

# Concepts of Neuromusculoskeletal Manipulative Therapy (Year 2014-2015)

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## Essential reading (4 items)

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**Grieve's modern manual therapy: the vertebral column**, by Jeffrey D. Boyling; Gregory P. Grieve; Gwendolen A. Jull, 2004

[Book](#)

**The biomechanics of back pain**, by Michael A. Adams, 2013

[Book](#)

**Clinical anatomy of the lumbar spine and sacrum**, by Nikolai Bogduk, 2005

[Book](#) | OR

**Joint structure and function: a comprehensive analysis**, by Pamela K. Levangie; Cynthia C. Norkin; Pamela K. Levangie, c2011

[Book](#)

Section Note: Essential reading

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**The sensitive nervous system**, by David S. Butler; James Matheson, 2000

[Book](#)

**Topical issues in pain 2: biopsychosocial assessment and management**, by Louis Gifford; Physiotherapy Pain Association, 2000

[Book](#)

**Clinical reasoning in the health professions**, by Joy Higgs, 2008

[Book](#)

**Muscles: testing and function with posture and pain**, by Florence Peterson Kendall; Florence Peterson Kendall, c2005

[Book](#)

**Orthopedic physical assessment**, by David J. Magee, 2008

[Book](#)

**Maitland's peripheral manipulation**, by Elly Hengeveld; Kevin Banks, 2005

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**Maitland's vertebral manipulation**, by Geoff Maitland; Elly Hengeveld; Kevin Banks; Kay English, 2005

[Book](#)

**Joint structure and function: a comprehensive analysis**, by Pamela K. Levangie; Cynthia C. Norkin, 2011

[Book](#)

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**Anatomy and human movement: structure and function**, by Nigel Palastanga; Roger Soames, 2012

[Book](#)

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**Neuromusculoskeletal examination and assessment: a handbook for therapists**, by Nicola J. Petty, 2011

[Book](#)

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Section Note: Websites

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Reflective Practice

[Webpage](#)

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International Association for the Study of Pain

[Webpage](#)

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"World Health Organisation: International Classification of Functioning, Disability and Health"

[Webpage](#)

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Anatomy.tv

[Webpage](#)

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Tim Watson 2006 Soft Tissue Wound Healing Review

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Bodyinmind

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Section Note: Online Databases

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Pub Med

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Health on the Net - MedHunt

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PEDro

[Webpage](#)

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NHS Evidence

[Webpage](#)

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The Centre for Evidence Based Medicine

[Webpage](#)

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Section Note: Muscle Imbalance

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**Recruitment of the deep cervical flexor muscles during a postural-correction exercise performed in sitting** - in Manual Therapy, by Deborah Falla; Shaun O'Leary; Amy Fagan; Gwendolen Jull, 2007-5

[Article](#)

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**Multifidus size and symmetry among chronic LBP and healthy asymptomatic subjects** by Hides, Julie; Gilmore, Craig; Stanton, Warren; Bohlscheid, Emma.

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**Inefficient Muscular Stabilization of the Lumbar Spine Associated With Low Back Pain: A Motor Control Evaluation of Transversus Abdominis** - in Spine, by Paul Hodges; Carolyn A. Richardson, 1996

[Article](#)

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**Determining the stabilising role of individual torso muscles during exercise** - in Spine, by Natasa Kavcic, 2004-06

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**The pelvic girdle: an integration of clinical expertise and research**, by Diane Lee, 2011

[Book](#)

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**The lumbar multifidus: Does the evidence support clinical beliefs?** - in Manual Therapy, by David, G. MacDonald, 2006-11

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**(2005):242-255.**", by "O'Sullivan, P. ""Diagnosis and classification of chronic low back pain disorders: maladaptive movement and motor control impairments as underlying mechanism." Manual therapy 10.4

[Webpage](#)

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**Spine stability: The six blind men and the elephant** by Peter Reeves, N; Narendra, Kumpati S; Cholewicki, Jacek.

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**Rehabilitation of pelvic floor muscles utilizing trunk stabilization** - in Manual Therapy, by Ruth Sapsford, 2004-2

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**Diagnosis and treatment of movement impairment syndromes**, by Shirley Sahrmann, c2002

[Book](#)

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**The effect of musculoskeletal pain on motor activity and control** - in The Journal of Pain, by Michele Sterling; Gwendolen Jull; Anthony Wright, 2001-6

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**Abdominal and pelvic floor muscle function in women with and without long lasting pelvic girdle pain** - in Manual Therapy, by Brit Stuge, 2006-11

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**Motor control and the management of musculoskeletal dysfunction** - in Manual Therapy,

by Paulette M. van Vliet, 2006-8

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Section Note: Neurodynamics

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**Tissue pathophysiology, neuroplasticity and motor behavioural changes in painful repetitive motion injuries** - in Manual Therapy, by Ann, E. Barr, 2006-8

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**Mobilisation of the nervous system**, by David S. Butler; Mark A. Jones; Richard Gore, 1991

[Book](#)

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**Do ' sliders' slide and ' tensioners' tension? An analysis of neurodynamic techniques and considerations regarding their application** by Coppieters, Michel W; Butler, David S

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**In vivo study of nerve movement and mechanosensitivity of the median nerve in whiplash and non-specific arm pain patients** - in Pain, by Jane Greening; Andrew Dilley; Bruce Lynn, 2005-06

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**Adverse mechanical tension in the nervous system? Analysis of straight leg raise** - in Manual Therapy, by Toby Hall; Max Zusman; Robert Elvey, 1998-8

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**Clinical neurodynamics: a new system of musculoskeletal treatment**, by Michael O. Shacklock, 2005

[Book](#)

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**Neuronal intracellular transport and neurodegenerative disease** - in Neurology, by N. P. Staff; E. E. Benarroch; C. J. Klein, 2011-03-15

[Article](#) | original data: "Staff, N. et al (2011) 'Neuronal intracellular transport and neurodegenerative disease'. Neurology, 76(11), pp. 1015-1020."

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Section Note: Haemodynamics

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**Exercise induced leg pain in young athletes misdiagnosed as pain of musculo-skeletal origin** - in Manual Therapy, by A.J. Taylor; K.P. George, 2001-2

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**Grieve's modern manual therapy: the vertebral column**, by Jeffrey D. Boyling; Gregory P. Grieve; Gwendolen A. Jull, 2004

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**The sensitive nervous system**, by David S. Butler; James Matheson, 2000

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**Acute pain** - in The Lancet, by Daniel B Carr; Leonidas C Goudas, 1999-06

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**Topical issues in pain 1: whiplash**, by Louis Gifford; Physiotherapy Pain Association, 1998

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**Topical issues in pain 3: sympathetic nervous system and pain, pain management, clinical effectiveness**, by Louis Gifford; Physiotherapy Pain Association, 2002

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**Grieve's modern manual therapy: the vertebral column**, by Jeffrey D. Boyling; Gregory P. Grieve; Gwendolen A. Jull, 2004

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**Clinical reasoning and pain - in Manual Therapy**, by M. Jones, 1995-11

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**Pain management: practical applications of the biopsychosocial perspective in clinical and occupational settings**, by Chris J. Main; Michael J.L. Sullivan; Paul J. Watson, 2008

[Book](#)

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**Psychological aspects of pain - in Manual Therapy**, by C.J. Main; P.J. Watson, 1999-11

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**ABC of psychological medicine: Musculoskeletal pain - in BMJ**, by C. J Main, 2002-9-7

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**Reconceptualising pain according to modern pain science by GL Moseley**

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**Australian journal of physiotherapy**, by Australian Physiotherapy Association

[Book](#)

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**Clinical indicators of 'nociceptive', 'peripheral neuropathic' and 'central' mechanisms of musculoskeletal pain. A Delphi survey of expert clinicians** by Smart, Keith M; Blake, Catherine; Staines, Anthony; Doody, Catherine

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**Pain in practice: theory and treatment strategies for manual therapists**, by Hubert Van Griensven, 2005

[Book](#)

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**Central sensitization: Implications for the diagnosis and treatment of pain - in Pain**, by Clifford J. Woolf, 2011-03

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**Forebrain-mediated sensitization of central pain pathways: 'non-specific' pain and a new image for MT - in Manual Therapy**, by M. Zusman, 2002-05

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Section Note: Concepts of Manual Therapy

**Tendons in health and disease - in Manual Therapy**, by M. Benjamin; J.R. Ralphs, 1996-09

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The mechanisms of manual therapy in the treatment of musculoskeletal pain: A comprehensive model by Bialosky, Joel E; Bishop, Mark D; Price, Don D; Robinson, Michael E; George, Steven Z

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Manual of combined movements: their use in the examination and treatment of musculoskeletal vertebral column disorders, by B. C. Edwards, c1999

[Book](#)

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Clinical reasoning strategies in physical therapy - in Physical Therapy, by Edwards, I., 2004

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Grieve's modern manual therapy: the vertebral column, by Jeffrey D. Boyling; Gregory P. Grieve; Gwendolen A. Jull, 2004

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Red flags: a guide to identifying serious pathology of the spine, by Susan Greenhalgh; James Selfe, 2006

[Book](#)

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The effect of ergonomic intervention on neck/shoulder and low back pain by Grootenhuis, Wilhelmus Johannes Andreas; Mulder, Marie; Wiktorin, Christina

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The biomechanics of spinal manipulation by Herzog, Walter

[Journal](#)

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Conceptual models for implementing biopsychosocial theory in clinical practice - in Manual Therapy, by M. Jones; I. Edwards; L. Gifford, 2002-02

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Manual mobilization of the joints: joint examination and basic treatment : vol. 1 the extremities, by Freddy M. Kaltenborn; Olaf Evjenth, 2002

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The spine: basic evaluation and mobilization techniques, by Freddy M. Kaltenborn; Olaf Evjenth, 1993

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The physiology of the joints: vol. 1 : upper limb, by A.I. Kapandji, 2007

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The physiology of the joints: annotated diagrams of the mechanics of the human joints, by I. A. Kapandji, 1987

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The physiology of the joints: vol. 3, the spinal column, pelvic girdle and head, by A. I. Kapandji, 2008

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Maitland's vertebral manipulation, by Geoff Maitland; Elly Hengeveld; Kevin Banks; Kay

English, 2005

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**Spinal manipulative thrust technique using combined movement theory** - in Manual Therapy, by C.J. McCarthy, 2001-11

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**Manual therapy: NAGS, SNAGS, MWMS etc**, by Brian R. Mulligan, 2010

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**Linking health promotion with physiotherapy for low back pain: A review** - in Journal of Rehabilitation Medicine, by Perreault, K, 2008

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**The fascia: the forgotten structure** - in Italian Journal of Anatomy and Embryology, pp. ", 2011

[Article](#) | original data: "Stecco, C. et al (2011) 'The fascia: the forgotten structure'. Italian Journal of Anatomy and Embryology, 116(3), pp. 127-138."

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**Cervical mobilisation: concurrent effects on pain, sympathetic nervous system activity and motor activity** - in Manual Therapy, by M. Sterling; G. Jull; A. Wright, 2001-05

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**The effects of manual therapy on connective tissue** - in Physical therapy, by A Joseph Threlkeld, 1992

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**The Wound Healing Process: an Overview of the Cellular and Molecular Mechanisms** by Velnar, T; Bailey, T; Smrkolj, V.

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**Mulligan's mobilization-with-movement, positional faults and pain relief: Current concepts from a critical review of literature** by Vicenzino, Bill; Paungmali, Aatit; Teyls, Pamela

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**Hypoalgesia post-manipulative therapy: a review of a potential neurophysiological mechanism** - in Manual Therapy, by A. Wright, 1995-11

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**Irritability** - in Manual Therapy, by Max Zusman, 1998-11

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**Section Note: Lymphatic System**

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**Structure and function of the lymphatic system: an overview** by Ellis, Sandy

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**Lymphedema diagnosis and management** by Gary, Dayna E

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**Multifidus size and symmetry among chronic LBP and healthy asymptomatic subjects** - in

Manual Therapy, by Julie Hides; Craig Gilmore; Warren Stanton; Emma Bohlscheid, 2008-2

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