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#### **Topics of Interest**

- Whiplash / Cervical Spine
- Manipulation
- Low Back Pain / Lumbar Spine
- Biomechanics
- · Sports Medicine
- Acupuncture
- Nutrition
- Radiology
- Miscellaneous

## WHIPLASH / CERVICAL SPINE

- 1. Association between a lifetime history of neck injury in a motor vehicle collision and future neck pain: a population-based cohort study. P Nolet, et al. <u>European Spine Journal</u> June 2010; 19(6): 972-981.
- 2. Assessment of patients with neck pain: a review of definitions, selection criteria, and measurement tools. V Misailidou, et al. <u>Journal of Chiropractic Medicine</u> June 2010; 9(2): 49-59.
- 3. Cognitive determinants of pain and disability in patients with chronic whiplash-associated disorder: a cross-sectional observational study. D Thompson, et al. Physiotherapy June 2010; 96(2): 151-159.
- 4. Prognosis of patients with nonspecific neck pain: development and external validation of a prediction rule for persistence of complaints. J Schellingerhout, et al. <a href="Spine">Spine</a> August 1, 2010; 35(17): e827-e835.
- 5. Compensation claim lodgement and health outcome developmental trajectories following whiplash injury: a prospective study. M Sterling, et al. <u>Pain</u> July 2010; 150(1): 22-28.
- 6. What Influences positive return to work expectation? Examining associated factors in a population-based cohort of whiplash-associated disorders. D Ozegovic, et al. <u>Spine</u> July 1, 2010; 35(15): e708-e713.

## **MANIPULATION**

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- 8. Manipulation or mobilisation for neck pain: a Cochrane Review. A Gross, et al. <u>Manual Therapy</u> August 2010; 15(4): 315-333.
- Immediate effects of a high-velocity spine manipulation in paraspinal muscles activity of nonspecific chronic low-back pain subjects. E Bicalho, et al. <u>Manual Therapy</u> October 2010; 15(5): 469-475.
- 10. Illustrating risk difference and number needed to treat from a randomized controlled trial of spinal manipulation for cervicogenic headache. M Haas, et al. <a href="Chiropractic & Osteopathy">Chiropractic & Osteopathy</a> May 24, 2010; 18(9): 8 pages.
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## LOW BACK PAIN / LUMBAR SPINE

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- 13. Application of a classification system and description of a combined manual therapy intervention: a case with low back related leg pain. S Petersen, et al. <u>Journal of Manual & Manipulative Therapy</u> June 2010; 18(2): 89-96.
- 14. Low back pain in primary care: costs of care and prediction of future healthcare utilization. A Becker, et al. <u>Spine</u> August 15, 2010; 35(18): 1714-1720.
- 15. Inflammatory response following a short-term course of chiropractic treatment in subjects with and without chronic low back pain. R Roy, et al. <u>Journal of Chiropractic Medicine</u> September 2010; 9(3): 107-114.
- 16. Validation of an adaption of the stress process model for predicting low back pain related long-term disability outcomes: a cohort study. M Truchon, et al. Spine June 1, 2010; 35(13): 1307-1315.
- 17. Synthesis of recommendations for the assessment and management of low back pain from recent clinical practice guidelines. S Dagenais, et al. <u>Spine Journal</u> June 2010; 10(6): 514-529.
- 18. Lumbar spine stability for subjects with and without low back pain during one-leg standing test. P Sung, et al. <u>Spine</u> July 15, 2010; 35(16): e753-760.
- 19. Role of physical exercise in low back pain rehabilitation: a randomized controlled trial of a three-month exercise program in patients who have completed multidisciplinary rehabilitation. Y Henchoz, et al. <u>Spine</u> May 20, 2010; 35(12): 1192-1199.

#### BIOMECHANICS

- 20. Muscle activity and acceleration during whole body vibration: effect of frequency and amplitude. R Pollock, et al. Clinical Biomechanics October 2010; 25(8): 840-846.
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- 23. Effect of lumbar lordotic angle on lumbosacral joint during isokinetic exercise: a simulation study. T Soo Bae, et al. Clinical Biomechanics August 2010; 25(7): 628-635.

## SPORTS MEDICINE

- 24. Management of the throwing shoulder: cuff, labrum and internal impingement. R Greiwe, et al. Orthopedic Clinics of North America July 2010; 41(3): 309-323.
- 25. Vitamin D and stress fracture: the contribution of vitamin D receptor gene polymorphisms. J McClung, et al. <u>Nutrition</u> Reviews June 2010; 68(6): 365-369.
- 26. Training affects knee kinematics and kinetics in cutting maneuvers in sport. J Cochrane, et al. Medicine & Science in Sports & Exercise August 2010; 42(8): 1535-1544.
- 27. Plyometric training versus resistive exercises after acute lateral ankle sprain. M Ismail, et al. <u>Foot & Ankle</u> International June 2010; 31(6): 523-530.
- 28. High school sports examination. B Waters Journal of Clinical Chiropractic Pediatrics June 2010; 11(1): 720-725.

### ACUPUNCTURE

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- 31. Cervical spondylosis treated by acupuncture at Ligou (LR 5) combined with movement therapy. L Ben-hua, et al. Journal of Traditional Chinese Medicine June 2010; 30(2): 113-121.
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- 33. Acupuncture in the treatment of pain in temporomandibular disorders: a systemic review and meta-analysis of randomized controlled trials. R La Touche, et al. <u>Clinical Journal of Pain July/August 2010</u>; 26(6): 541-550.
- 34. Acute effect of acupuncture on endothelial dysfunction in patients with hypertension: a pilot, randomized, double-blind, placebo-controlled crossover trial. J Park et al. <u>Journal of Alternative & Complementary Medicine</u> August 2010; 16(8): 883-868.

#### NUTRITION

- 35. Vitamin D: An essential requirement for a lifetime. M Morris, et al. <u>Nutritional Perspectives</u> July 2010; 33(3): 14-20.
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- 37. Green tea supplementation affects body weight, lipids, and lipid peroxidation in obese subjects with metabolic syndrome. A Basu, et al. Journal of the American College of Nutrition February 2010; 29(1): 31-40.
- 38. Snacking is associated with reduced risk of overweight and reduced abdominal obesity in adolescents: National Health and Nutrition Examination Survey (NHANES) 1999-2004. D Keast, et al. <u>American Journal of Clinical Nutrition</u> August 1, 2010; 92(2): 428-435.
- 39. Nutritional treatment for burns. A Gaby Integrative Medicine: A Clinician's Journal June/July 2010; 9(3): 46-50.

## RADIOLOGY

- 40. Three-dimensional dynamic in vivo motion of the cervical spine: assessment of measurement accuracy and preliminary findings. C McDonald, et al. Spine Journal June 2010; 10(6): 497-504.
- 41. Use of muscle functional magnetic resonance imaging to compare cervical flexor activity between patients with whiplash-associated disorders and people who are healthy. B Cagnie, et al. <a href="Physical Therapy">Physical Therapy</a> August 2010; 90(8): 1157-1164.
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- 44. Lumbar spine MRI for low back pain: indications and yield. B Roudsari, et al. <u>AJR: American Journal of Roentgenology</u> September 2010; 195(3): 550-559.

## MISCELLANEOUS

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- 49. Segmental percentage contributions of cervical spine during different motion ranges of flexion and extension. S Wu, et al. <u>Journal of Spinal Disorders & Techniques</u> June 2010; 23(4): 278-284.

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37 C.F.R. § 201.14