1. Crawford, C.M., et al., *Abdominal aortic aneurysm: an illustrated narrative review*. J Manipulative Physiol Ther, 2003. 26(3): p. 184-95 **{D2164}**

- 2. Coppieters, M.W., et al., Aberrant protective force generation during neural provocation testing and the effect of treatment in patients with neurogenic cervicobrachial pain. J Manipulative Physiol Ther, 2003. 26(2): p. 99-106 [D2156]
- 3. Boswell, M.V., et al., Accuracy of precision diagnostic blocks in the diagnosis of chronic spinal pain of facet or zygapophysial joint origin. Pain Physician, 2003. 6(4): p. 449-56 {D2912}
- 4. Rosenfeld, M., et al., Active intervention in patients with whiplash-associated disorders improves long-term prognosis: a randomized controlled clinical trial. Spine, 2003. 28(22): p. 2491-8 {D1173}
- 5. Stewart, M.J., et al., Advice or exercise for chronic whiplash disorders? Design of a randomized controlled trial. BMC Musculoskelet Disord, 2003. 4: p. 18 {D1288}
- 6. Kumar, S., et al., *Analysis of low velocity frontal impacts*. Clin Biomech (Bristol, Avon), 2003. 18(8): p. 694-703 **[D1662]**
- 7. Yoganandan, N., et al., *Anatomic study of the morphology of human cervical facet joint*. Spine, 2003. 28(20): p. 2317-23 **[D1171]**
- 8. Manchikanti, L., et al., Are diagnostic lumbar medial branch blocks valid? Results of 2-year follow-up. Pain Physician, 2003. 6(2): p. 147-53 {D2898}
- 9. Sheir-Neiss, G.I., et al., *The association of backpack use and back pain in adolescents*. Spine, 2003. 28(9): p. 922-30 {D1119}
- 10. Videman, T., et al., *Associations between back pain history and lumbar MRI findings*. Spine, 2003. 28(6): p. 582-8 {D1111}
- 11. Siegmund, G.P., et al., Awareness affects the response of human subjects exposed to a single whiplash-like perturbation. Spine, 2003. 28(7): p. 671-9 [D1113]
- 12. Butler, L., et al., *Back pain online: a cross-sectional survey of the quality of web-based information on low back pain*. Spine, 2003. 28(4): p. 395-401 **[D1108]**
- 13. Reiso, H., et al., *Back to work: predictors of return to work among patients with back disorders certified as sick: a two-year follow-up study*. Spine, 2003. 28(13): p. 1468-73; discussion 1473-4 {D1160}
- 14. Phillips, F.M., et al., *Biologic treatment for intervertebral disc degeneration: summary statement.* Spine, 2003. 28(15 Suppl): p. S99 **{D1178}**
- 15. Rogers, C.M., et al., *Biomechanical measure validation for spinal manipulation in clinical settings*. J Manipulative Physiol Ther, 2003. 26(9): p. 539-48 **(D2195)**
- 16. Sartori, G., et al., A brief and unobtrusive instrument to detect simulation and exaggeration in patients with whiplash syndrome. Neurosci Lett, 2003. 342(1-2): p. 53-6 {D2431}
- 17. Freeman, M., *Brief Report of Hemifacial Tic Following a Low-Speed Motor Vehicle Crash.* J Whiplash Rel Dis, 2003. 2(2) **[D1886]**
- 18. Daniel, D.M., et al., *Calibration and electrical safety status of therapeutic ultrasound used by chiropractic physicians*. J Manipulative Physiol Ther, 2003. 26(3): p. 171-5 {D2163}
- 19. Fortin, J.D., et al., *Can the sacroiliac joint cause sciatica?* Pain Physician, 2003. 6(3): p. 269-71 {D2903}
- 20. Schliesser, J.S., et al., *Cervical radiculopathy treated with chiropractic flexion distraction manipulation: A retrospective study in a private practice setting.* J Manipulative Physiol Ther, 2003. 26(9): p. E19 **{D2199}**
- 21. Wiegand, R., et al., *Cervical spine geometry correlated to cervical degenerative disease in a symptomatic group.* J Manipulative Physiol Ther, 2003. 26(6): p. 341-6 {D2177}
- 22. Mitchell, J.A., *Changes in vertebral artery blood flow following normal rotation of the cervical spine*. J Manipulative Physiol Ther, 2003. 26(6): p. 347-51 {D2178}
- 23. Alcantara, J., et al., *Chiropractic care of a patient with vertebral subluxation and Bell's palsy*. J Manipulative Physiol Ther, 2003. 26(4): p. 253 **{D2171}**
- 24. Alcantara, J., et al., *Chiropractic care of a pediatric patient with myasthenia gravis*. J Manipulative Physiol Ther, 2003. 26(6): p. 390-4 {D2182}
- 25. Polkinghorn, B.S., et al., *Chiropractic management of chronic chest pain using mechanical force, manually assisted short-lever adjusting procedures*. J Manipulative Physiol Ther, 2003. 26(2): p. 108-15 **{D2158}**
- 26. Duenas, R., et al., Chiropractic-primary care, neuromusculoskeletal care, or musculoskeletal care? Results of a survey of chiropractic college presidents,

- *chiropractic organization leaders, and Connecticut-licensed doctors of chiropractic.* J Manipulative Physiol Ther, 2003. 26(8): p. 510-23 **[D2193]**
- 27. Manchikanti, L., et al., Chronic low back pain of facet (zygapophysial) joint origin: is there a difference based on involvement of single or multiple spinal regions? Pain Physician, 2003. 6(4): p. 399-405 {D2908}
- 28. Nederhand, M.J., et al., *Chronic neck pain disability due to an acute whiplash injury*. Pain, 2003. 102(1-2): p. 63-71 **[D1794]**
- 29. Petersen-Felix, S., Chronic pain after whiplash injury Evidence for altered central sensory processing. J Whiplash Rel Dis, 2003. 2(1) {D1873}
- 30. Giles, L.G., et al., *Chronic spinal pain: a randomized clinical trial comparing medication, acupuncture, and spinal manipulation*. Spine, 2003. 28(14): p. 1490-502; discussion 1502-3 **[D1161]**
- 31. Brahee, D.D., et al., *Clinical and radiological manifestations of the rheumatoid wrist. A comprehensive review.* J Manipulative Physiol Ther, 2003. 26(5): p. 323-9 {D2176}
- 32. Fanciullo, G.J., et al., *Cluster analysis classification of SF-36 profiles for patients with spinal pain*. Spine, 2003. 28(19): p. 2276-82 {D1170}
- 33. Ronnback, L., Cognitive Impairment During Recovery from Whiplash Injury-Underlying Mechanisms Focusing on Astroglial Dysfunction in Glutamatergic Neurotransmission. J Whiplash Rel Dis, 2003. 2(1) {D1874}
- 34. Kwan, O., et al., Comment on Sterling, M., et al., Motor system dysfunction following whiplash injury, Pain 103 (2003) 65-73. Pain, 2003. 105(3): p. 507; author reply 507-8 {D2417}
- 35. Terry, L.C., *Commentary: Insurance Research and Medical Ethics*. J Whiplash Rel Dis, 2003. 2(2) {D1879}
- 36. Lorme, K.J., et al., *Comparative analysis of low-back loading on chiropractors using various workstation table heights and performing various tasks*. J Manipulative Physiol Ther, 2003. 26(1): p. 25-33 **[D2153]**
- 37. Fritz, J.M., et al., Comparison of classification-based physical therapy with therapy based on clinical practice guidelines for patients with acute low back pain: a randomized clinical trial. Spine, 2003. 28(13): p. 1363-71; discussion 1372 {D1159}
- 38. Colloca, C.J., et al., *Comparison of dynamic posteroanterior spinal stiffness to plain film radiographic images of lumbar disk height*. J Manipulative Physiol Ther, 2003. 26(4): p. 233-41 {D2169}
- 39. Parks, K.A., et al., A comparison of lumbar range of motion and functional ability scores in patients with low back pain: assessment for range of motion validity. Spine, 2003. 28(4): p. 380-4 {D1106}
- 40. Lantz, C.A., *A comparison of methods of evaluating cervical range of motion*. J Manipulative Physiol Ther, 2003. 26(2): p. 128-30 **(D2159)**
- 41. Helm, S., 2nd, et al., *Complications of transforaminal epidural injections*. Pain Physician, 2003. 6(3): p. 389-90 **[D2907]**
- 42. Kwan, O., *Control subjects in whiplash studies*. Man Ther, 2003. 8(1): p. 52-3; author reply 54-5 {D1959}
- 43. Manchikanti, L., et al., *Correlates of non-physiological behavior in patients with chronic low back pain*. Pain Physician, 2003. 6(2): p. 159-66 {D2899}
- 44. Yamazaki, S., et al., Courses of cervical disc herniation causing myelopathy or radiculopathy: an analysis based on computed tomographic discograms. Spine, 2003. 28(11): p. 1171-5 {D1122}
- 45. Peterson, C., et al., A cross-sectional study correlating degeneration of the cervical spine with disability and pain in United kingdom patients. Spine, 2003. 28(2): p. 129-33 {D1102}
- 46. Sterling, M., et al., *Development of motor system dysfunction following whiplash injury*. Pain, 2003. 103(1-2): p. 65-73 {D1792}
- 47. Sterling, M., et al., *The development of psychological changes following whiplash injury*. Pain, 2003. 106(3): p. 481-9 **[D1789]**
- 48. Jamison, J.R., *Dietary diversity: case study of fruit and vegetable consumption by chiropractic patients*. J Manipulative Physiol Ther, 2003. 26(6): p. 383-9 {D2181}
- 49. Cramer, G.D., et al., *Dimensions of the lumbar intervertebral foramina as determined from the sagittal plane magnetic resonance imaging scans of 95 normal subjects*. J Manipulative Physiol Ther, 2003. 26(3): p. 160-70 {D2162}

50. Werneke, M., et al., Discriminant validity and relative precision for classifying patients with nonspecific neck and back pain by anatomic pain patterns. Spine, 2003. 28(2): p. 161-6 {D1103}

- 51. Gemmell, H.A., et al., *Effect of a topical herbal cream on osteoarthritis of the hand and knee: a pilot study.* J Manipulative Physiol Ther, 2003. 26(5): p. e15 {D2175}
- 52. Tepper, M., et al., *The effect of an ergonomic computer device on muscle activity of the upper trapezius muscle during typing*. Appl Ergon, 2003. 34(2): p. 125-30 **[D2439]**
- 53. Rose, K.A., et al., The effect of chiropractic care for a 30-year-old male with advanced ankylosing spondylitis: a time series case report. J Manipulative Physiol Ther, 2003. 26(8): p. E1-9 {D2194}
- 54. Kakushima, M., et al., *The effect of leg length discrepancy on spinal motion during gait: three-dimensional analysis in healthy volunteers*. Spine, 2003. 28(21): p. 2472-6 {D1172}
- 55. Lemstra, M., et al., *The effectiveness of standard care, early intervention, and occupational management in worker's compensation claims*. Spine, 2003. 28(3): p. 299-304 {D1105}
- 56. Ferreira, M.L., et al., *Efficacy of spinal manipulative therapy for low back pain of less than three months' duration*. J Manipulative Physiol Ther, 2003. 26(9): p. 593-601 {D2200}
- 57. Boswell, M.V., et al., *Epidural steroids in the management of chronic spinal pain and radiculopathy*. Pain Physician, 2003. 6(3): p. 319-34 **{D2904}**
- 58. Hayden, J.A., et al., *Evaluation of chiropractic management of pediatric patients with low back pain: a prospective cohort study*. J Manipulative Physiol Ther, 2003. 26(1): p. 1-8 {D2152}
- 59. Sarig-Bahat, H., *Evidence for exercise therapy in mechanical neck disorders*. Man Ther, 2003. 8(1): p. 10-20 **{D1768}**
- 60. Manchikanti, L., et al., Evidence-based practice guidelines for interventional techniques in the management of chronic spinal pain. Pain Physician, 2003. 6(1): p. 3-81 {D2896}
- 61. Tamburin, S., et al., *Focal hand dystonia after cervical whiplash injury*. J Neurol Neurosurg Psychiatry, 2003. 74(1): p. 134 {D1291}
- 62. Ferrari, R., et al., *From railway spine to whiplash--the recycling of nervous irritation*. Med Sci Monit, 2003. 9(11): p. HY27-37 **{D1284}**
- 63. Stemper, B.D., et al., *Gender dependent cervical spine segmental kinematics during whiplash*. J Biomech, 2003. 36(9): p. 1281-9 {D1721}
- 64. Sakalkale, D.P., et al., A historical review and current perspective on the intervertebral disc prosthesis. Pain Physician, 2003. 6(2): p. 195-8 [D2901]
- 65. Daffner, S.D., et al., *Impact of neck and arm pain on overall health status*. Spine, 2003. 28(17): p. 2030-5 {D1166}
- 66. Gosnold, J., *The impact of rehabilitation on chronic whiplash*. Clin Chiro, 2003. 6: p. 129-136 **{D1952}**
- 67. Sterner, Y., et al., *The incidence of whiplash trauma and the effects of different factors on recovery.* J Spinal Disord Tech, 2003. 16(2): p. 195-9 **(D1567)**
- 68. Kristjansson, E., et al., Increased sagittal plane segmental motion in the lower cervical spine in women with chronic whiplash-associated disorders, grades I-II: a case-control study using a new measurement protocol. Spine, 2003. 28(19): p. 2215-21 {D1026}
- 69. Harrison, D.E., et al., *Increasing the cervical lordosis with chiropractic biophysics* seated combined extension-compression and transverse load cervical traction with cervical manipulation: nonrandomized clinical control trial. J Manipulative Physiol Ther, 2003. 26(3): p. 139-51 {D2160}
- 70. Cates, J.R., et al., *An independent assessment of chiropractic practice guidelines*. J Manipulative Physiol Ther, 2003. 26(5): p. 282-6 {D2172}
- 71. Krafft, M., Influence of Crash Pulse Characteristics on Whiplash Associated Disorders in Rear Impacts-Crash Recording in Real Life Crashes. J Whiplash Rel Dis, 2003. 2(2) {D1885}
- 72. Johansson, B., Insurance Company and Car Crash Related Person Injury

 Compensation Claims: A Study of Verdicts in Sweden. J Whiplash Rel Dis, 2003. 2(2)

 {D1884}
- 73. Bakker, E.W., et al., *Interobserver reliability of the 24-hour schedule in patients with low back pain: a questionnaire measuring the daily use and loading of the spine*. J Manipulative Physiol Ther, 2003. 26(4): p. 226-32 {D2168}

74. Lee, M.S., et al., Intradiscal electrothermal therapy (IDET) for treatment of chronic lumbar discogenic pain: a minimum 2-year clinical outcome study. Pain Physician, 2003. 6(4): p. 443-8 {D2911}

- 75. Cascioli, V., et al., An investigation into the production of intra-articular gas bubbles and increase in joint space in the zygapophyseal joints of the cervical spine in asymptomatic subjects after spinal manipulation. J Manipulative Physiol Ther, 2003. 26(6): p. 356-64 {D2180}
- 76. Licht, P.B., et al., *Is cervical spinal manipulation dangerous?* J Manipulative Physiol Ther, 2003. 26(1): p. 48-52 **{D2154}**
- 77. Hestback, L., et al., Is low back pain part of a general health pattern or is it a separate and distinctive entity? A critical literature review of comorbidity with low back pain. J Manipulative Physiol Ther, 2003. 26(4): p. 243-52 {D2170}
- 78. Fagan, A., et al., *ISSLS prize winner: The innervation of the intervertebral disc: a quantitative analysis.* Spine, 2003. 28(23): p. 2570-6 {D1175}
- 79. Coleman, R.R., et al., Lateral cervical curve changes in patients receiving chiropractic care after a motor vehicle collision: a retrospective case series. J Manipulative Physiol Ther, 2003. 26(6): p. 352-5 {D2179}
- 80. Ferrari, R., et al., Laypersons' expectation of the sequelae of whiplash injury: a cross-cultural comparative study between Canada and Greece. Med Sci Monit, 2003. 9(3): p. CR120-4 {D1290}
- 81. Lutz, G.K., et al., Looking back on back pain: trial and error of diagnoses in the 20th century. Spine, 2003. 28(16): p. 1899-905 [D1163]
- 82. Cassidy, J.D., et al., *Low back pain after traffic collisions: a population-based cohort study*. Spine, 2003. 28(10): p. 1002-9 **{D1120}**
- 83. Leinonen, V., et al., Lumbar paraspinal muscle function, perception of lumbar position, and postural control in disc herniation-related back pain. Spine, 2003. 28(8): p. 842-8 {D1116}
- 84. Saifuddin, A., et al., *Magnetic resonance imaging of the cervical ligaments in the absence of trauma*. Spine, 2003. 28(15): p. 1686-91; discussion 1691-2 {D1560}
- 85. Aure, O.F., et al., *Manual therapy and exercise therapy in patients with chronic low back pain: a randomized, controlled trial with 1-year follow-up*. Spine, 2003. 28(6): p. 525-31; discussion 531-2 {D1110}
- 86. Holm, I., et al., Measuring self-reported functional status and pain in patients with chronic low back pain by postal questionnaires: a reliability study. Spine, 2003. 28(8): p. 828-33 {D1115}
- 87. Schwartz, A., et al., *Medical students' application of published evidence: randomised trial.* BMJ, 2003. 326(7388): p. 536-8 **{D2478}**
- 88. Zachary, A.M., et al., *Minimally invasive options to disc surgery*. Pain Physician, 2003. 6(4): p. 467-71 **[D2913]**
- 89. van Tulder, M.W., et al., *Muscle relaxants for nonspecific low back pain: a systematic review within the framework of the cochrane collaboration*. Spine, 2003. 28(17): p. 1978-92 **{D1165}**
- 90. Gilchrist, R.V., et al., *Muscular control of the lumbar spine*. Pain Physician, 2003. 6(3): p. 361-8 **[D2905]**
- 91. Ferrari, R., *Myths of whiplash*. Surgeon, 2003. 1(2): p. 99, 101-3 {D1975}
- 92. Keller, T.S., et al., *Neuromechanical characterization of in vivo lumbar spinal manipulation. Part I. Vertebral motion.* J Manipulative Physiol Ther, 2003. 26(9): p. 567-78 **{D2197}**
- 93. Colloca, C.J., et al., *Neuromechanical characterization of in vivo lumbar spinal manipulation. Part II. Neurophysiological response*. J Manipulative Physiol Ther, 2003. 26(9): p. 579-91 **(D2198)**
- 94. Kessels, R.P., *Neuropsychological Consequences of Whiplash Injury Following Motor-Vehicle Collisions: An Update.* J Whiplash Rel Dis, 2003. 2(2) {D1880}
- 95. O'Connor, D., et al., *Non-surgical treatment (other than steroid injection) for carpal tunnel syndrome*. Cochrane Database Syst Rev, 2003(1): p. CD003219 {D5098}
- 96. Berglund, A., et al., *Occupant- and crash-related factors associated with the risk of whiplash injury*. Ann Epidemiol, 2003. 13(1): p. 66-72 **{D2444}**
- 97. Collins, M.W., et al., *On-field predictors of neuropsychological and symptom deficit following sports-related concussion*. Clin J Sport Med, 2003. 13(4): p. 222-9 **{D1562}**

98. Song, X.J., et al., *Onset and recovery of hyperalgesia and hyperexcitability of sensory neurons following intervertebral foramen volume reduction and restoration*. J Manipulative Physiol Ther, 2003. 26(7): p. 426-36 **(D2186)**

- 99. Maigne, J.Y., et al., *Pain immediately upon sitting down and relieved by standing up is often associated with radiologic lumbar instability or marked anterior loss of disc space*. Spine, 2003. 28(12): p. 1327-34 {D1126}
- 100. Kabbara, A.I., et al., Paresthesiae during radiofrequency neurolysis of lumbar sympathetic trunk in CRPS: human evidence of a sympatho-sensory connection? Pain Physician, 2003. 6(4): p. 421-4 {D2909}
- 101. Domer, F.R., Part I. Effect of Hyperextension-Hyperflexion (Whiplash) on the Function of the Blood-Brain Barrier of Rhesus Monkeys. J Whiplash Rel Dis, 2003. 2(2) {D1881}
- 102. King Liu, Y., Part II. Subcortical EEG Changes in Rhesus Monkeys Following Experimental Hyperextension-Hyperflexion (Whiplash). J Whiplash Rel Dis, 2003. 2(2) {D1882}
- 103. Roy, A., Part III. Behavioral Changes in Rhesus Monkeys Following Experimental Whiplash. J Whiplash Rel Dis, 2003. 2(2) {D1883}
- 104. Rebain, R., et al., The passive straight leg raising test in the diagnosis and treatment of lumbar disc herniation: a survey of United kingdom osteopathic opinion and clinical practice. Spine, 2003. 28(15): p. 1717-24 {D1162}
- 105. Takahashi, N., et al., *Pathomechanisms of nerve root injury caused by disc herniation:* an experimental study of mechanical compression and chemical irritation. Spine, 2003. 28(5): p. 435-41 {D1109}
- 106. Giles, L.G., et al., *Patient satisfaction, characteristics, radiology, and complications associated with attending a specialized government-funded multidisciplinary spinal pain unit.* J Manipulative Physiol Ther, 2003. 26(5): p. 293-9 **[D2173]**
- 107. Wolsko, P.M., et al., *Patterns and perceptions of care for treatment of back and neck pain: results of a national survey.* Spine, 2003. 28(3): p. 292-7; discussion 298 **(D1104)**
- 108. Turner, M.A., et al., *Physical and psychiatric predictors of late whiplash syndrome*. Injury, 2003. 34(6): p. 434-7 **[D1712]**
- 109. Fritz, J.M., et al., *Physical impairment index: reliability, validity, and responsiveness in patients with acute low back pain.* Spine, 2003. 28(11): p. 1189-94 **[D1123]**
- 110. Evans, R., et al., A pilot study for a randomized clinical trial assessing chiropractic care, medical care, and self-care education for acute and subacute neck pain patients.

 J Manipulative Physiol Ther, 2003. 26(7): p. 403-11 {D2184}
- 111. Webb, R., et al., *Prevalence and predictors of intense, chronic, and disabling neck and back pain in the UK general population*. Spine, 2003. 28(11): p. 1195-202 **{D1124}**
- 112. Scholten-Peeters, G.G., et al., *Prognostic factors of whiplash-associated disorders: a systematic review of prospective cohort studies*. Pain, 2003. 104(1-2): p. 303-22 {D1791}
- 113. Malanga, G.A., et al., *Provocative tests in cervical spine examination: historical basis and scientific analyses.* Pain Physician, 2003. 6(2): p. 199-205 **[D2902]**
- 114. Leach, R.A., et al., *PulStar differential compliance spinal instrument: a randomized interexaminer and intraexaminer reliability study*. J Manipulative Physiol Ther, 2003. 26(8): p. 493-501 **[D2191]**
- 115. Windsor, R.E., *Radiofrequency lumbar zygapophysial (facet) joint denervation: a preliminary report of a new concept.* Pain Physician, 2003. 6(1): p. 119-23 **[D2897]**
- 116. Rosen, S., et al., *Radiofrequency stimulation of intervertebral discs*. Pain Physician, 2003. 6(4): p. 435-8 **{D2910}**
- 117. Scholten-Peeters, G.G., et al., Randomized clinical trial of conservative treatment for patients with whiplash-associated disorders: considerations for the design and dynamic treatment protocol. J Manipulative Physiol Ther, 2003. 26(7): p. 412-20 {D1055}
- 118. Niemisto, L., et al., A randomized trial of combined manipulation, stabilizing exercises, and physician consultation compared to physician consultation alone for chronic low back pain. Spine, 2003. 28(19): p. 2185-91 {D1167}
- 119. Siegmund, G.P., et al., Rapid neck muscle adaptation alters the head kinematics of aware and unaware subjects undergoing multiple whiplash-like perturbations. J Biomech, 2003. 36(4): p. 473-82 {D1722}
- 120. Ferrari, R., *Re: Whiplash disorders--a review*. Injury, 2003. 34(10): p. 803-5; author reply 805-6 **(D2337)**

121. Lantz, C.A., et al., *A reassessment of normal cervical range of motion*. Spine, 2003. 28(12): p. 1249-57 {D1125}

- 122. Buitenhuis, J., et al., *Recovery from acute whiplash: the role of coping styles*. Spine, 2003. 28(9): p. 896-901 {D1117}
- 123. Carey, T.S., et al., *The relation of race to outcomes and the use of health care services for acute low back pain*. Spine, 2003. 28(4): p. 390-4 {D1107}
- 124. Wainner, R.S., et al., *Reliability and diagnostic accuracy of the clinical examination and patient self-report measures for cervical radiculopathy*. Spine, 2003. 28(1): p. 52-62 {D1101}
- 125. Bertilson, B.C., et al., *Reliability of clinical tests in the assessment of patients with neck/shoulder problems-impact of history*. Spine, 2003. 28(19): p. 2222-31 {D1169}
- 126. Clare, H.A., et al., *Reliability of detection of lumbar lateral shift*. J Manipulative Physiol Ther, 2003. 26(8): p. 476-80 **{D2189}**
- 127. Piva, S.R., et al., *Reliability of measuring iliac crest level in the standing and sitting position using a new measurement device*. J Manipulative Physiol Ther, 2003. 26(7): p. 437-41 {D2187}
- 128. Perillo, M., et al., *Responsiveness of the Bournemouth and Oswestry questionnaires: a prospective pilot study.* J Manipulative Physiol Ther, 2003. 26(2): p. 77-86 {D1059}
- 129. Kwan, O., et al., A review and methodologic critique of the literature supporting 'chronic whiplash injury'. Part II. Reviews, editorials, and letters. Med Sci Monit, 2003. 9(9): p. RA230-6 {D1287}
- 130. Kwan, O., et al., A review and methodologic critique of the literature supporting 'chronic whiplash injury': part I research articles. Med Sci Monit, 2003. 9(8): p. RA203-15 {D1286}
- 131. Osterman, H., et al., *Risk of multiple reoperations after lumbar discectomy: a population-based study.* Spine, 2003. 28(6): p. 621-7 {D1112}
- 132. Hansen, H.C., et al., *Sacroiliac joint pain and dysfunction*. Pain Physician, 2003. 6(2): p. 179-89 **(D2900)**
- 133. Merskey, H., *Science, Whiplash, Insurance and Minimizing Pain*. j Whiplash Rel Dis, 2003. 2(2) {D1877}
- 134. Sterling, M., et al., Sensory hypersensitivity occurs soon after whiplash injury and is associated with poor recovery. Pain, 2003. 104(3): p. 509-17 {D1790}
- 135. Keating, J.C., Jr., *Several pathways in the evolution of chiropractic manipulation*. J Manipulative Physiol Ther, 2003. 26(5): p. 300-21 **{D2174}**
- 136. Childs, J.D., et al., *Side-to-side weight-bearing asymmetry in subjects with low back pain*. Man Ther, 2003. 8(3): p. 166-9 **{D1960}**
- 137. Makhsous, M., et al., *Sitting with adjustable ischial and back supports: biomechanical changes*. Spine, 2003. 28(11): p. 1113-21; discussion 1121-2 **{D1121}**
- 138. Karason, A.B., et al., Somatovisceral response following osteopathic HVLAT: a pilot study on the effect of unilateral lumbosacral high-velocity low-amplitude thrust technique on the cutaneous blood flow in the lower limb. J Manipulative Physiol Ther, 2003. 26(4): p. 220-5 {D2167}
- 139. Young, K.J., et al., *Spondylolysis of L2 in identical twins*. J Manipulative Physiol Ther, 2003. 26(3): p. 196-201 {D2165}
- 140. Troyanovich, S.J., et al., A structural chiropractic approach to the management of diffuse idiopathic skeletal hyperostosis. J Manipulative Physiol Ther, 2003. 26(3): p. 202-6 {D2166}
- 141. Pajaczkowski, J.A., *The stubborn hip: idiopathic avascular necrosis of the hip.* J Manipulative Physiol Ther, 2003. 26(2): p. 107 {D2157}
- 142. Harcourt, B.T., et al., Subjective and Objective Numerical Outcome Measure Assessment (SONOMA). A combined outcome measure tool: findings on a study of reliability. J Manipulative Physiol Ther, 2003. 26(8): p. 481-92 {D2190}
- 143. Summary of Abstracts Concerning Whiplash and Related Disorders 2000-2002. J Whiplash Rel Dis, 2003. 2(1) {D1875}
- 144. Zhang, J., et al., Surgical anatomy of the nerves and muscles in the posterior cervical spine: a guide for avoiding inadvertent nerve injuries during the posterior approach. Spine, 2003. 28(13): p. 1379-84 {D1561}
- 145. Russell, B.S., *A suspected case of ulnar tunnel syndrome relieved by chiropractic extremity adjustment methods*. J Manipulative Physiol Ther, 2003. 26(9): p. 602-7 {D2201}

146. Staiger, T.O., et al., Systematic review of antidepressants in the treatment of chronic low back pain. Spine, 2003. 28(22): p. 2540-5 {D1174}

- 147. Fortin, J.D., *Thoracolumbar syndrome in athletes*. Pain Physician, 2003. 6(3): p. 373-5 {D2906}
- 148. Merskey, H., *A Troubling Story: Insurance and Medical Research in Saskatchewan*. J Whiplash Rel Dis, 2003. 2(2) {D1878}
- 149. Sjostrom, H., et al., *Trunk sway measures of postural stability during clinical balance tests in patients with chronic whiplash injury symptoms*. Spine, 2003. 28(15): p. 1725-34 {D1163}
- 150. Morphett, A.L., et al., *The use of electromagnetic tracking technology for measurement of passive cervical range of motion: a pilot study*. J Manipulative Physiol Ther, 2003. 26(3): p. 152-9 **{D2161}**
- 151. Cooperstein, R., et al., *Validity of compressive leg checking in measuring artificial leg-length inequality*. J Manipulative Physiol Ther, 2003. 26(9): p. 557-66 {D2196}
- 152. Hoving, J.L., et al., Validity of the neck disability index, Northwick Park neck pain questionnaire, and problem elicitation technique for measuring disability associated with whiplash-associated disorders. Pain, 2003. 102(3): p. 273-81 {D1793}
- 153. Knutson, G.A., Vectored upper cervical manipulation for chronic sleep bruxism, headache, and cervical spine pain in a child. J Manipulative Physiol Ther, 2003. 26(6): p. E16 {D2183}
- 154. Jensen, T.W., *Vertebrobasilar ischemia and spinal manipulation*. J Manipulative Physiol Ther, 2003. 26(7): p. 443-7 **{D2188}**
- 155. van Gent, C., et al., *The weight of schoolbags and the occurrence of neck, shoulder, and back pain in young adolescents.* Spine, 2003. 28(9): p. 916-21 {D1118}
- 156. Evans, R.L., et al., What do patients think? Results of a mixed methods pilot study assessing sciatica patients' interpretations of satisfaction and improvement. J Manipulative Physiol Ther, 2003. 26(8): p. 502-9 {D2192}
- 157. Whiplash and Peer Review. J Whiplash Rel Dis, 2003. 2(2) [D1876]
- 158. Freeman, M., Whiplash and Secondary gain. J Whiplash Rel Dis, 2003. 2(1) {D1872}
- 159. Perrone, E., *Whiplash injury secondary to a motor vehicle accident*. J Pediatr Health Care, 2003. 17(3): p. 148; quiz 159-60 {D2433}
- 160. Schmitt, K.U., et al., Whiplash injury: cases with a long period of sick leave need biomechanical assessment. Eur Spine J, 2003. 12(3): p. 247-54 {D1704}
- 161. Hiebert, R., et al., *Work restrictions and outcome of nonspecific low back pain*. Spine, 2003. 28(7): p. 722-8 **[D1114]**