



de Fysiotherapeut

Nederlandse Vereniging voor Manuele Therapie

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Kort overzicht over recent wetenschappelijk onderzoek naar de effectiviteit van Manuele Therapie:

Ten aanzien van nekpijn:

- Boyles RE, Walker MJ, Young BA, Strunce J, Wainner RS. The addition of cervical thrust manipulations to a manual physical therapy approach in patients treated for mechanical neck pain: a secondary analysis. J Orthop Sports Phys Ther. 2012 Mar.
- Boyles, R., Toy, P., Mellon, Jr., Hayes, M., Hammer, B. Effectiveness of manual physical therapy in the treatment of cervical radiculopathy: a systematic review. Journal of Manual and Manipulative Therapy 2011; 19(3): 135-142.
- Bronfort G, Haas M, Evans RL, Bouter LM. Efficacy of spinal manipulation and mobilization for low back pain and neck pain: a systematic review and best evidence synthesis. Spine 2004 May-Jun.
- Cleland JA, Glynn P, Whitman JM, Eberhart SL, MacDonald C, Childs JD. Short-term effects of thrust versus nonthrust mobilization/manipulation directed at the thoracic spine in patients with neck pain: a randomized clinical trial. Phys Ther. 2007 Apr.
- Cross KM, Kuenze C, Grindstaff TL, Hertel J. Thoracic spine thrust manipulation improves pain, range of motion, and self-reported function in patients with mechanical neck pain: a systematic review. J Orthop Sports Phys Ther. 2011 Sep.

- D'Sylva J, Miller J, Gross A, Burnie SJ, Goldsmith CH, Graham N, Haines T, Bronfort G, Hoving JL. Manual therapy with or without physical medicine modalities for neck pain: a systematic review. *Man Ther.* 2012 Oct.
- Gonzalez-Iglesias J, Fernandez-de-las-Penas C, Cleland JA, Gutierrez-Vega M del R. Thoracic spine manipulation for the management of patients with neck pain: a randomized clinical trial. *J Orthop Sports Phys Ther.* 2009 Jan.
- Gross AR, Hoving JL, Haines TA, Goldsmith CH, Kay T, Aker P, Bronfort G. A Cochrane review of manipulation and mobilization for mechanical neck disorders. *Spine* 2004 Jul 15.
- Gross AR, Goldsmith C, Hoving JL, Haines T, Pelosos P, Aker P, Santaguida P, Myers C. Conservative management of mechanical neck disorders: a systematic review. *J Rheumatol.* 2007 May.
- Hoving JL, de Vet HC, Koes, BW, Mameren H, Deville WL, van der Windt DA, Assendelft WJ, Pool JJ, Scholten RJ, Korthals-de Bos IB, Bouter LM. Manual therapy, physical therapy, or continued care by the general practitioner for patients with neck pain: long-term results from a pragmatic randomized clinical trial. *Clin J Pain* 2006 May.
- Miller J, Gross A, D'Sylva J, Burnie SJ, Goldsmith CH, Graham N, Haines T, Bronfort G, Hoving JL. Manual therapy and exercise for neck pain: a systematic review. *Manual Ther.* 2012 Jun 1.
- Schellingerhout JM, Verhagen AP, Heymans MW, Pool JJ, Vonk F, Koes BW, de Vet. Which subgroups of patients with non-specific neck pain are more likely to benefit from spinal manipulation, physiotherapy, or usual care? *Pain.* 2008 Oct 31.
- Walker MJ, Boyles RE, Young BA, Strunce JB, Garber MB, Whitman JM, Deyle G, Wainner RS. The effectiveness of manual physical therapy and exercise for mechanical neck pain: a randomized clinical trial. *Spine* 2008 Oct.

Ten aanzien van lage rugpijn:

- Bronfort G, Haas M, Evans RL, Bouter LM. Efficacy of spinal manipulation and mobilization for low back pain and neck pain: a systematic review and best evidence synthesis. *Spine* 2004 May-Jun.
- Cherkin DC, Sherman KJ, Deyo RA, Shekelle PG. A review of the evidence for the effectiveness, safety, and spinal manipulation for back pain, *Ann Intern Med.* 2003 Jun 3.

- Cleland JA, Fritz JM, Kulig K, Davenport TE, Eberhart S, Magel J, Childs JD. Comparison of the effectiveness of three manual physical therapy techniques in a subgroup of patients with low back pain who satisfy a clinical prediction rule: a randomized clinical trial. *Spine* 2009. Dec.
- Fritz JM, Brennan GP, 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.* 2006. May-Jun.
- Slater SL, Ford JJ, Richards MC, Taylor NF, Surkitt, LD, Hahne AJ. The effectiveness of subgroup specific manual therapy for low back pain: a systematic review. *Man Ther.* 2012 Feb 29.
- Standaert CJ, Friedly J, Erwin MW, Lee MJ, Rehtine G, Henrikson NB, Norvell DC. Comparative effectiveness of exercise, acupuncture, and spinal manipulation for low back pain. *Spine* 2011 Oct 1.

- *Overig:*

Holt KR, Haavik H, Elley CR. The effects of manual therapy on balance and falls: a systematic review.

J Manipulative Physiol Ther. 2012 Feb 17.

Posadzki P, Ernst E. Spinal manipulation: an update of a systematic review of systematic reviews.

N Z Med J. 2011 Aug.

Kort overzicht van recent wetenschappelijk onderzoek naar complicaties als gevolg van manuele therapie.

Ernst E. Adverse effects of spinal manipulation: a systematic review. J R Soc Med. 2007 Jul.

Gouveia LO, Castanho P, Ferreira JJ. Safety of chiropractic interventions: a systematic review. Spine 2009 May.

Stevinson C, Ernst E. Risks associated with spinal manipulation. Am J Med. 2002 May.

Assendelft WJ, Bouter LM, Knipschild PG. Complications of spinal manipulation: a comprehensive review of the literature. J Fam Pract. 1996 May.

Oliphant D. Safety of spinal manipulation in the treatment of lumbar disk herniations: a systematic review and risk assessment. J Manipulative Physiol Ther. 2004 Mar-Apr.

Haldeman S, Kohlbeck FJ, McGregor M. Risk factors and precipitating neck movements causing vertebrobasilar artery dissection after cervical trauma and spinal manipulation. Spine 1999. Apr.

Hurwitz EL, Aker PD, Adams AH, Meeker WC, Shekelle PG. Manipulation and mobilization of the cervical spine. A systematic review of the literature. Spine 1996 Aug.

Mann T, Refshauge KM. Causes of complications from cervical spine manipulation. Aust J Physiother. 2001.

Haldeman S, Carey P, Townsend M, Papadopoulos C. Clinical perceptions of the risk of vertebral artery dissection after cervical manipulation: the effect of referral bias. Spine J. 2002 Sep-Oct.

Haldeman S, Kohlbeck FJ, McGregor M. Stroke, cerebral artery dissection, and cervical spine manipulation therapy. J Neurol. 2002.

Haldeman S, Kohlbeck FJ, McGregor M. Unpredictability of cerebrovascular ischemia associated with cervical spine manipulation therapy: a review of sixty-four cases after cervical spine manipulation.
Spine 2002. Jan.

Miley ML, Wellik KE, Wingerchuk DM, Demaerschalk BM. Does cervical manipulative therapy cause vertebral artery dissection and stroke?
Neurologist 2008. Jan.

Di Fabio RP, Manipulation of the cervical spine: risks and benefits. Phys Ther 1999. Jan.

Haldeman S, Carey P, Townsend M, Papadopoulos C. Clinical perceptions of the risk of vertebral artery dissection after cervical manipulation: the effect of referral bias. Spine J. 2002. Sep-Oct.

Dziewas R, Konrad C, Drager B, Evers S, Besselmann M, Ludemann P, Kuhlenbaumer G, Stogbauer F, Ringelstein EB. Cervical artery dissection – clinical features, risk factors, therapy and outcome in 126 patients. J Neurol. 2003 Oct.