1. Khalsa, P.S., et al., *The 2005 conference on the biology of manual therapies*. J Manipulative Physiol Ther, 2006. 29(5): p. 341-6 **{D4610}**

- 2. Patel, S.N., et al., *Abdominal aortic aneurysm presenting as back pain to a chiropractic clinic: a case report.* J Manipulative Physiol Ther, 2006. 29(5): p. 409 e1-7 {D4621}
- 3. Kawchuk, G.N., et al., *The accuracy of ultrasonic indentation in detecting simulated bone displacement: a comparison of three techniques*. J Manipulative Physiol Ther, 2006. 29(2): p. 126-33 {D4576}
- 4. Rosenfeld, M., et al., Active involvement and intervention in patients exposed to whiplash trauma in automobile crashes reduces costs: a randomized, controlled clinical trial and health economic evaluation. Spine, 2006. 31(16): p. 1799-804 [D4939]
- 5. Aigner, N., et al., Adjuvant laser acupuncture in the treatment of whiplash injuries: a prospective, randomized placebo-controlled trial. Wien Klin Wochenschr, 2006. 118(3-4): p. 95-9 {D3193}
- 6. Hurwitz, E.L., et al., *Adverse reactions to chiropractic care in the UCLA Neck Pain Study*. J Manipulative Physiol Ther, 2006. 29(7): p. 597-8; author reply 598-9 **[D4649]**
- 7. Rosner, A.L., *Adverse reactions to chiropractic care in the UCLA neck pain study: a response.* J Manipulative Physiol Ther, 2006. 29(3): p. 248-51 {**D4597**}
- 8. Maak, T.G., et al., *Alar, transverse, and apical ligament strain due to head-turned rear impact.* Spine, 2006. 31(6): p. 632-8 **[D3089]**
- 9. Freeman, M.D., et al., "Alar, Transverse, and Apical Ligament Strain Due to Head-Turned Rear Impact" by Maak et al. Spine, 2006. 31(17): p. 2030; author reply 2030 {D4973}
- 10. Sundstrom, T., et al., Altered cerebral blood flow in chronic neck pain patients but not in whiplash patients: a 99mTc-HMPAO rCBF study. Eur Spine J, 2006. 15(8): p. 1189-95 {D3162}
- 11. Kumar, S., et al., *Analysis of right anterolateral impacts: the effect of trunk flexion on the cervical muscle whiplash response.* J Neuroeng Rehabil, 2006. 3: p. 10 {D2835}
- 12. Reindl, R., et al., *Anterior reduction for cervical spine dislocation*. Spine, 2006. 31(6): p. 648-52 **(D3085)**
- 13. Lawson, D.M., Applying generalizability theory to high-stakes objective structured clinical examinations in a naturalistic environment. J Manipulative Physiol Ther, 2006. 29(6): p. 463-7 {D4628}
- 14. Lawson, D.M., *Applying the item response theory to classroom examinations*. J Manipulative Physiol Ther, 2006. 29(5): p. 393-7 **[D4618]**
- 15. Ferrari, R., et al., Assessing whiplash recovery--the Whiplash Disability Questionnaire. Aust Fam Physician, 2006. 35(8): p. 653-4 {D4974}
- 16. Elklit, A., et al., *The association between anxiety and chronic pain after whiplash injury: gender-specific effects.* Clin J Pain, 2006. 22(5): p. 487-90 **[D4979]**
- 17. Flynn, T.W., et al., *The audible pop from high-velocity thrust manipulation and outcome in individuals with low back pain*. J Manipulative Physiol Ther, 2006. 29(1): p. 40-5 {D4563}
- 18. Blouin, J.S., et al., Auditory startle alters the response of human subjects exposed to a single whiplash-like perturbation. Spine, 2006. 31(2): p. 146-54 {D2969}
- 19. Ferrari, R., Auditory symptoms in whiplash patients could earwax occlusion be a benign cause? Aust Fam Physician, 2006. 35(5): p. 367-8 {D3156}
- 20. Adam, C.J., et al., *Automatic measurement of vertebral rotation in idiopathic scoliosis*. Spine, 2006. 31(3): p. E80-3 **[D3049]**
- 21. Sterling, M., *Balancing the 'bio' with the psychosocial in whiplash associated disorders*. Man Ther, 2006. 11(3): p. 180-1 **{D3124}**
- 22. Cramer, G., et al., *Basic science research related to chiropractic spinal adjusting: the state of the art and recommendations revisited.* J Manipulative Physiol Ther, 2006. 29(9): p. 726-61 {D4665}
- 23. Evans, D.W., et al., *A biomechanical model for mechanically efficient cavitation production during spinal manipulation: prethrust position and the neutral zone*. J Manipulative Physiol Ther, 2006. 29(1): p. 72-82 {D3048}
- 24. Jahn, W.T., et al., *The Bournemouth Questionnaire: can it be used to monitor and predict treatment outcome in chiropractic patients with persistent low back pain?* J Manipulative Physiol Ther, 2006. 29(2): p. 179 {D4585}
- 25. Buitenhuis, J., et al., *Can kinesiophobia predict the duration of neck symptoms in acute whiplash?* Clin J Pain, 2006. 22(3): p. 272-7 **{D3103}**

26. Injeyan, H.S., et al., *Canadian chiropractors' perception of educational preparation to counsel patients on immunization*. J Manipulative Physiol Ther, 2006. 29(8): p. 643-50 {D4655}

- 27. Rowell, R.M., et al., A case report of an unstable cervical spine fracture: parallels to the thoracolumbar chance fracture. J Manipulative Physiol Ther, 2006. 29(7): p. 586-9 {D4646}
- 28. Bilir, A., et al., *Cauda equina syndrome after epidural steroid injection: a case report.*J Manipulative Physiol Ther, 2006. 29(6): p. 492 e1-3 {D4633}
- 29. Kier, A.L., et al., *Cerebrovascular accident without chiropractic manipulation: a case report.* J Manipulative Physiol Ther, 2006. 29(4): p. 330-5 {D4608}
- 30. Takemoto, M., et al., *Cervical dystonia induced by cervical spine surgery: a case report.* Spine, 2006. 31(1): p. E31-4 {D2990}
- 31. Murphy, D.R., et al., *Cervical epidural abscess in an afebrile patient: a case report.* J Manipulative Physiol Ther, 2006. 29(8): p. 672-5 {**D4658**}
- 32. Dvir, Z., et al., Cervical motion in patients with chronic disorders of the cervical spine: a reproducibility study. Spine, 2006. 31(13): p. E394-9 {D4991}
- 33. Prushansky, T., et al., *Cervical radiofrequency neurotomy in patients with chronic whiplash: a study of multiple outcome measures*. J Neurosurg Spine, 2006. 4(5): p. 365-73 {D3174}
- 34. Endo, K., et al., *Cervical vertigo and dizziness after whiplash injury*. Eur Spine J, 2006. 15(6): p. 886-90 {D4977}
- 35. Knox, J.J., et al., Changes in head and neck position have a greater effect on elbow joint position sense in people with whiplash-associated disorders. Clin J Pain, 2006. 22(6): p. 512-8 {D4956}
- 36. Murata, Y., et al., Changes in pain behavior and histologic changes caused by application of tumor necrosis factor-alpha to the dorsal root ganglion in rats. Spine, 2006. 31(5): p. 530-5 {D3075}
- 37. Voerman, G.E., et al., Changes in pain, disability, and muscle activation patterns in chronic whiplash patients after ambulant myofeedback training. Clin J Pain, 2006. 22(7): p. 656-63 {D4920}
- 38. Excoffon, S.G., et al., *Chiropractic and rehabilitative management of a patient with progressive lumbar disk injury, spondylolisthesis, and spondyloptosis*. J Manipulative Physiol Ther, 2006. 29(1): p. 66-71 **[D4568]**
- 39. Haas, M., et al., *Chiropractic clinical research: progress and recommendations*. J Manipulative Physiol Ther, 2006. 29(9): p. 695-706 {D4663}
- 40. Dunn, A.S., et al., Chiropractic consultation requests in the Veterans Affairs Health Care System: demographic characteristics of the initial 100 patients at the Western New York medical center. J Manipulative Physiol Ther, 2006. 29(6): p. 448-54 [D4626]
- 41. Jamison, J.R., et al., *Chiropractic management of cow's milk protein intolerance in infants with sleep dysfunction syndrome: a therapeutic trial.* J Manipulative Physiol Ther, 2006. 29(6): p. 469-74 **{D4630}**
- 42. Dimmick, K.R., et al., *Chiropractic manipulation affects the difference between arterial systolic blood pressures on the left and right in normotensive subjects.* J Manipulative Physiol Ther, 2006. 29(1): p. 46-50 {D4564}
- 43. Santilli, V., et al., Chiropractic manipulation in the treatment of acute back pain and sciatica with disc protrusion: a randomized double-blind clinical trial of active and simulated spinal manipulations. Spine J, 2006. 6(2): p. 131-7 {D3129}
- 44. Sorensen, L.P., et al., *Chiropractic patients in Denmark 2002: an expanded description and comparison with 1999 survey*. J Manipulative Physiol Ther, 2006. 29(6): p. 419-24 {D4623}
- 45. Aspegren, D., et al., *Chiropractic treatment of a patient with progressive lumbar disk injury, spondylolisthesis, and spondyloptosis*. J Manipulative Physiol Ther, 2006. 29(8): p. 686; author reply 687 **{D4661}**
- 46. Hoskins, W., et al., *Chiropractic treatment of lower extremity conditions: a literature review.* J Manipulative Physiol Ther, 2006. 29(8): p. 658-71 {D4657}
- 47. Gaumer, G., et al., *Chiropractic users and nonusers: differences in use, attitudes, and willingness to use nonmedical doctors for primary care*. J Manipulative Physiol Ther, 2006. 29(7): p. 529-39 {D4639}
- 48. Homola, S., *Chiropractic: history and overview of theories and methods*. Clin Orthop Relat Res, 2006. 444: p. 236-42 **{D3106}**
- 49. Shearer, H.M., et al., *Chiropractors' perceptions about intimate partner violence: a cross-sectional survey.* J Manipulative Physiol Ther, 2006. 29(5): p. 386-92 {D4617}

50. Leclerc, A., et al., *Chronic back problems among persons 30 to 64 years old in France*. Spine, 2006. 31(4): p. 479-84 **[D3056]**

- 51. Guez, M., et al., *Chronic low back pain in individuals with chronic neck pain of traumatic and non-traumatic origin: a population-based study*. Acta Orthop, 2006. 77(1): p. 132-7 **[D3092]**
- 52. May, S., Classification by McKenzie mechanical syndromes: a survey of McKenzie-trained faculty. J Manipulative Physiol Ther, 2006. 29(8): p. 637-42 {D4654}
- 53. Mellick, G.A., et al., *Clinical presentation, quantitative sensory testing, and therapy of* 2 patients with fourth thoracic syndrome. J Manipulative Physiol Ther, 2006. 29(5): p. 403-8 {D4620}
- 54. Schneider, M.J., et al., Commentary: differential diagnosis of fibromyalgia syndrome: proposal of a model and algorithm for patients presenting with the primary symptom of chronic widespread pain. J Manipulative Physiol Ther, 2006. 29(6): p. 493-501 {D4634}
- 55. Mestan, M.A., et al., Commentary: establishing an accredited master of science in diagnostic imaging degree at a chiropractic college. J Manipulative Physiol Ther, 2006. 29(5): p. 410-3 {D4622}
- 56. Lawrence, D.J., et al., Commentary: the National Workshop to Develop the Chiropractic Research Agenda: 10 years on, a new set of white papers. J Manipulative Physiol Ther, 2006. 29(9): p. 690-4 {D4662}
- 57. Hurwitz, E.L., et al., A comparative analysis of chiropractic and general practitioner patients in North America: findings from the joint Canada/United States Survey of Health, 2002-03. BMC Health Serv Res, 2006. 6: p. 49 {D3157}
- 58. Pesco, M.S., et al., Comparative study of hands-on therapy with active exercises vs education with active exercises for the management of upper back pain. J Manipulative Physiol Ther, 2006. 29(3): p. 228-35 {D4594}
- 59. Hawk, C., et al., Comparison of bioenergetic synchronization technique and customary chiropractic care for older adults with chronic musculoskeletal pain. J Manipulative Physiol Ther, 2006. 29(7): p. 540-9 {D4640}
- 60. Yoshida, M., et al., Comparison of the anatomical risk for vertebral artery injury associated with the C2-pedicle screw and atlantoaxial transarticular screw. Spine, 2006. 31(15): p. E513-7 {D4919}
- 61. Dehner, C., et al., Comparison of the relative benefits of 2 versus 10 days of soft collar cervical immobilization after acute whiplash injury. Arch Phys Med Rehabil, 2006. 87(11): p. 1423-7 {D4993}
- 62. Coe, J.D., et al., Complications in spinal fusion for adolescent idiopathic scoliosis in the new millennium. A report of the Scoliosis Research Society Morbidity and Mortality Committee. Spine, 2006. 31(3): p. 345-9 {D3053}
- 63. Stokes, I.A., et al., Computer-assisted algorithms improve reliability of King classification and Cobb angle measurement of scoliosis. Spine, 2006. 31(6): p. 665-70 {D3083}
- 64. Wyatt, L.H., Conservative chiropractic management of recalcitrant foot pain after fasciotomy: a retrospective case review. J Manipulative Physiol Ther, 2006. 29(5): p. 398-402 {D4619}
- 65. Wong, K.W., et al., *Continuous dynamic spinal motion analysis*. Spine, 2006. 31(4): p. 414-9 {D3062}
- 66. Larsen, K., et al., *Coping and back problems: a prospective observational study of Danish military recruits.* J Manipulative Physiol Ther, 2006. 29(8): p. 619-25 **[D4652]**
- 67. Cook, C., et al., *Coupling behavior of the cervical spine: a systematic review of the literature.* J Manipulative Physiol Ther, 2006. 29(7): p. 570-5 {D4643}
- 68. Hestback, L., et al., *The course of low back pain from adolescence to adulthood:* eight-year follow-up of 9600 twins. Spine, 2006. 31(4): p. 468-72 {D3057}
- 69. Cummins, J., et al., Descriptive epidemiology and prior healthcare utilization of patients in the Spine Patient Outcomes Research Trial's (SPORT) three observational cohorts: disc herniation, spinal stenosis, and degenerative spondylolisthesis. Spine, 2006. 31(7): p. 806-14 {D3186}
- 70. Videman, T., et al., *Determinants of the progression in lumbar degeneration: a 5-year follow-up study of adult male monozygotic twins*. Spine, 2006. 31(6): p. 671-8 **[D3082]**
- 71. Waddington, G., et al., *Development of a hand dynamometer for the control of manually applied forces*. J Manipulative Physiol Ther, 2006. 29(4): p. 297-304 {D4604}
- 72. Mayrand, N., et al., *Diagnosis and management of posttraumatic piriformis syndrome: a case study*. J Manipulative Physiol Ther, 2006. 29(6): p. 486-91 **[D4632]**

73. Sherman, K.J., et al., *The diagnosis and treatment of chronic back pain by acupuncturists, chiropractors, and massage therapists*. Clin J Pain, 2006. 22(3): p. 227-34 {D3160}

- 74. Dankaerts, W., et al., Differences in sitting postures are associated with nonspecific chronic low back pain disorders when patients are subclassified. Spine, 2006. 31(6): p. 698-704 {D3079}
- 75. Roy, R.A., et al., *Digitized infrared segmental thermometry: time requirements for stable recordings*. J Manipulative Physiol Ther, 2006. 29(6): p. 468 e1-10 {**D4629**}
- 76. Cook, C.E., et al., Dimensionality, internal consistency, and item analysis of the National Health and Nutrition Examination Surveys activities of daily living instrument among patients with report of low back pain. J Manipulative Physiol Ther, 2006. 29(3): p. 183-9 {D4586}
- 77. Cox, J.M., *Distraction manipulation of the lumbar spine: a review of the literature*. J Manipulative Physiol Ther, 2006. 29(1): p. 89-90; author reply 90 **(D4571)**
- 78. Ekvall Hansson, E., et al., *Dizziness among patients with whiplash-associated disorder:* a randomized controlled trial. J Rehabil Med, 2006. 38(6): p. 387-90 {D4989}
- 79. Drake, J.D., et al., *Do exercise balls provide a training advantage for trunk extensor exercises? A biomechanical evaluation*. J Manipulative Physiol Ther, 2006. 29(5): p. 354-62 **{D4612}**
- 80. Smeets, R.J., et al., *Do patients with chronic low back pain have a lower level of aerobic fitness than healthy controls?: are pain, disability, fear of injury, working status, or level of leisure time activity associated with the difference in aerobic fitness level?* Spine, 2006. 31(1): p. 90-7; discussion 98 **[D2992]**
- 81. Busanich, B.M., et al., *Does McKenzie therapy improve outcomes for back pain?* J Athl Train, 2006. 41(1): p. 117-9 {D3165}
- 82. Panjabi, M.M., et al., *Dynamic intervertebral foramen narrowing during simulated rear impact*. Spine, 2006. 31(5): p. E128-34 {D3068}
- 83. Schnake, K.J., et al., *Dynamic stabilization in addition to decompression for lumbar spinal stenosis with degenerative spondylolisthesis*. Spine, 2006. 31(4): p. 442-9 **[D3059]**
- 84. Scholten-Peeters, G.G., et al., Education by general practitioners or education and exercises by physiotherapists for patients with whiplash-associated disorders? A randomized clinical trial. Spine, 2006. 31(7): p. 723-31 {D3187}
- 85. Kumar, S., et al., *The effect of a 3-point harness restraint and car seat in whiplash-type lateral impacts*. Spine, 2006. 31(1): p. E11-8 **{D2980}**
- 86. Nelson, K.E., et al., *The effect of an alternative medical procedure upon low-frequency oscillations in cutaneous blood flow velocity*. J Manipulative Physiol Ther, 2006. 29(8): p. 626-36 {D4653}
- 87. Smith, D.L., et al., *The effect of chiropractic adjustments on movement time: a pilot study using Fitts Law.* J Manipulative Physiol Ther, 2006. 29(4): p. 257-66 **[D4599]**
- 88. Zhang, J., et al., *Effect of chiropractic care on heart rate variability and pain in a multisite clinical study*. J Manipulative Physiol Ther, 2006. 29(4): p. 267-74 {D4600}
- 89. Nederhand, M.J., et al., *The effect of fear of movement on muscle activation in posttraumatic neck pain disability*. Clin J Pain, 2006. 22(6): p. 519-25 **[D4948]**
- 90. Ivancic, P.C., et al., *Effect of rotated head posture on dynamic vertebral artery elongation during simulated rear impact*. Clin Biomech (Bristol, Avon), 2006. 21(3): p. 213-20 {D3102}
- 91. Marshall, P., et al., *The effect of sacroiliac joint manipulation on feed-forward activation times of the deep abdominal musculature*. J Manipulative Physiol Ther, 2006. 29(3): p. 196-202 **{D4588}**
- 92. Kumar, S., et al., *The effect of seat belt use on the cervical electromyogram response to whiplash-type impacts*. J Manipulative Physiol Ther, 2006. 29(2): p. 115-25 **[D4575]**
- 93. George, J.W., et al., *The effects of active release technique on hamstring flexibility: a pilot study*. J Manipulative Physiol Ther, 2006. 29(3): p. 224-7 {**D4593**}
- 94. Miyamoto, H., et al., Effects of cyclic mechanical stress on the production of inflammatory agents by nucleus pulposus and anulus fibrosus derived cells in vitro. Spine, 2006. 31(1): p. 4-9 {D2997}
- 95. Al-Eisa, E., et al., *Effects of pelvic asymmetry and low back pain on trunk kinematics during sitting: a comparison with standing.* Spine, 2006. 31(5): p. E135-43 **[D3067]**
- 96. Al-Eisa, E., et al., Effects of pelvic skeletal asymmetry on trunk movement: three-dimensional analysis in healthy individuals versus patients with mechanical low back pain. Spine, 2006. 31(3): p. E71-9 {D3050}

97. Barker, P.J., et al., Effects of tensioning the lumbar fasciae on segmental stiffness during flexion and extension: Young Investigator Award winner. Spine, 2006. 31(4): p. 397-405 [D3063]

- 98. Budgell, B., et al., *The effects of thoracic manipulation on heart rate variability: a controlled crossover trial.* J Manipulative Physiol Ther, 2006. 29(8): p. 603-10 **{D4650}**
- 99. Triano, J.J., et al., *Effects of visual feedback on manipulation performance and patient ratings*. J Manipulative Physiol Ther, 2006. 29(5): p. 378-85 **[D4616]**
- 100. Beyerman, K.L., et al., Efficacy of treating low back pain and dysfunction secondary to osteoarthritis: chiropractic care compared with moist heat alone. J Manipulative Physiol Ther, 2006. 29(2): p. 107-14 {D4574}
- 101. Triano, J.J., et al., *The efficiency of multiple impulse therapy for musculoskeletal complaints*. J Manipulative Physiol Ther, 2006. 29(6): p. 502; author reply 502-3 **[D4635]**
- 102. Collins, D.L., et al., *The efficiency of multiple impulse therapy for musculoskeletal complaints*. J Manipulative Physiol Ther, 2006. 29(2): p. 162 e1-162 e9 **[D4582]**
- 103. Shields, R.K., et al., *Electrically induced muscle contractions influence bone density decline after spinal cord injury*. Spine, 2006. 31(5): p. 548-53 **[D3074]**
- 104. Conable, K., et al., *Electromyogram and force patterns in variably timed manual muscle testing of the middle deltoid muscle*. J Manipulative Physiol Ther, 2006. 29(4): p. 305-14 {**D4605**}
- 105. Fryer, G., et al., *The electromyographic activity of thoracic paraspinal muscles identified as abnormal with palpation*. J Manipulative Physiol Ther, 2006. 29(6): p. 437-47 **[D4625]**
- 106. Lensgraf, A.G., et al., *Ependymoma of the spinal cord presenting in a chiropractic practice: 2 case studies.* J Manipulative Physiol Ther, 2006. 29(8): p. 676-81 **{D4659}**
- 107. Verhagen, A.P., et al., *Ergonomic and physiotherapeutic interventions for treating* work-related complaints of the arm, neck or shoulder in adults. Cochrane Database Syst Rev, 2006. 3: p. CD003471 {D5104}
- 108. Rubinstein, S.M., et al., An etiologic model to help explain the pathogenesis of cervical artery dissection: implications for cervical manipulation. J Manipulative Physiol Ther, 2006. 29(4): p. 336-8 {D4609}
- 109. Marshall, P.W., et al., *Evaluation of functional and neuromuscular changes after exercise rehabilitation for low back pain using a Swiss ball: a pilot study.* J Manipulative Physiol Ther, 2006. 29(7): p. 550-60 **{D4641}**
- 110. Fritz, J.M., et al., An examination of the reliability of a classification algorithm for subgrouping patients with low back pain. Spine, 2006. 31(1): p. 77-82 {D2993}
- 111. Gaumer, G., Factors associated with patient satisfaction with chiropractic care: survey and review of the literature. J Manipulative Physiol Ther, 2006. 29(6): p. 455-62 {D4627}
- 112. Holm, L.W., et al., *Factors influencing neck pain intensity in whiplash-associated disorders*. Spine, 2006. 31(4): p. E98-104 {D3055}
- 113. Lankester, B.J., et al., Factors predicting outcome after whiplash injury in subjects pursuing litigation. Eur Spine J, 2006. 15(6): p. 902-7 {D4952}
- 114. Ferrario, V.F., et al., *Fatigue in the sternocleidomastoid muscle and hip dysplasia: a surface electromyographic assessment in adult women*. J Manipulative Physiol Ther, 2006. 29(4): p. 275-8 {D4601}
- 115. Elliott, J., et al., Fatty infiltration in the cervical extensor muscles in persistent whiplash-associated disorders: a magnetic resonance imaging analysis. Spine, 2006. 31(22): p. E847-55 {D4978}
- 116. Swinkels-Meewisse, I.E., et al., Fear of movement/(re)injury predicting chronic disabling low back pain: a prospective inception cohort study. Spine, 2006. 31(6): p. 658-64 {D3084}
- 117. Nguyen, H.T., et al., *First rib fracture of unknown etiology: a case report.* J Manipulative Physiol Ther, 2006. 29(7): p. 590-4 {D4647}
- 118. Carroll, L.J., et al., *Frequency, timing, and course of depressive symptomatology after whiplash*. Spine, 2006. 31(16): p. E551-6 **{D4996}**
- 119. Jonasson, A.K., et al., *Gastroesophageal reflux disease in an 8-year-old boy: a case study*. J Manipulative Physiol Ther, 2006. 29(3): p. 245-7 {D4596}
- 120. Nijs, J., et al., *Generalized joint hypermobility is more common in chronic fatigue syndrome than in healthy control subjects*. J Manipulative Physiol Ther, 2006. 29(1): p. 32-9 **[D4562]**
- 121. Freeman, M.D., et al., *Greater injury leads to more treatment for whiplash: no surprises here*. Arch Intern Med, 2006. 166(11): p. 1238-9; author reply 1239-40 **[D4972]**

122. Feipel, V., et al., *Head repositioning accuracy in patients with whiplash-associated disorders*. Spine, 2006. 31(2): p. E51-8 **{D2970}**

- 123. Owens, E.F., Jr., et al., *Head repositioning errors in normal student volunteers: a possible tool to assess the neck's neuromuscular system*. Chiropr Osteopat, 2006. 14: p. 5 {D3100}
- 124. Tominaga, Y., et al., *Head-turned rear impact causing dynamic cervical intervertebral* foramen narrowing: implications for ganglion and nerve root injury. J Neurosurg Spine, 2006. 4(5): p. 380-7 {D4925}
- 125. Mootz, R.D., et al., *Health services research related to chiropractic: review and recommendations for research prioritization by the chiropractic profession*. J Manipulative Physiol Ther, 2006. 29(9): p. 707-25 **{D4664}**
- 126. DeVocht, J.W., *History and overview of theories and methods of chiropractic: a counterpoint*. Clin Orthop Relat Res, 2006. 444: p. 243-9 {D3105}
- 127. Brennan, G.P., et al., *Identifying subgroups of patients with acute/subacute*"nonspecific" low back pain: results of a randomized clinical trial. Spine, 2006. 31(6):
 p. 623-31 {D3090}
- 128. Rix, G.D., et al., *Idiopathic neuralgic amyotrophy: an illustrative case report.* J Manipulative Physiol Ther, 2006. 29(1): p. 52-9 **[D4566]**
- 129. Page, S.A., et al., *Immunization and the chiropractor-patient interaction: a Western canadian study*. J Manipulative Physiol Ther, 2006. 29(2): p. 156-61 **[D4581]**
- 130. Palmgren, P.J., et al., *Improvement after chiropractic care in cervicocephalic kinesthetic sensibility and subjective pain intensity in patients with nontraumatic chronic neck pain*. J Manipulative Physiol Ther, 2006. 29(2): p. 100-6 {D4573}
- 131. Murphy, A.Y., et al., *Inconsistent grading of evidence across countries: a review of low back pain guidelines*. J Manipulative Physiol Ther, 2006. 29(7): p. 576-81, 581 e1-2 {D4644}
- 132. Berglund, A., et al., The influence of prognostic factors on neck pain intensity, disability, anxiety and depression over a 2-year period in subjects with acute whiplash injury. Pain, 2006. 125(3): p. 244-56 {D5004}
- 133. Kettler, A., et al., Influence of the crash pulse shape on the peak loading and the injury tolerance levels of the neck in in vitro low-speed side-collisions. J Biomech, 2006. 39(2): p. 323-9 {D2352}
- 134. Michaud, T.C., et al., *The influence of two different types of foot orthoses on first metatarsophalangeal joint kinematics during gait in a single subject*. J Manipulative Physiol Ther, 2006. 29(1): p. 60-5 {D4567}
- 135. van der Wurff, P., et al., *Intensity mapping of pain referral areas in sacroiliac joint pain patients*. J Manipulative Physiol Ther, 2006. 29(3): p. 190-5 **[D4587]**
- 136. Montfoort, I., et al., *Interaction between ocular stabilization reflexes in patients with whiplash injury*. Invest Ophthalmol Vis Sci, 2006. 47(7): p. 2881-4 {D4950}
- 137. Murphy, D.R., et al., *Interexaminer reliability of the hip extension test for suspected impaired motor control of the lumbar spine*. J Manipulative Physiol Ther, 2006. 29(5): p. 374-7 {D4615}
- 138. Tamaki, T., et al., *Internal carotid artery stenosis due to atherosclerotic plaque damage after whiplash injury*. J Nippon Med Sch, 2006. 73(3): p. 154-7 **{D4927}**
- 139. Haldeman, S., et al., *The International Conference on Chiropractic Research:* promoting excellence in chiropractic research worldwide. J Manipulative Physiol Ther, 2006. 29(1): p. 1-3 {D2978}
- 140. Brismee, J.M., et al., *Interrater reliability of a passive physiological intervertebral motion test in the mid-thoracic spine*. J Manipulative Physiol Ther, 2006. 29(5): p. 368-73 **[D4614]**
- 141. Knutson, G.A., *Intracranial hypotension causing headache and neck pain: a case study.* J Manipulative Physiol Ther, 2006. 29(8): p. 682-4 **{D4660}**
- 142. Potter, L., et al., *Intraexaminer reliability of identifying a dysfunctional segment in the thoracic and lumbar spine*. J Manipulative Physiol Ther, 2006. 29(3): p. 203-7 **[D4589]**
- 143. Croft, A.C., *Is high-utilization chiropractic treatment efficacious in whiplash?* Arch Intern Med, 2006. 166(11): p. 1237-8; author reply 1239-40 {**D4994**}
- 144. Okuda, T., et al., *Knee joint position sense in compressive myelopathy*. Spine, 2006. 31(4): p. 459-62 **[D3058]**
- 145. Descarreaux, M., et al., Learning spinal manipulation: the importance of augmented feedback relating to various kinetic parameters. Spine J, 2006. 6(2): p. 138-45 {D3128}

146. Pransky, G.S., et al., Length of disability prognosis in acute occupational low back pain: development and testing of a practical approach. Spine, 2006. 31(6): p. 690-7 {D3080}

- 147. Carragee, E.J., et al., Low-pressure positive Discography in subjects asymptomatic of significant low back pain illness. Spine, 2006. 31(5): p. 505-9 {D3077}
- 148. Krakenes, J., et al., Magnetic resonance imaging assessment of craniovertebral ligaments and membranes after whiplash trauma. Spine, 2006. 31(24): p. 2820-6 {D4954}
- 149. Murphy, D.R., et al., *Manipulation in the presence of cervical spinal cord compression: a case series.* J Manipulative Physiol Ther, 2006. 29(3): p. 236-44 {D4595}
- 150. Stochkendahl, M.J., et al., *Manual examination of the spine: a systematic critical literature review of reproducibility*. J Manipulative Physiol Ther, 2006. 29(6): p. 475-85, 485 e1-10 {D4631}
- 151. Snodgrass, S.J., et al., *Manual forces applied during posterior-to-anterior spinal mobilization: a review of the evidence*. J Manipulative Physiol Ther, 2006. 29(4): p. 316-29 **[D4607]**
- 152. Chin, K.R., et al., *Mastication causing segmental spinal motion in common cervical orthoses*. Spine, 2006. 31(4): p. 430-4 {D3060}
- 153. Bono, C.M., et al., *Measurement techniques for lower cervical spine injuries:* consensus statement of the Spine Trauma Study Group. Spine, 2006. 31(5): p. 603-9 {D3069}
- 154. Takahashi, I., et al., *Mechanical load of the lumbar spine during forward bending motion of the trunk-a biomechanical study*. Spine, 2006. 31(1): p. 18-23 **[D2995]**
- 155. Graham, N., et al., *Mechanical traction for mechanical neck disorders: a systematic review.* J Rehabil Med, 2006. 38(3): p. 145-52 {**D4968**}
- 156. Johnson, C., *Modernized Chiropractic reconsidered: beyond foot-on-hose and bones-out-of-place*. J Manipulative Physiol Ther, 2006. 29(4): p. 253-4 **[D4598]**
- 157. Hansen, B.E., et al., *Motion palpation of the lumbar spine--a problem with the test or the tester?* J Manipulative Physiol Ther, 2006. 29(3): p. 208-12 {D4590}
- 158. Kaapa, E.H., et al., Multidisciplinary group rehabilitation versus individual physiotherapy for chronic nonspecific low back pain: a randomized trial. Spine, 2006. 31(4): p. 371-6 {D3066}
- 159. Panjabi, M.M., et al., *Multiplanar cervical spine injury due to head-turned rear impact*. Spine, 2006. 31(4): p. 420-9 **[D3061]**
- 160. Tominaga, Y., et al., *Neck ligament strength is decreased following whiplash trauma*. BMC Musculoskelet Disord, 2006. 7: p. 103 **{D4924}**
- 161. Haefeli, M., et al., Nonoperative treatment for adolescent idiopathic scoliosis: a 10- to 60-year follow-up with special reference to health-related quality of life. Spine, 2006. 31(3): p. 355-66; discussion 367 {D3051}
- 162. Murphy, D.R., et al., A nonsurgical approach to the management of patients with cervical radiculopathy: a prospective observational cohort study. J Manipulative Physiol Ther, 2006. 29(4): p. 279-87 {D4602}
- 163. Murata, Y., et al., *Nucleus pulposus-induced apoptosis in dorsal root ganglion* following experimental disc herniation in rats. Spine, 2006. 31(4): p. 382-90 {D3064}
- 164. Kumar, S., et al., An observational electromyography study of the effect of trunk flexion in low-velocity frontal whiplash-type impacts. Arch Phys Med Rehabil, 2006. 87(4): p. 496-503 {D3096}
- 165. Andersen, M.O., et al., *Outcome at 10 years after treatment for adolescent idiopathic scoliosis*. Spine, 2006. 31(3): p. 350-4 {D3052}
- 166. Vernon, H., et al., *The outcome of control groups in clinical trials of conservative treatments for chronic mechanical neck pain: a systematic review.* BMC Musculoskelet Disord, 2006. 7: p. 58 **[D4921]**
- 167. Nicassio, P.M., *Pain coping and recovery from whiplash: new data on an important problem.* Pain, 2006. 124(1-2): p. 3-4 {D4947}
- 168. Cavanaugh, J.M., et al., *Pain generation in lumbar and cervical facet joints*. J Bone Joint Surg Am, 2006. 88 Suppl 2: p. 63-7 **{D3166}**
- 169. Pickar, J.G., et al., *Paraspinal muscle spindle responses to the duration of a spinal manipulation under force control.* J Manipulative Physiol Ther, 2006. 29(1): p. 22-31 {D4561}
- 170. Smith, K.M., et al., *Passenger seating position and the risk of passenger death in traffic crashes: a matched cohort study.* Inj Prev, 2006. 12(2): p. 83-6 {D3195}

171. Prushansky, T., et al., *Performance of cervical motion in chronic whiplash patients* and healthy subjects: the case of atypical patients. Spine, 2006. 31(1): p. 37-43 {D2979}

- 172. Sterling, M., et al., *Physical and psychological factors maintain long-term predictive capacity post-whiplash injury*. Pain, 2006. 122(1-2): p. 102-8 **{D3126}**
- 173. Vassiliou, T., et al., *Physical therapy and active exercises--an adequate treatment for prevention of late whiplash syndrome? Randomized controlled trial in 200 patients*. Pain, 2006. 124(1-2): p. 69-76 {D3181}
- 174. Hillermann, B., et al., A pilot study comparing the effects of spinal manipulative therapy with those of extra-spinal manipulative therapy on quadriceps muscle strength. J Manipulative Physiol Ther, 2006. 29(2): p. 145-9 {D4579}
- 175. Evans, J.M., et al., *Pilot study of patient response to multiple impulse therapy for musculoskeletal complaints*. J Manipulative Physiol Ther, 2006. 29(1): p. 51 e1-51 e7 {D4565}
- 176. Ursprung, W.M., et al., *Plain film radiography, pregnancy, and therapeutic abortion revisited.* J Manipulative Physiol Ther, 2006. 29(1): p. 83-7 {D4570}
- 177. Zaproudina, N., et al., *Plantar infrared thermography measurements and low back pain intensity*. J Manipulative Physiol Ther, 2006. 29(3): p. 219-23 **[D4592]**
- 178. Bono, C.M., *Point of view: pain and disc degeneration: a possible link derived from basic science*. Spine, 2006. 31(1): p. 10 {D2996}
- 179. Lim, K.L., et al., A population-based analysis of healthcare utilization of persons with back disorders: results from the Canadian Community Health Survey 2000-2001. Spine, 2006. 31(2): p. 212-8 {D2968}
- 180. Peng, B., et al., *Possible pathogenesis of painful intervertebral disc degeneration*. Spine, 2006. 31(5): p. 560-6 **[D3072]**
- 181. Raffo, C.S., et al., *Predicting morbidity and mortality of lumbar spine arthrodesis in patients in their ninth decade.* Spine, 2006. 31(1): p. 99-103 **[D2991]**
- 182. Boldin, C., et al., *Predicting neurologic recovery in cervical spinal cord injury with postoperative MR imaging*. Spine, 2006. 31(5): p. 554-9 **[D3073]**
- 183. Sandlund, J., et al., *Predictive and discriminative value of shoulder proprioception tests* for patients with whiplash-associated disorders. J Rehabil Med, 2006. 38(1): p. 44-9 {D3120}
- 184. Lawson, D.M., et al., *Predictors of performance of students from the Canadian Memorial Chiropractic College on the licensure examinations of the Canadian Chiropractic Examining Board*. J Manipulative Physiol Ther, 2006. 29(7): p. 566-9 {D4642a}
- 185. Lawson, D.M., et al., *The presence and impact of local item dependence on objective structured clinical examinations scores and the potential use of the polytomous, many-facet Rasch model.* J Manipulative Physiol Ther, 2006. 29(8): p. 651-7 **[D4656]**
- 186. Sibbritt, D., et al., A profile of middle-aged women who consult a chiropractor or osteopath: findings from a survey of 11,143 Australian women. J Manipulative Physiol Ther, 2006. 29(5): p. 349-53 {D4611}
- 187. Dufton, J.A., et al., *Prognostic factors associated with minimal improvement following acute whiplash-associated disorders*. Spine, 2006. 31(20): p. E759-65; discussion E766 {D4992}
- 188. Oliveira, A., et al., A psycho-educational video used in the emergency department provides effective treatment for whiplash injuries. Spine, 2006. 31(15): p. 1652-7 {D4945}
- 189. Vibert, N., et al., *Psychophysiological correlates of the inter-individual variability of head movement control in seated humans*. Gait Posture, 2006. 23(3): p. 355-63 **[D2784]**
- 190. Sullivan, M.J., et al., A psychosocial risk factor--targeted intervention for the prevention of chronic pain and disability following whiplash injury. Phys Ther, 2006. 86(1): p. 8-18 {D4928}
- 191. Singh, A., et al., Quality of life assessment using the Short Form-12 (SF-12) questionnaire in patients with cervical spondylotic myelopathy: comparison with SF-36. Spine, 2006. 31(6): p. 639-43 {D3086}
- 192. Hossu, M., et al., Quantum events of biophoton emission associated with complementary and alternative medicine therapies: a descriptive pilot study. J Altern Complement Med, 2006. 12(2): p. 119-24 {D3114}
- 193. Hurwitz, E.L., et al., A randomized trial of chiropractic and medical care for patients with low back pain: eighteen-month follow-up outcomes from the UCLA low back pain study. Spine, 2006. 31(6): p. 611-21; discussion 622 {D3091}

194. Giles, L.G., Re: Hurwitz EL, Morgenstern H, Vassilaki M, Chiang L-M. Frequency and clinical predictors of adverse reactions to chiropractic care in the UCLA neck pain study. Spine 2005;30: 1477-84. Spine, 2006. 31(2): p. 250-1; author reply 251 {D2964}

- 195. Sterling, M., et al., The relationship between sensory and sympathetic nervous system changes and posttraumatic stress reaction following whiplash injury--a prospective study. J Psychosom Res, 2006. 60(4): p. 387-93 {D3119}
- 196. Treleaven, J., et al., *The relationship of cervical joint position error to balance and eye movement disturbances in persistent whiplash*. Man Ther, 2006. 11(2): p. 99-106 {D4923}
- 197. Cleland, J.A., et al., The reliability and construct validity of the Neck Disability Index and patient specific functional scale in patients with cervical radiculopathy. Spine, 2006. 31(5): p. 598-602 {D3070}
- 198. Olson, L.E., et al., *Reliability of a clinical test for deep cervical flexor endurance*. J Manipulative Physiol Ther, 2006. 29(2): p. 134-8 {D4577}
- 199. Johnson, C., *Repetitive*, *duplicate*, *and redundant publications: a review for authors and readers*. J Manipulative Physiol Ther, 2006. 29(7): p. 505-9 {D4636}
- 200. Hoppenbrouwers, M., et al., *Reproducibility of the measurement of active and passive cervical range of motion*. J Manipulative Physiol Ther, 2006. 29(5): p. 363-7 {D4613}
- 201. Mrozek, J.P., et al., *Research in chiropractic education: an update*. J Manipulative Physiol Ther, 2006. 29(9): p. 762-73 **{D4666}**
- 202. Fogeltanz, K.A., et al., *Retropharyngeal abscess presenting as benign neck pain*. J Manipulative Physiol Ther, 2006. 29(2): p. 174-8 **{D4584}**
- 203. Timgren, J., et al., Reversible pelvic asymmetry: an overlooked syndrome manifesting as scoliosis, apparent leg-length difference, and neurologic symptoms. J Manipulative Physiol Ther, 2006. 29(7): p. 561-5 {D4642}
- 204. Bifero, A.E., et al., *The role of chiropractic adjusting tables as reservoirs for microbial diseases*. Am J Infect Control, 2006. 34(3): p. 155-7 **{D3155}**
- 205. Carroll, L.J., et al., *The role of pain coping strategies in prognosis after whiplash injury: passive coping predicts slowed recovery.* Pain, 2006. 124(1-2): p. 18-26 **{D3183}**
- 206. Hernandez, I.A., et al., *The role of sternocleidomastoid muscle in simulated low velocity rear-end impacts*. Eur Spine J, 2006. 15(6): p. 876-85 {D4964}
- 207. Hanley, M.A., et al., Self-reported treatments used for lower-limb phantom pain: descriptive findings. Arch Phys Med Rehabil, 2006. 87(2): p. 270-7 {D3097}
- 208. Citak-Karakaya, I., et al., Short and long-term results of connective tissue manipulation and combined ultrasound therapy in patients with fibromyalgia. J Manipulative Physiol Ther, 2006. 29(7): p. 524-8 {D4638}
- 209. Finckh, A., et al., Short-term efficacy of intravenous pulse glucocorticoids in acute discogenic sciatica. A randomized controlled trial. Spine, 2006. 31(4): p. 377-81 [D3065]
- 210. Womersley, L., et al., *Sitting posture of subjects with postural backache*. J Manipulative Physiol Ther, 2006. 29(3): p. 213-8 {**D4591**}
- 211. Kaila-Kangas, L., et al., Sleep disturbances as predictors of hospitalization for back disorders-a 28-year follow-up of industrial employees. Spine, 2006. 31(1): p. 51-6 {D2994}
- 212. Eichenberger, U., et al., Sonographic visualization and ultrasound-guided block of the third occipital nerve: prospective for a new method to diagnose C2-C3 zygapophysial joint pain. Anesthesiology, 2006. 104(2): p. 303-8 {D4990}
- 213. Ivancic, P.C., et al., *Spinal canal narrowing during simulated frontal impact*. Eur Spine J, 2006. 15(6): p. 891-901 **(D4960)**
- 214. Whedon, J.M., et al., Spinal epidural hematoma after spinal manipulative therapy in a patient undergoing anticoagulant therapy: a case report. J Manipulative Physiol Ther, 2006. 29(7): p. 582-5 {D4645}
- 215. Proctor, M.L., et al., *Spinal manipulation for primary and secondary dysmenorrhoea*. Cochrane Database Syst Rev, 2006. 3: p. CD002119 **{D5101}**
- 216. Song, X.J., et al., *Spinal manipulation reduces pain and hyperalgesia after lumbar intervertebral foramen inflammation in the rat.* J Manipulative Physiol Ther, 2006. 29(1): p. 5-13 {D4559
- 217. Teodorczyk-Injeyan, J.A., et al., *Spinal manipulative therapy reduces inflammatory cytokines but not substance P production in normal subjects*. J Manipulative Physiol Ther, 2006. 29(1): p. 14-21 **{D4560}**

218. Danielsson, A.J., et al., Spinal range of motion, muscle endurance, and back pain and function at least 20 years after fusion or brace treatment for adolescent idiopathic scoliosis: a case-control study. Spine, 2006. 31(3): p. 275-83 {D3054}

- 219. Stemper, B.D., et al., *Stabilizing effect of precontracted neck musculature in whiplash*. Spine, 2006. 31(20): p. E733-8 {**D4932**}
- 220. Blouin, J.S., et al., *Startle responses elicited by whiplash perturbations*. J Physiol, 2006. 573(Pt 3): p. 857-67 **{D5002}**
- 221. Haun, D.W., et al., Stress-induced spiculated periosteal reaction appearing as a malignant bone tumor: a case report. J Manipulative Physiol Ther, 2006. 29(7): p. 595 e1-5 {D4648}
- 222. Wettstein, M., et al., *Symptomatic herniation pit of the femoral neck: a case report.* J Manipulative Physiol Ther, 2006. 29(1): p. 88; author reply 88-9 **[D4780]**
- 223. Haneline, M.T., Symptomatic outcomes and perceived satisfaction levels of chiropractic patients with a primary diagnosis involving acute neck pain. J Manipulative Physiol Ther, 2006. 29(4): p. 288-96 {D4603}
- 224. McNeely, M.L., et al., A systematic review of the effectiveness of physical therapy interventions for temporomandibular disorders. Phys Ther, 2006. 86(5): p. 710-25 {D3184}
- 225. Jamison, J.R., *Teaching diagnostic decision making: student evaluation of a diagnosis unit.* J Manipulative Physiol Ther, 2006. 29(4): p. 315 e1-9 {D4606}
- 226. Lee, K.E., et al., Tensile cervical facet capsule ligament mechanics: failure and subfailure responses in the rat. J Biomech, 2006. 39(7): p. 1256-64 {D2840}
- 227. Keller, T.S., et al., *Three-dimensional vertebral motions produced by mechanical force spinal manipulation*. J Manipulative Physiol Ther, 2006. 29(6): p. 425-36 {D4624}
- 228. Takahashi, N., et al., *TNF-alpha and phosphorylation of ERK in DRG and spinal cord:* insights into mechanisms of sciatica. Spine, 2006. 31(5): p. 523-9 {D3076}
- 229. Poussa, M., et al., *Treatment of severe spondylolisthesis in adolescence with reduction or fusion in situ: long-term clinical, radiologic, and functional outcome*. Spine, 2006. 31(5): p. 583-90; discussion 591-2 {D3071}
- 230. Slade, S.C., et al., *Trunk-strengthening exercises for chronic low back pain: a systematic review.* J Manipulative Physiol Ther, 2006. 29(2): p. 163-73 **[D4583]**
- 231. Wasiak, R., et al., *Utilization and costs of chiropractic care for work-related low back injuries: do payment policies make a difference?* Spine J, 2006. 6(2): p. 146-53 **[D3127]**
- 232. Roy, R., et al., *Validity of infrared thermal measurements of segmental paraspinal skin surface temperature*. J Manipulative Physiol Ther, 2006. 29(2): p. 150-5 **{D4580}**
- 233. Kawchuk, G.N., et al., *Variability of force magnitude and force duration in manual and instrument-based manipulation techniques*. J Manipulative Physiol Ther, 2006. 29(8): p. 611-8 {D4651}
- 234. Lefebvre, R., et al., Vastus medialis: anatomical and functional considerations and implications based upon human and cadaveric studies. J Manipulative Physiol Ther, 2006. 29(2): p. 139-44 {D4578}
- 235. Tuo, K.S., et al., *Vestibular rehabilitation in a patient with whiplash-associated disorders*. J Chin Med Assoc, 2006. 69(12): p. 591-5 **[D4922]**
- 236. Niere, K., *The Whiplash Disability Questionnaire (WDQ)*. Aust J Physiother, 2006. 52(2): p. 151 {**D4946**}
- 237. Storaci, R., et al., Whiplash injury and oculomotor dysfunctions: clinical-posturographic correlations. Eur Spine J, 2006. 15(12): p. 1811-6 {D3112}
- 238. Turner, J.A., et al., Worker recovery expectations and fear-avoidance predict work disability in a population-based workers' compensation back pain sample. Spine, 2006. 31(6): p. 682-9 [D3081]
- 239. Holm, S.M., et al., *Work-related injuries of doctors of chiropractic in the United States*. J Manipulative Physiol Ther, 2006. 29(7): p. 518-23 {D4637}
- 240. Greening, J., Workshop: clinical implications for clinicians treating patients with non-specific arm pain, whiplash and carpal tunnel syndrome. Man Ther, 2006. 11(3): p. 171-2 {D3178}