Holguin,N. Muir,J., Rubin,C., Judex,S.  
Short application of very low magnitude vibrations attenuate expansion of the intervertebral disc during extended bed rest  
*Spine J* 9 (2009)470 - 7
- +Holguin,N. Uzer,G., Chiang,F.P., Rubin,C., Judex,S.  
Brief daily exposure to low intensity vibration mitigates the degradation of the intervertebral disc in a frequency- specific manner  
*J Appl Physiol* 111 (2011)1846 – 53

- +Holland,J.P. Bigos,S.J.  
Methodological considerations – an attempt to use treatment outcomes to validate a classification system for back problems: a critical analysis of a quasi-experiment  
Spine J 9 (2009)674 – 6
- +Holldorf,M. Morfeld,M., Möller,M., Höder,J., Koch,U.  
Chronischer Rückenschmerz. Replikation reaktionsdifferenter Gruppen  
Schmerz 24 (2010)334 - 41
- Holleman,A.F. Richter,F.  
Lehrbuch der organischen Chemie, 37. – 41. Auflage, Berlin, Walter de Gruyter, 1961, 171 – 2, 373, (cit. Heine, 2006)
- +Hollenberg,A.M. Maqsoodi,N., Phan,A., Huber,A., Jubril,A., Baldwin,A.L., Yokogawa,N., Eliseev,R.A., Mesfin,A.  
Bone morphogenetic protein-2 signaling in human disc degeneration and correlation to the Pfirrmann MRI grading system  
Spine J 21 (2021)1205 – 16  
[doi.org/10.1016/j.spinee.2021.03.002](https://doi.org/10.1016/j.spinee.2021.03.002)
- +Hollerwöger,D. Methodological quality and outcomes of studies addressing manual cervical spine examinations: a review  
Man Ther 11 (2006)93 – 98
- +Holley,A.L. Wilson,A.C., Palermo,T.M.  
Predictors of the transition from acute to persistent musculoskeletal pain in children and adolescents: a prospective study  
Pain 158 (2017)794 - 801
- +Hollinghurst,S. Sharp,D., Ballard,K., Barnett,J., Beattie,A., Evans,M., Lewith,G., Middleton,K., Oxford,F., Webley,F. Little,P.  
Randomized controlled trial of Alexander technique lessons, exercise, and massage (ATEAM) for chronic and recurrent back pain: economic evaluation  
BMJ 337 (2008)a2656: 1 - 8
- +Hollingworth;W. Turner,J.A., Welton,N.J., Cornstock,B.A., Deyo,R.A.

Costs and cost-effectiveness of spinal cord stimulation (SCS) for failed back surgery syndrome

Spine 36 (2011)2076 - 83

+Holm,L.W.

Onell,C., Carlseus,M., Ekwurtzel,R., Holmertz,O., Bohman,T., Sillgate,E.

Vigorous regular leisure-time physical activity is associated with a clinically important improvement in back pain – a secondary analysis of randomized controlled trials

BMC Musculoskel Disord 22 (2021)857

doi.org/10.1186/s12891-021-04727-2

+Holm,S.

Indahl,A., Solomonow,M.

Sensorimotor control of the spine

J Electromyogr Kinesiol 12 (2002)219 – 34

+Holm,S.

Maroudas,A., Urban,J.P.G., Selstam,G., Nachemson,A.

Nutrition of the intervertebral disc: solute transport and metabolism

Connect Tissue Res 8 (1981)101 – 19

+Holmes,B.

Leggett,S., Mooney,V., Nichols,J., Negri,S., Hoeyberghs,A.

Comparison of female geriatric lumbar-extension strength: asymptotic versus chronic low back pain patients and their response to active rehabilitation

J Spinal Disord 9 (1996)17 – 22

+Holmes,H.E.

Rothman,R.H.

The Pennsylvania plan. An algorithm for the management of lumbar degenerative disc disease

Spine 4 (1979)156 – 62

+Holmich,P.

Dienst,M.

Differentialdiagnose von Hüft- und Leistenschmerzen – Symptome und körperliche Untersuchungstechnik

Manuelle Med 44 (2006)99 - 105

Holmstrom,E.

Moritz,U.

Effects of lumbar belts on trunk muscle strength and endurance: a follow-up study of construction workers

- J Spinal Disord 5 (1992)260 – 6 (zit. Oleske et al., 2007)
- +Holmström,E.B. . Lindell,J., Moritz,U.  
Low back and neck/shoulder pain in construction workers:  
occupational workload and psychosocial risk factors, part 1:  
relationship to low back pain
- Spine 17 (1992)672 – 7
- +Holst,A. Thomas,W.  
Noninvasive, reliable and repiteble at any time  
ultrasonographic measurement of leg length
- Electromedica 56 (1988)105 – 9
- +Holt,N Mansell,G., Hill,J.C., Pincus,T.  
Testing a model of consultation-based reassurance and back  
pain outcomes with psychological risk as moderator. A  
prospective cohort study
- Clin J Pain 34 (2018)339 - 48
- (-)Höltke,V. Verdonck,A., Euler,H.  
Muskuläre Dysbalancen bei Leistungsschwimmern
- Sportverl Sportschad 9 (1995)96 – 8 (zit. Esser, 2017)
- +Holz,G.G. Kang,C., Harbeck,M., Roe,M.W., Chepurny,A.G.  
Cell physiology of cAMP sensor Epac
- J Physiol 577 (2006)5 – 15
- +Holzapfel,S. Riecke,J., Rief,W., Schneider,J., Glombiewski,J.A.  
Development and validation of the Behavioral Avoidance  
Back Pain (BAT-Back) for patients with chronic low back pain
- Clin J Pain 32 (2016)940 - 7
- +Hong,C.Z. Consideration and recommendation of myofascial trigger  
point injection
- J Musculoskelet Pain 2 (1994)29 – 59
- +Hong,C.Z. Pathophysiology of myofascial trigger point
- J Formos Med Assoc 95 (1996)93 - 104
- +Hong,C.Z. Simons,D.G.

- Pathophysiologic and electrophysiologic mechanisms of myofascial trigger points  
Arch Phys Med Rehabil 79 (1998)863 – 72
- +Hong,J.  
Reed,C., Novick,D., Happich,M.
- Costs associated with treatment of chronic low back pain. An analysis of the UK General Practice Research Database  
Spine 38 (2013)75 - 82
- +Hong,Y.  
Liu,Y., Chabot,J.G., Fournier,A., Quirion,R.
- Upregulation of adrenomedullin in the spinal cord and dorsal root ganglia in the early phase of CFA-induced inflammation in rats  
Pain 146 (2009)105 - 13
- +Honikel,M.  
Das craniomandibuläre System und seine Effekte auf die Körperhaltung – Teil III: Ätiologie, Diagnostik und Therapie von Störungen im CMS  
Osteopathische Med 8 (2007)4: 4 – 9
- +Honore,M.  
Leboeuf-Yde,C., Gagaey,O., Wedderkopp,N.
- How big is the effect of spinal manipulation on the pressure pain threshold and for how long does it last? – Secondary analysis of data from a systemic review  
Chiropr Man Ther 27 (2019)22 doi.org/10.1186/s12998-019-0240-4
- +Honsek,S.D.  
Seal,R.P., Sandkühler,J.
- Presynaptic inhibition of optogenetically identified VgluT3<sup>+</sup> sensory fibres by opioids and baclofen  
Pain 156 (2015)243 - 51
- +Hood,V.L.  
Chubert,C., Keller,U., Müller,S.
- Effects of systemic pH on pHi and lactic acid generation in exhaustive forearm exercise  
Am J Physiol 255 (1988)F479 – 85
- Hood,W.P.  
On bone-setting (so-called) and its relation to the treatment of joints crippled by injury, rheumatism, inflammation, etc.  
London, MacMillan & Co, 1871 (zit. in Spine J 7 (2007)158)
- +Hoogendoorn,W.E.  
Bongers,P.M., de Vet,H.C.W., van Mechelen,W., Bouter,L.M.

- High physical work load and low job satisfaction increase the risk of sickness absence due to low back pain: results of a prospective cohort study  
 Occup Environ Med 59 (2002)323 – 8  
 +Hoogendoorn,W.E.  
 van Poppel,M.N., Bongers,P.M., Koes,B., Bouter,L.M.
- Physical load during work and leisure time as risk factors for back pain  
 Scand J Work Environ Health 25 (1999)387 – 403  
 +Hoogendoorn,W.E.  
 van Poppel,M.N., Bongers,P.M., Koes,B., Bouter,L.M.
- Systematic review of psychosocial factors at work and private life as risk factors for back pain  
 Spine 25 (2000)2114 – 25  
 +Hoogendoorn,R.J.  
 Wuisman,P.I., Smit,T.H., Everts,V.E., Helder,M.N.
- Experimental intervertebral disc degeneration induced by chondroitinase ABC in the goat  
 Spine 32 (2007)1816 - 35  
 +Hoogendoorn,W.E. .  
 Bongers,P.M., de Vet,H.C.W., Douwes,M., Koes,B.W., Miedema,M.C., Ariens,G.A.M., Bouter,L.M.
- Flexion and rotation of the trunk and lifting at work are risk factors for low back pain: results of a prospective cohort study  
 Spine 25 (2000)3087 – 92  
 +Hooker,Q.L.  
 Roles,K.M., Lanier,V.M., Francois,S., van Dillen,L.R.
- Skill training versus strength and flexibility exercise in chronic low back pain: Effects on kinematics during a functional activity  
 In: Vleeming et al. (eds.): 10<sup>th</sup> Interdisciplinary World Congress on Low Back Pain and Pelvic Girdle Pain, Antwerp, Belgium, 28.- 31.10.2019, S.45  
 +Hoon,M.  
 Bauer,G., Fritschy,J.M., Moser,T., Falkenburger,B.H., Varoqueaux,E.,
- Neuroligin 2 controls the maturation of GABAergic synapses and information processing in the retina  
 J Neurosci 29 (2009)8039 – 50  
 +Hooper,A.C.  
 The role of the iliopsoas muscle in femoral rotation

- Ir J Med Sci 4 (1977)108 – 12  
+Hooten,W.M. Lamer,T.J., Twyner,C.  
Opioid-induced hyperalgesia in community-dwelling adults with chronic pain  
Pain 1145 - 52
- +Hooten,W.M. Shi,Y., Gazelka,H.M., Warner,D.O.  
The effects of depression and smoking on severity and opioid use in patients with chronic pain  
Pain 152 (2011)223 - 9
- +Hoozemans,M.J.M. Koppes,L.L.J., Twisk,J.W.R., van Dieen,J.H.  
Lumbar bone mass predicts low back pain in males  
Spine 37 (2012)1579 - 85
- +Hopayan,K. Notley,C.  
A systematic review of low back pain and sciatica patients' expectations and experiences of health care  
Spine J 14 (2014)1769 - 80
- Hopaiyan,K. Danielyan,A.  
Four symptoms define the piriformis syndrome: an updated systemic review of its clinical features  
Eur J Orthop Surg Traumatol 28 (2018)155 – 64 (zit. Vining et al., 2019)
- +Hopayian,K. Song,F., Riera,R., Sambadan,S.  
The clinical features of the piriformis syndrome: a systematic review  
Eur Spine J 19 (2010)2095 – 2105
- +Hördegen,K.M. Wirbelsäule und Reiten  
Schweiz Med Wschr 105 (1975)668 – 75
- +Horigome,K. Pryor,J.C., Bullock,E.D., Johnson Jr., E.M.  
Mediator release from mast cells by nerve growth factor. Neurotrophin specificity and receptor mediation  
J Biol Chem 268 (1993)14881 – 7

- +Horjales-Araujo,E. Demontis,D., Lund,E.K., Vase,L., Finnerup,N.B., Borglum,A.D., Jensen,T.S., Svensson,P.  
Emotional modulation of muscle pain is associated with polymorphisms of the serotonin transporter gene  
Pain 154 (2013)1469 - 76
- +Horlemann,J. Diagnostik und Therapie von Tumorschmerzen  
Schmerzmedizin 28 (2012)2: 7 - 11
- +Hörmann,R. Brenner,E., Künzel,K.H.  
Funktionelle Aspekte der Dura sacralis und des anokokzygealen „Verspannungsapparates“  
Osteopath Med 17 (2016)1: 4- 8
- +Horner,H.A. Urban,J.P.  
Effect of nutrient supply of the viability of cells from the nucleus pulposus of the intervertebral disc  
Spine 26 (2001)2543 – 9
- +Horsefield,D. Jones,S.N.  
Assessment of inequality in length of the lower limb  
Radiography 52 (1986)233 – 7
- +Horton,J.F. Lindsay,D.M., Macintosh,B.R.  
Abdominal muscle activation of elite male golfers with chronic low back pain  
Med Sci Sports Exerc 33 (2001)1647 – 54
- +Horvath,R.J Romero-Sandoval,E.A., de Leo,J.A.  
Inhibition of microglial P2X4 receptors attenuates morphine tolerance, Iba1, GFAP and mu opioid receptor protein expression while enhancing perivascular microglial ED2  
Pain 150 (2010)401 - 13
- +Hosaka,T. Ohira,T., Luciani,C., Cabrera,J.L., Milton,J.G.  
Balancing with noise and delays  
Prog Theoretic Physics 161 (2006) Suppl: 314 – 9
- Hosea,T. Boland,A., Mc Carthy,K. et al.

## Rowing Injuries

Postgraduate advances in sports medicine, University of Pennsylvania: Forum Medicum Inc., 1989 (zit. Fleming & Snider, 2010)

+Hosea,T.M.

Gatt,C.J.

Back pain in golf

Clin Sports Med 15 (1996)37 – 53

Hosea,T.M.

Gatt,C.J., Galli,K.M., Langrana,N.A., Zawadsky,J.P.

Biomechanical analysis of the golfer's back.

In: Cochran,A.J. (ed.): Science and golf: Proceedings of the First World Scientific Congress of Golf. London, Human Kinetics, 1990, 43 – 8 (zit. Gluck et al., 2008)

Hosea,T.M.

Gatt,C.J., Gertner,E.

Biomechanical analysis of the golfer's back

In: Stover,C.N., McCaroll,J.R., Malon,W.J., eds.

Feeling up to par:medicine from tee to green.  
Philadelphia,PA, FA Davis Company, 1994, 97 – 108 (zit. Cole & Grimshaw, 2014)

+Hoskins,W.

Pollard;h.

Successful management of hamstring injuries in Australian Rules footballers: two case reports

Chiropr Osteopath 13 (2005)4

+Hoskins,W.

Pollard,H.

The effect of sports chiropractic manual therapy intervention on the prevention of back pain, hamstring and lower limb injuries in semi-elite Australian Rules footballers: a randomized controlled trial

BMC Musculoskeltal Disord 11 (2010)64

+Hoskins,W,

Pollard,H., Daff,C., Odell,A., Garbutt,P., McHardy,A., Hardy,K, Dragasevic,G.

Low back pain in junior Australian Rules football: a cross-sectional survey of elite juniors, non-elite juniors and non-football playing controls

BMC Musculoskeletal Disord 11 (2010)241

- +Hosokawa,T. Kato,K., Inoue,M., Mikami,A.  
Neurons in the macaque orbitofrontal cortex code relative preference of both rewarding and aversive outcomes  
Neurosci Res 57 (2007)434 – 45
- +Hossaini,M. Duraku,L.S., Sarac,C., Jongen,J.L.M., Holstege,J.C.  
Differential distribution of activated spinal neurons containing glycine and/or GABA and expressing c-fos in acute and chronic pain models  
Pain 151 (2010)256 - 65
- +Hou,S.-H. Tang,J.G., Chen,H.S., Chen,J.  
Chronic inflammation and compression of the dorsal root contribute to sciatica induced by the intervertebral disc herniations in rats  
Pain 105 (2003)255 – 64
- +Hou,Y. Luo,Z.  
A study on the structural properties of the lumbar endplate: histological structure, the effect of bone density, and spinal level  
Spine 34 (2009)E427 - 33
- +Houston,J.R. A study of subcutaneous rhizolysis in the treatment of chronic backache  
J R Coll Gen Pract 25 (1975)692 – 7
- +Hoving,J.L de Vet,H.C.W., Twisk,J.W.R., Deville,W.L.J.M., van der Windt,D., Koes,B., Bouter,L.M.  
Prognostic factors for neck pain in general practice  
Pain 110 (2004)639 – 45
- Howe,J.F. A neurophysiological basis for the radicular pain of nerve root compression  
In: Bonica,J. ed. Advances in Pain Research and Therapy, vol.3, New York, Raven Press, 1979,p. 647 – 57 (zit. Siemionow et al., 2006)
- +Howe,J.F. Loeser,J.D., Calvin,W.H.  
Mechanosensitivity of dorsal root ganglion an chronically injured axons: a physiological basis for the radicular pain of nerve root compression

- Pain 3 (1977)25 – 41
- +Howell,D. Musculoskeletal profile and incidence of musculoskeletal injuries in lightweight women rowers
- Am J Sports Med 12 (1984)278 – 81
- +Howell,J.D. The paradox of osteopathy
- N Engl J Med 341 (1999)1465 – 8
- +Hoy,D. Bain,C., Williams,G., March,L., Brooks,P., Blyth,F., Woolf,A., Vos,T., Buchbinder,R.
- A systematic review of the global prevalence of low back pain
- Arthritis Rheum 64 (2012)2028 – 37 doi.org/10.1002/art.34347
- +Hoy,D. Brooks,P., Blyth,F., Buchbinder,R.
- The epidemiology of low back pain
- Best Pract Res Clin Rheumatol 24 (2010)769 – 81
- +Hoyt,W.H. Hunt,H.H.,de Pauw,M.A., Bard,D., Shafer,F., Passias,J.N., Robbins, D.H., Runyon,D.G., Semrad,S.S., Symonds,J.T., Watt,K.C.
- Electromyographic assessment of chronic low-back pain syndrome
- JAOA 80 (1981)728 - 30
- +Hrycaj,P. Serotonin type 3 receptor antagonist tropistron in the treatment of chronic inflammatory rheumatic conditions – preliminary clinical experience
- Scand J Rheumatol Suppl 119 (2004)55 – 8
- +Hrycaj,P. Stratz,T., Mennet,P., Müller,W.
- Pathogenetic aspects of responsiveness to ondasetron (5-hydroxytryptamine type 3 receptor antagonist) in patients with primary fibromyalgia syndrome – a preliminary study
- J Rheumatol 23 (1996)1418 – 23
- +Hsieh,A.H. Hwang,D., Ryan,D.A., Freeman,A.K., Kim,H.
- Degenerative anular changes induced by puncture are associated with insufficiency of disc biomechanical function
- Spine 34 (2009)998 - 1005

- +Hsieh,C.J. Hong,C.Z., Adams,A., Platt,K.J., Danielson,C.D., Hoehler,F.K., Tobis,J.S.  
Interexaminer reliability of the palpation of trigger points in the trunk and lower limb  
Arch Phys Med Rehabil 91 (2000)258 - 64
- +Hsieh,C.J. Phillips,R.B., Adams,A.H., Pope,M.H.  
First prize: functional outcomes of low back pain: comparison of four treatment groups in a randomized controlled trial  
J Manipulative Physiol Ther 15 (1992)4 – 9
- +Hsieh,C.Y. Adams,A.H., Tobis,J., Hong,C.Z., Danielson,C., Platt,K., Hoehler,F., Reinsch,S., Rubel,A.  
Effectiveness of four conservative treatments for subacute low back pain. A randomized clinical trial  
Spine 27 (2002)1142 – 8
- +Hsieh,C.Y. Hong,C.Z., Adams,A., Platt,K.J., Danielson,C.D., Hoehler,F.K., Tobis,J.F.  
Interexaminer reliability of the palpation of trigger points in the trunk and lower limb muscles  
Arch Phys Med Rehabil 81 (2000)258 – 64
- +Hsieh,J.H. Wu,C.T., Lee,S.T.  
Cervical intradural disc herniation after spinal manipulation therapy in a patient with ossification of posterior longitudinal ligament: a case report and review of the literature  
Spine 35 (2010)E149 - 51
- +Hsieh,L.F. Hong,C., Chern,S.  
Efficacy and side effects of diclofenac patch in treatment of patients with myofascial pain syndromes of the upper trapezius  
J Pain Symptom Manag 39 (2010a)116 - 25
- +Hsieh,L.L. Kuo,C.H., Yen,M.F., Chen,T.H.  
A randomized controlled clinical trial for low back pain treated by acupressure and physical therapy  
Prev Med 39 (2004)168 – 76
- +Hsieh,L.L. Kuo,C.H., Lee,L.H., Yen,A.M., Chien,K.L., Chen,T.H.

Treatment of low back pain by acupressur and physical therapy: randomized controlled trial

Br Med J 332 (2006)696 – 700

+Hsieh,M.T.

Donaldson,L.F., Lumb,B.M.

Differential contributions of A- and C-nociceptors to primary and secondary inflammatory hypersensitivity in the rat

Pain 156 (2015)1074 - 83

+Hsieh,Y.L.

Kao,M.J., Kuan,T.S., Chen,S.M., VChen,J.T., Hong,C.Z.

Dry needling to a key myofascial Triggerpoint may reduce the irritability of satellite MTrPs

Am J Phys Med Rehabil 86 (2007)397 – 403

+Hsu,C.C.

Weng,C.S., Sun,M.F., Shyu,L.Y., Hu,W.C., Chang,Y.H.

Evaluation of scalp and auricular acupuncture on EEG, HRV, and PRV

Am J Chin Med 35 (2007)219 – 30

+Hsu,E.W.

Setton,L.A.

Diffusion tensor microscopy of the intervertebral disc anulus fibrosus

Magn Res Med 41 (1999)992 – 9

+Hsu,H.T.

Yue,C.T., Teng,M.S., Tzeng,I.S., Li,T.C., Tai,P.A., Huang,K.F., Chen,C.Y., Ko,Y.L.

Immunohistochemical score of matrix metalloprotease-1 may indicate the severity of symptomatic cervical and lumbar disc degeneration

Spine J 20 (2020)124 - 37

+Hsu,W.K.

Performance-based outcomes following lumbar discectomy in professional athletes in the national football league

Pain 35 (2010)1247 – 51

+Hsu,W.K.

McCarthy,C., Savage,J., Roberts,D., Roc,G., Micev,A., Trry,M., Gryzlo,T., Schafer,M.,

The professional athletes spine initiative (PASI): Outcomes after lumbar disc herniation in 349 elite professional athletes

Proceedings of the 25<sup>th</sup> annual meeting of the North American Spine Society, Orlando, FL, 2010

- Spine J 10 (2010)9S: 46S – 47S  
Clical study: Spine J 11 (2011)180 - 6
- +Hsu,Y.H.  
Li,H.H., Hsieh,M.Y., Liu,M.F., Huang,K.Y., Chin,L.S., Chen,P.C., Cheng,H.H., Chang,M.S.  
Function of interleukin-20 as proinflammatory molecule in rheumatoid and experimental arthritis  
Arthritis Rheum 54 (2006)2722 – 33
- +Hu,B.  
Doods,H., Treede,R.D., Ceci,A.  
Depression-like behaviour in rats with mononeuropathy is reduced by the CB2-selective agonist GW405833  
Pain 143 (2009)206 - 12
- +Hu,E.  
Calo,G., Guerrini,R., Ko,M.C.  
Long-lasting antinociceptive spinal effects in primates of the novel nociceptin/orphanin FQ receptor agonist UFP-112  
Pain 148 (2010)107 - 13
- +Hu,H.J.  
Carasquillo,Y., Karim,F., Jung,W.E., Nerbonne,J.M., Schwartz,T.L., Gereau,R.W.4<sup>th</sup>  
The kv4.2 potassium channel subunit is required for pain plasticity  
Neuron 50 (2006)89 – 100
- +Hu,H.T.  
Gao,H., Ma,R.J., Zhao,X.F., Tian,H.F., Li,L.  
Is dry needling effective for low back pain? A systematic review and PRISMA-compliant meta-analysis  
Medicine (Baltimore)97 (2018)26: e11225 (doi: 10.1097/MD.00000000000011225)
- +Hu,H.Y.  
Chen,L., Wu,C.Y., Chou,Y.J., Chen,R.C., Huang,N.  
Associations among low back pain, income, and body mass index in Taiwan  
Spine J 13 (2013)1521 - 6
- +Hu,M.H.  
Yang,K.C., Chen,Y.J., Sun,Y.H., Yang,S.H.  
Lovastatin prevents discography-associated degeneration and maintains the functional morphology of intervertebral discs  
Spine J 14 (2014a)2459 - 66

- Hu,S.J. -n-
- Chen,L.M., Liu,K.  
Membrane potential oscillations produce repetitive firing in neurons of the rat dorsal root ganglion  
*Chin J Neurosci* 4 (1997)11 – 5 (zit. Yang et al., 2009)
- +Hu,Y.
- Kwok,J.W., Tse,J.Y.K., Luk,K.D.K.  
Time-varying surface electromyography topography as a prognostic tool for chronic low back pain rehabilitation  
*Spine J* 14 (2014)1049 - 56
- +Hu,Y.
- Li,W., Lu,L., Cai,J., Xian,X., Zhang,M., Li,Q., Li,L.  
An anti-nociceptive Role for deftriaxon in chronic neuropathic pain in rats  
*Pain* 148 (2010)284 - 301
- +Huang,C.
- Zou,W., Lee,K., Wang,E., Zhu,X., Guo,Q.  
Different symptoms of neuropathic pain can be induced by different degrees of compressive force on the C7 dorsal root of rats  
*Spine J* 12 (2012a)1154 - 60
- +Huang,C.-Y.C.
- Yuan,T.Y., Jackson,A., Hazbun,J., Fraker,C., Gu,W.Y.  
Effects of low glucose concentrations on oxygen consumption rates of intervertebral disc cells  
*Spine* 32 (2007)2063 - 9
- (+)Huang,J.F.
- Zheng,X.Q., Chen,D., Lin,J.L., Zhou,W.X., Wang,H., Qin,Z., Wu,A.M.  
Can acupuncture improve chronic spinal pain? A systematic review and meta-analysis  
*Glob Spine J* (2020)1 – 18  
doi/10.1177/2192568220962440journals.sagepub.com/home/gsj
- +Huang,K.T.
- Adogwa,O., Babu,R., Lad,S.P., Bagley,C.A., Gottfried,C.N.  
Radiological evidence of spontaneous spinal arthrodesis in patients with lowerlumbar spondylolisthesis  
*Spine* 39 (2014)656 - 63
- +Huang,K.-Y.
- Yan,J.J., Hsieh,C.C., Chang,M.S., Lin,R.M:

The in vivo biological effects of intradiscal recombinant human bone morphogenetic protein-2 on the injured intervertebral disc

Spine 32 (2007)1174 - 80

+Huang,K-Y.

Lin,R.M., Chen,W.Y., Lee,C.L., Yan,J.J., Chang,M.S.

IL-20 may contribute to the pathogenesis of human intervertebral disc herniation

Spine 33 (2008)2034 - 40

+Huang,M.

Gene interaction affecting mechanosensory transduction in *Caenorhabditis elegans*

Nature 367 (1994)467 – 70

+Huang,N.K.

Tseng,C.J., Wong,C.S., Tung,C.S.

Effects of acute and chronic morphine on DOPAC and glutamate at subcortical DA terminals in awake rats

Pharmacol Biochem Behav 56 (1997)363 – 71

+Huang,P.P.

Khan,I., Suhail,M.S., Malkmus,S., Yaksh,T.L.

Spinal botulinum neurotoxin B: effects on afferent transmitter release and nociceptive processing

Plos One 6 (2011)e19126

+Huang,S.

Wakaizumi,K., Wu,B., Shen,B., Wu,B., Fan,L., Baliki,M.N., Zhan,G., Apkarian,V., Huang,L.

Whole-brain functional network disruption in chronic pain with disc herniation

Pain 160 (2019)2829 - 40

+Huang,Y.C.

Leung,V.Y.L., Lu,W.W., Luk,K.D.K.

The effect of microenvironment in mesenchymal stem cell-based regeneration of intervertebral disc

Spine J 13 (2013)352 - 62

+Huang,Z.J.

Li,H.C., Cowan,A.A., Liu,S., Zhang,Y.K., Song,X.J.

Chronic compression or dissociation of dorsal root ganglion induces cAMP-dependent neuronal hyperexcitability through activation of PAR2

- Pain 153 (2012)1426 - 37  
+Hubbard,D.R. Berkoff,G.M.  
Myofascial trigger points show spontaneous needle EMG activity
- Spine 18 (1993)1803 – 7  
+Huber,A. Lui,F., Porro,C.A.  
Hypnotic susceptibility modulates brain activity related to experimental placebo analgesia
- Pain 154 (2013)1509 - 18  
+Huber,A. Suman,A.L., Rendo,C.A., Biasi,G., Marcolongo,R., Carli,G.  
Dimensions of “unidimensional” ratings of pain and emotions in patients with chronic musculoskeletal pain
- Pain 130 (2007)216 - 24  
+Huber,J.D. Witt,K.A., Hom,S., Egleton,R.D., Mark,K.S., Davis,T.P.  
Inflammatory pain alters blood-brain barrier permeability and tight junctional protein expression
- Am J Physiol Heart Circ Physiol 280 (2001)1241 – 8  
+Huber,J.D. Campos,C.R., Mark,K.S., Davis,T.P.  
Alterations in blood-brain barrier ICAM-1 expression and microglial activation following lambda carrageenan induced inflammatory pain
- Am J Physiol Heart Circ Physiol 290 (2006)H 732 – 40  
+Hudak,P.L. Wright,J.G.  
The characteristics of patient satisfaction measures
- Spine 25 (2000)3167 – 77  
+Hudson,T. Painter,J.T., Martin,B.C., Austen,M.A., Williams,J.S., Fortney,J.C., Sullivan,M.D., Edlund,M.J.  
Pharmacoepidemiologic analyses of opioid use among OEF/OIF/OND veterans
- Pain 158 (2017)1039 - 45  
Hudson-Cook,N. et al A revised Oswestry disability questionnaire

In: Roland,M.O., Jenner,J.R.: Back pain: new approaches to rehabilitation and education; New York, Manchester University Press, 1989, p.187 – 204

-Huffman,K.L.

Shella,E.R., Sweis,G., Schmena,J., Cowington,E.C.

Nonopiod substance use disorders and opioid dose predict opioid addiction

J Pain 16 (2015)126 – 34 (zit. J Club Schmerzmed 4 (2015)92

+Huge,V.

Müller,E., Beyer,A., Kraft,E., Azad,S.C.

Patienten mit chronischen Schmerzsyndromen. Einfluss einer ambulanten individuellen Therapie auf Schmerzen und gesundheitsbezogene Lebensqualität

Schmerz 24 (2010)459 – 67

+Huge,V.

Schloderer,U., Steinberger,M., Wuenschmann,B., Schöps,P., Beyer,A., Azad,S.C.

Impact of a functinal restoration program on pain and health-related quality of life in patients with chronic low back pain

Pain Med 7 (2006)501 – 8

+Huggins,J.P.

Smart,T.S., Langman,S., Taylor,L., Young,T.

An efficient randomized, placebo-controlled clinical trial with the irreversible fatty acid amide hydrolase-1 inhibitor PF-04457845, which modulates endocannabinoids but fails to induce effective analgesia in patients with pain due to osteoarthritis of the knee

Pain 153 (2012)

+Hughes,S.

Hickey,L., Donaldson,L.F., Lumb,B.M., Pickering,A.E.

Intrathecal reboxetine suppresses evoked and ongoing neuropathic pain behaviours by restoring spinal noradrenergic inhibitory tone

Pain 156 (2015)328 - 34

+Hughson,R.L.

Shoemaker,J.K., Tschakovsky,M.E., Kowalchuk,J.M.

Dependence of muscle Vo<sub>2</sub> (oxygen uptake) on blood flow dynamics at onset of forearm exercise

J Appl Physiol 81 (1996)1619 – 24

+Huguenin,L.K.

Myofascial trigger points: the current evidence

Phys Ther Sports 5 (2004)2 – 12

- +Huijing,P.A. Die Muskeln als Verbundmaterial: Ein Überblick über die Kraftübertragung in Muskeln und Gliedmaßen  
Osteopathische Med 10 (2009)2: 4 - 21
- +Huijnen,I.P.J. Verbunt,J.A., Peters,M.L., Delespaul,P., Kindermans,H.P.J., Roelofs,J., Goossens,M., Seelen,H.A.M.  
Do depression and pain intensity interfere with physical activity in daily life in patients with chronic low back pain?  
Pain 150 (2010)161 - 6
- +Huijnen,I.P. Verbunt,J.A., Peters,M.I., Smeets,R.J., Kindermans,H.P., Roelofs,J., Goossens,M., Seelen,H.A.  
Differences in activity related behaviour among patients with chronic low back pain  
Eur J Pain 15 (2011)784 – 55
- +Hukkanen,M. Konttinen,Y.T., Rees,R.G., Santavirta,S., Terenghi,G., Polak,J.M.  
Distribution of nerve endings and sensory neuropeptides in rat synovium, meniscus and bone  
Int J Tissue React 14 (1992)1 - 10
- +Hulliger,M. The mammalian muscle spindle and its central control  
Rev Physiol Biochem Pharmacol 101 (1984)1 – 110 (zit. v.Heymann et al., 2005)
- +Hultman,G. Nordin,M., Saraste,H., Ohlsen,H.  
Body composition, endurance, strength, cross-sectional area, and density of MM erector spinae in men with and without low back pain  
J Spinal Disord 6 (1993)114 – 23
- +Humer,M. Kösters,A., Müller,E.  
Validität und Reliabilität der Rumpfkraft-Diagnostiksysteme IsoMed2000 Backmodul und Schnell m3 Diagnos+  
Sportverl Sportschad 23 (2009)69 - 74
- +Hung,M. Hon,S.D., Franklin,J.D., Kendall,R.W., Lawrence,B.D., Neese,A., Cheng,C., Brodke,D.S.  
Psychometric properties of the PROMIS physical function item bank in patients with spinal disorders

Spine 39 (2014)158 - 63

Hungerford,B. et al.

Alteration of sacroiliac joint motion patterns in subjects with pelvic motion asymmetry

In: Proceedings from the 4<sup>th</sup> World Interdisciplinary Congress on Low Back and Pelvic Pain. Montreal, 2001 (zit. Vleeming, 2005)

+Hungerford,B.

Gilleard,W., Hodges,P.

Evidence of altered lumbo-pelvic muscle recruitment in the presence of sacroiliac joint pain

Spine 15 (2003)1593 – 600

+Hunt,D.G.

Zuberbier,O.A., Kozlowski,A.J., Robinson,J., Berkowitz,J., Schultz,I.A., Milner,R.A., Crook,J.M., Turk,D.C.

Reliability of the lumbar flexion, lumbar extension, and passive straightleg raise test in normal populations embedded within a complete physical examination

Spine 26 (2001)2714 – 8

+Hunt,S.M.

McEwen,J., McKenna,S.P.

Measuring health status: a new tool for clinicians and epidemiologists

J R Coll Gen Pract 35 (1985)185 – 8

+Hunter,J.

Physical symptoms and signs amd chronic pain

Clin J Pain 17 (2001)S26 – 36

+Hüppe,A.

Müller,K., Raspe,H.

Is the occurence of low back pain in Germany decreasing?  
Two regional postalsurveys a decade apart

Eur J Public Health 17 (2007)318 – 22

+Hüppe,A.

Raspe,H.

Zur Wirksamkeit stationärer medizinischer Rehabilitation in Deutschland bei chronischen Rückenschmerzen: eine systematische Literaturübersicht

Rehabilitation (Stuttgart) 42 (2003)24 – 33

+Hüppe,A.

Raspe,H.

Konzepte und Modelle zur Chronifizierung von Rückenschmerzen

In: Hildebrandt,J., Müller,G., Pfingsten,M. (Hrsg.)  
Lendenwirbelsäule. Ursachen, Diagnostik und Therapie von  
Rückenschmerzen. Elsevier/Urban & Fischer, München 2005,  
S. 318 - 40

+Hüppe,A.

Raspe,H.

Zur Wirksamkeit von stationärer medizinischer Rehabilitation  
in Deutschland bei chronischen Rückenschmerzen:  
Aktualisierung und methodenkritische Diskussion einer  
Literaturübersicht

Rehabilitation 44 (2006) 24 - 33

+Hüppe,M.

Maier,C., Gockel,H., Zenz,M., Frettlöh,J.

Behandlungserfolg auch bei höherer Schmerzchronifizierung?  
Eine Auswertung des Mainzer Stadienmodells auf Basis der  
QUAST-Analysestichprobe

Schmerz 25 (2011)77 - 88

+Hou,F.Q.

Qu,C.L., Li,Y.Q., Tang,J.S., Jia,H.

GABAergic modulation is involved in the ventrolateral orbital  
cortex 5-HT1A receptor activation-induced antinociception in  
the rat

Pain 139 (2008)398 - 405

Huot,J.

Ephrin signaling in axon guidance

Prog Neuropsychopharmacol Biol Psychiatry 28 (2004)813 –  
8 (zit. Kobayashi,H. et al., 2007)

+Hurley,D.A.

Dusoir,T.E., McDonough,S.M., Moore,A.P., Linton,S.J.,  
Baxter,G., David,T.D.

Biopsychosocial screening questionnaire for patients with low  
back pain: preliminary report of utility in physiotherapy  
practice in Northern Ireland

Clin J Pain 16 (2000)214 – 28

+Hurley,D.A.

Dusoir,T.E., McDonough,S.M., Moore,A.P., Baxter,G.D.

How effective is the acute low back pain screening  
questionnaire for predicting 1- year follow-up in patients with  
low back pain

Clin J Pain 17 (2001)256 – 63

+Hurley,D.A.

McDonough,S.M., Baxter,G.D., Dempster,M., Moore,A.P.

A descriptive study of the usage of spinal manipulative therapy techniques within a randomized clinical trial in acute low back pain

Man Ther 10 (2005)61 – 7

+Hurley,D.A.

McDonough,S.M., Dempster,M., Moore,A.P., Baxter,G.D.

A randomized clinical trial of manipulative therapy and interferential therapy for acute low back pain

Spine J 6 (2006)131 -7

+Hurley,D.A.

Tully,M.A., Lonsdale,C., Boreham,C.A.G., van Mechelen,W., Daly,L.,Tynan,A., McDonough,S.M.

Supervised walking incomparison with fitness training for chronic back pain in physiotherapy: results of the SWIFT single-blinded randmized contolled trial (ISRCTN17592092)

Pain 156 (2015)131 - 47

+Hurri,H.

The Swedish back school in chronic low back pain. Part I: benefits

Scand J Rehabil Med 21 (1989)33 – 40

+Hurri,H.

Mellin,G., Korhonen,O., Harjula,R., Häkämä,K., Luoma,J.

Aerobic capacity among chronic low back pain patients

J Spinal Disord 4 (1991)34 – 8

+Hurwitz,E.L.

Commentary: Exercise and spinal manipulative therapy for chronic low back pain: time to callfor a moratorium on future randomized trials

Spine J 11 (2011)599 - 600

+Hurwitz,E.L.

Epidemiology: Spinal manipulation utilization

J Electromyogr Kinesiol 22 (2012)648 - 54

+Hurwitz,E.L.

Morgenstern,H., Harber,P., Kominski,G.F., Belin,T.R., Yu,F., Adams,A.H.

A randomized trial of medical care with and without physical therapy and chiropractic care with and without physical modalities for patients with low back pain: 6 month follow-up outcomes from the UCLA low back pain study

Spine 27 (2002)2193 – 204

+Hurwitz,E.L.

Morgenstern,H., Harber,P., Kominsky,G.F., Belin,T.R., Yu,F., Adams,A.H.

The effectiveness of physical modalities among low back pain patients randomized to chiropractic care: findings from the UCLA low back pain study

Eur J Chiropractic 49 (2002)102 – 3

+Hurwitz,E.L.

Morgenstern,H., Harber,P., Kominski,G.F., Belin,T.R., Yu,F., Adams,A.H.

A randomized trial of medical care with and without physical therapy and chiropractic care with and without physical modalities for patients with low back pain: 6-month follow-up outcomes from the UCLA low back pain study

Spine 27 (2002)2193 – 2204

+Hurwitz,E.L.

Morgenstern,H., Harber,P., Kominsky,G.F., Belin,T.R., Yu,F., Adams,A.H.

Second prize: the effectiveness of physical modalities among patients with low back pain randomized to chiropractic care: findings from the UCLA low back pain study

J Manipulative Physiol Ther 25 (2002)10 – 20

+Hurwitz,E.L.

Morgenstern,H., Vassilaki,M., Chiang,L.M.

Adverse reactions to chiropractic treatment and their effects on satisfaction and clinical outcomes among patients enrolled in the UCLA Neck Pain Study

J Manipulative Physiol Ther 27 (2004)16 – 25

+Hurwitz,E.L.

Morgenstern,H., Chiao,C.

Effects of recreational physical activity and back exercises on low back pain and psychological distress: findings from the UCLA Low Back Pain Study

Am J Public Health 95 (2005)1817 – 24 (zit. Mortimer et al., 2006)

+Hüser,J.

Möller,D., von Piekartz,H.

Langwierige Sprunggelenksverletzungen und Beckendysfunktionen

Manuelle Med 52 (2014)155 - 62

+Hush,J.M.

Low back pain: it is time to embrace complexity

Pain 161 (2020)2248 - 51

+Hush,J.M.

Refshauge,K., Sullivan,G., de Souza,L., Maher,C.G., McAuley,J.H.

- Recovery: what does this mean to patients with low back pain?  
Arthritis Rheum (Arthritis Care Res) 61 (2009)124 – 31
- Huskinson,E.C.  
Measurement of pain  
*Lancet* (1974)2:1127 – 31 (so zit. Enthoven et al., 2006)
- +Hussey,M.J.  
Clarke,G.D., Ledent,C., Hourani,S.M.O., Kitchen,I.  
Reduced response to the formalin test and lowered spinal NMDA glutamate receptor binding in adenosine A2A receptor knockout mice  
*Spine* 129 (2007)287 – 94
- +Hutcheon,B.  
Miura,R.M., Puil,E.  
Subthreshold membrane resonance in neocortical neurons  
*J Neurophysiol* 76 (1996)683 – 97
- Hüter-Becker,A.  
Schewe,H., Heipertz,W.  
Physiotherapie – Orthopädie  
Thieme, Stuttgart, 1998, S.434 (zit. Rohde, 2011)
- Hütte,A.  
Müller,K., Raspe,H.  
Ist the occurence of back pain in Germany decreasing? Two regional postal surveys a decade apart.  
*Eur J Public Health* 17 (2007)318 – 22 (zit. Hütte & Raspe, 2009)
- +Hütte,A.  
Raspe,H.  
Amplifizierte Rückenschmerzen und Komorbidität in der Bevölkerung  
*Schmerz* 23 (2009)275 - 83
- +Hutterer,C.  
Therapieoptionen bei Rückenschmerzen: Was hilft bei „Rücken“?  
*Dt Zschr Sportmed* 66 (2016)10 (1)
- Hüttner,M.  
Schwarting,U.  
Grundzüge der Marktforschung  
7.Aufl., München, Oldenburg – Verlag, 2002, 1 – 600 (zit. Röhrig et al., 2009)

- +Hutton,M.J. Bayer,J.H., Powell,J.M., Sharp,D.J.  
Modic vertebral body changes. The natural history as assessed by consecutive magnetic resonance imaging  
Spine 36 (2011)2304 - 7
- +Hutton,W.C. Stott,J.R.R., Cyron,B.M.  
Is spondylolysis a fatigue fracture?  
Spine 2 (1977)202
- +Hutton,W.C. Die auf ein lumbales Intervertebralgelenk einwirkenden Kräfte (Übersetzung aus J Man Med 5 (1990)66 – 7)  
Manuelle Med 30 (1990)5 - 7
- +Hutubessy,R.C. van Tulder,M.W., Vondeling,H., Bouter,L.M.  
Indirect costs of back pain in the Netherlands: a comparison of the human capital method with the friction cost method  
Pain 80 (1999)201 – 7
- (+)Huysmans,E. Ickmans,K., van Dyck,D., Nijs,J., Gidron,Y., Russel,N., Polli,A., Moens,M., Goudman,L.  
Association between symptoms of central sensitization and cognitive behavioural factors in people with chronic nonspecific low back pain: a cross-sectional study  
J Manipulat Physiol Ther 41 (2018)92 - 101  
doi.org/10.1016/j.jmpt.2017.08.007
- (+)Hwang,U.J. Kwon,O.Y., Jung,S.H., Ahn,S.H., Kim,H.A.  
Predictors of pain intensity and Oswestry Disability Index in prolonged standing service workers with nonspecific chronic low back pain subclassified as active extension pattern  
Musculoskel Sci Pract 40 (2019)58 – 64  
doi.org/10.1016/j.msksp.2019.01.014
- Hyman,S. Malenka,R.  
Addiction and the brain: the neurobiology of compulsion and its persistence  
Nat Rev Neurosci 2 (2001)695 – 703 (zit. Ballantyne & Sullivan, 2017)
- Hyman,S. Malenka,R., Nestler,E.J.

Neural mechanisms of addiction: the role of reward related learning and memory

Annu Rev Neurosci 29 (2006)565 – 98 (zit. Ballantyne & Sullivan, 2017)

-Hyun,J.K.

Lee,J.Y., Lee,S.J., Jeon,J.Y.

Asymmetric atrophy of multifidus muscle in patients with unilateral lumbosacral radiculopathy

Spine 32 (2007)E598 – E602