

Spinal Reflex Analysis and Spinal Reflex Therapy Supporting References

1. Jamison, Jennifer R., MB, BCh, PhD, EdD. "A Psychological Profile of Fibromyalgia Patients: A Chiropractic Case Study." *J Manipulative Physiol Ther.* 1999 Sep; 22(7):454-7
2. Harrison, Deed E. DC et al. "A Review of Biomechanics of the Central Nervous System - Part 1: Spinal Canal Deformations Resulting from Changes in Posture." *J Manipulative Physiol Ther.* 1999 May; 22(4):227-34.
3. Zabjek, K.F. et al. "Acute Postural adaptations induced by a shoe lift in idiopathic scoliosis patients." *Eur Spine J.* Feb. 2001; 10:107-113.
4. Bail, SS. "Pathogenesis of so-called myogelosis." *Arkh Patol.* 1967; 29(9):49-52.
5. "2009 Massage Therapy Industry Fact Sheet." *American Massage Therapy Association.* March 2009. <<http://www.amtamassage.org/news/MTIndustryFactSheet.html>>.
6. Blake, R.L. and Ferguson, H. "Limb Length Discrepancy." *Journal of the American Podiatric Medical Association.* 1992; 82 (1): 33-38.
7. "Standards of Practice." *NCBTMB.* N.p., Oct. 2008. Web. Feb. 2009. <<http://www.ncbtmb.org>>.
8. Patijn, J. et al. "CT study of craniovertebral rotation in whiplash injury." *European Spine Journal.* 2001; 10(1):38-43.
9. Sutter, E. et al. "Decrease in quadriceps inhibition after sacroiliac joint manipulation in patients with anterior knee pain." *J Manipulative Physiol Ther.* 1999 Mar-Apr;22(3):149-53.
10. Dvorak, J., and V. Dvorak. *Manual Medicine - Diagnostics.* New York: Thieme Medical Publishers, 1990.
11. Danneels, L.A. et al. "Differences in electromyographic activity in the multifidus muscle and the iliocostalis lumborum between healthy subjects and patients with sub-acute and chronic low back pain." *European Spine Journal.* 2002; 11(1):13-19.
12. Kumar, S et al. "Electromyography of superficial cervical muscles with exertion in the sagittal, coronal and oblique planes." *European Spine Journal.* 2002; 11(1):27-37.
13. "NCBTMB: Massage facts." *The National Certification Board for Therapeutic Massage & Bodywork.* <http://www.ncbtmb.org/consumers_massage_facts.php>.
14. Fassbender, HG and Martens, KD. "Critical considerations of the pathogenesis of „soft tissue rheumatism“ (fibromyalgia) and its therapeutic consequences [Article in German]." *Z Orthop Ihre Grenzgeb.* 1992 Mar-Apr;130(2):99-103.
15. Fassbender, Hans G. *Pathology and Pathobiology of Rheumatic Diseases.* 2nd ed. New York: Springer, 2002. Print.
16. Fassbender HG. "The Significance of visceral processes for the pathogenesis and nosology of primar chronic polyarthritis [Article in German]." *Frankf Z Pathol.* 1967;76(3):243-69.
17. Gerstenbrand, F, Tilscher, H, et al. "Radicular and pseudoradicular symptoms of the middle and lower cervical vertebral column [Article in German]." *MMW Munch Med Wochenschr.* 1979 Sep 14;121(37):1173-6.
18. Danielsson, Aina J et al. "Health-related quality of life in patients with adolescent idiopathic scoliosis: a matched follow-up at least 20 years after treatment with brace or surgery." *European Spine Journal.* 2001; 10(4):278-288.
19. Johnston, WL. "Segmental definition: Part I. A focal point for diagnosis of somatic dysfunction." *J Am Osteopath Assoc.* 1988 Jan;88(1):99-105.
20. Knutti, O and Kaech, DL. "Radicular and pseudo-radicular pain syndrome [Article in German]." *Ther Umsch.* 1998 Oct;55(10):601-12.
21. Heikki M. Hemmila", MD, et al. "Long term effectiveness of bone-setting, light exercise therapy, and physiotherapy for prolonged back pain: A randomized controlled trial." *Journal of Manipulative and Physiological Therapeutics.* 2002 Feb.
22. Maigne, JY et al. "Anatomical study of the cutaneous innervation of the lumbosacral region. Application to the physiopathology of certain lumbalgias (Article in French)." *Rev Rhum Mal Osteoartic.* 1988 Feb;55(2):107-11
23. Maigne, R. "Interscapular dorsalgia, manifestation of pain in the lower cervical spine. Cervical point of the back [Article in French]." *Sem Hop.* 1977 May 9;53(18-19):1067-72.
24. Maigne R. "The thoraco-lumbar junction syndrome. Low-back pain, pseudo-visceral pain, pseudo-hip pain and pseudo-pubic pain [Article in French]." *Sem Hop.* 1981 Mar 18-25;57(11-12):545-54.
25. Windisch, A et al. "Morphology and histochemistry of myogelosis." *Clin Anat.* 1999;12(4):266-71.
26. Eingorn, Alex M and Muhs, George J. "Rationale for assessing the effects of manipulative therapy on autonomic tone by analysis of heart rate variability." *Journal of Manipulative and Physiological Therapeutics.* 1999 March-April;22(3):161-165.
27. Federico Balague et al. "Recovery of impaired muscle function in severe sciatica." *European Spine Journal.* 2001;10(3):242-249.
28. Turchaninov, Ross. "Reflex Mechanisms of Massage Therapy, Part I." *Massage Today.* 2001 Oct. <<http://www.massagetoday.com/mpacms/mt/article.php?id=10331>>.
29. Turchaninov, Ross. "Reflex Mechanisms of Massage Therapy, Part II." *Massage Today.* 2001 Nov. <<http://www.massagetoday.com/mpacms/mt/article.php?id=10345>>.
30. Vaz, G. et al. "Sagittal morphology and equilibrium of pelvis and spine." *European Spine Journal.* 2002;11(1):80-87.
31. Travell and Simmons. "Soft Tissue Attributes (Partial-outline form)." 1983.
32. Widhe, T. "Spine: posture, mobility and pain. A longitudinal study from childhood to adolescence." *Eur Spine J.* 2001 Apr;10(2):118-23.
33. Radanov, B. P. et al. "Symptomatic approach to posttraumatic headache and its possible implications for treatment." *European Spine Journal.* 2001 Oct;10(5):403-407.
34. "Survey on Massage Therapy Released by the National Certification Board for Therapeutic Massage and Bodywork" Press release to National Certification Board for Therapeutic Massage and Bodywork.

35. Evans, JM et al. "The minimum energy hypothesis: a unified model of fixation resolution." *J Manipulative Physiol Ther.* 2002 Feb;25(2):105-10.
36. Porter, R. "The pathogenesis of idiopathic scoliosis: uncoupled neuro-osseous growth?" *European Spine Journal.* 2001 Dec;10(6):473-481.
37. Niesluchowski, W et al. "The potential role of brain asymmetry in the development of adolescent idiopathic scoliosis: a hypothesis." *J Manipulative Physiol Ther.* 1999 Oct;22(8):540-544.
38. Klein, GN et al. "Trapped in the neutral zone: another symptom of whiplash-associated disorder?" *Eur Spine J.* 2001 Apr;10(2):141-148.
39. Chaitow, L. "Bodywork Masterclass Series-6 - Understanding the Soft Tissues." *Health World.* 1995. <<http://www.healthy.net/scr/article.asp?Id=584>>.
40. Licht, PB et al. "Vertebral artery flow and cervical manipulation: an experimental study." *J Manipulative Physiol Ther.* 1999 Sep;22(7):431-5
41. Licht, PB et al. "Vertebral artery volume flow in human beings." *J Manipulative Physiol Ther.* 1999 Jul-Aug;22(6):363-367.
42. Wyke BD "Structural and functional characteristics of articular receptor systems (Article in Czech)." *Acta Chir Orthop Traumatol Cech.* 1973 Dec;40(6):489-497
43. Korr, IM "Symposium on the functional implications of segmental facilitation; a research report. I. The concept of facilitation and its origins." *J Am Osteopath Assoc.* 1955 Jan;54(5):265-268.
44. Vernon, HT et al. "Pressure pain threshold evaluation of the effect of spinal manipulation in the treatment of chronic neck pain: a pilot study." *J Manipulative Physiol Ther.* 1990 Jan;13(1):13-6.
45. Wyke, B. "Perspectives in physiotherapy." *Physiotherapy Canada.* 1980;32:261-267.
46. Wyke, B. "Neurological mechanisms in the experience of pain." *Acupunct Electrother Res J.* 1979;4:27.
47. Wyke, B. "Neurology of the cervical spinal joints." *Physiotherapy.* 1979 Mar;65(3):72-6.
48. Bogduk, N. et al. "The cervical zygapophysial joints as a source of neck pain." *Spine.* 1988 Jun;13(6):610-7.
49. Wyke, B. "The neurological basis of thoracic spinal pain." *Rheumatol Phys Med.* 1970 Aug;10(7):356-67.
50. Wyke BD and Polacek P. Articular neurology: the present position." *Journal of Bone and Joint Surgery* 1975;57B:401:10.
51. Vrettos, XC and Wyke, BD. "Articular reflexogenic systems in the costovertebral joints." *J. Bone Joint Surg.* 1974;56B:382.
52. Fassbender, HG "Pathogenic aspects of arthrosis and its therapeutic aspects." 1991.
53. Keller, A. "Trunk muscle strength, cross-sectional area, and density in patients with chronic low back pain randomized to lumbar fusion or cognitive intervention and exercises." *Spine.* 2004 Jan 1;29(1):3-8.
54. Koumantakis, GA et al. "Trunk muscle stabilization training plus general exercise versus general exercise only: randomized controlled trial of patients with recurrent low back pain." *Phys Ther.* 2005 Mar;85(3):209-25.
55. Mannion, A.F. et al. "Comparison of three active therapies for chronic low back pain: results of a randomized clinical trial with one-year follow-up." *Rheumatology (Oxford).* 2001 Jul;40(7):772-8.
56. O'Sullivan, P.B. et al. "Evaluation of specific stabilizing exercise in the treatment of chronic low back pain with radiologic diagnosis of spondylolysis or spondylolisthesis." *Spine.* 1997 Dec 15;22(24):2959-67.
57. O'Sullivan, P.B. "Lumbar segmental 'instability': clinical presentation and specific stabilizing exercise management." *Man Ther.* 2000 Feb;5(1):2-12.
58. Mannion, Anne F. et al. "Active therapy for chronic low back pain part 1. Effects on back muscle activation, fatigability, and strength." *Spine.* 2001 Apr 15;26(8):897-908.
59. Käser, L et al. "Active therapy for chronic low back pain: part 2. Effects on paraspinal muscle cross-sectional area, fiber type size, and distribution." *Spine.* 2001 Apr 15;26(8):909-19.
60. Mannion, Anne F. et al. "Active therapy for chronic low back pain: part 3. Factors influencing self-rated disability and its change following therapy." *Spine.* 2001 Apr 15;26(8):920-9.
61. Hodges, P.W. and Richardson, C.A. "Inefficient muscular stabilization of the lumbar spine associated with low back pain. A motor control evaluation of transversus abdominis." *Spine.* 1996 Nov 15;21(22):2640-50.
62. Korr, I.M. "Proprioceptors and somatic dysfunction." *J Am Osteopath Assoc.* 1975 Mar;74(7):638-50.
63. Hubka, M.J. and Phelan, S.P. "Interexaminer reliability of palpation for cervical spine tenderness." *J Manipulative Physiol Ther.* 1994 Nov-Dec;17(9):591-5.
64. Vilbert, N et al. "Variability in the control of head movements in seated humans: a link with whiplash injuries?" *J Physiol.* 2001 May 1;532(Pt 3):851-68.
65. Gerwin, Robert. "Perpetuating Factors Associated with Myofascial Trigger Points."
66. Bogduck, N and Mercer, S. "Biomechanics of the cervical spine. I: Normal kinematics." *Clin Biomech (Bristol, Avon).* 2000 Nov;15(9):633-48.
67. Yoganandan, N et al. "Biomechanics of the cervical spine Part 2. Cervical spine soft tissue responses and biomechanical modeling." *Clin Biomech (Bristol, Avon).* 2001 Jan;16(1):1-27.
68. Bogduk, N and Yoganandan, N. "Biomechanics of the cervical spine Part 3: Minor injuries." *Clin Biomech (Bristol, Avon).* 2001 May;16(4):267-75.
69. Gorski, J.M. and Schwartz, L.H. "Shoulder impingement presenting as neck pain." *J Bone Joint Surg Am.* 2003 Apr;85-A(4):635-8.
70. Knutson, G.A. and Owens, E.F. "Active and passive characteristics of muscle tone and their relationship models of subluxation/joint dysfunction Part I." *J Can Chiropr Assoc.* 2003;47(3):168-179.
71. Biondi, D.M. "Cervicogenic headache: a review of diagnostic and treatment strategies." *J Am Osteopath Assoc.* 2005 Apr;105(4 Suppl 2):16S-22S.
72. FJR. "Manipulation of the Shoulder Girdle Accelerates Recovery of Patients With Shoulder Symptoms." *J of Amer Osteopathic Assoc.* 2006 March;106(3):119.
73. Hodges, P.W. "Core stability exercise in chronic low back pain." *Orthop Clin North Am.* 2003 Apr;34(2):245-54.
74. Cusick, J.F. and Yoganandan, N. "Biomechanics of the cervical spine 4: major injuries." *Clin Biomech (Bristol,*

- Avon). 2002 Jan;17(1):1-20.
75. Kramer, M et al. "Surface electromyography of the paravertebral muscles in patients with chronic low back pain." *Arch Phys Med Rehabil*. 2005 Jan;86(1):31-6.
 76. Bronfort, G. et al. "Efficacy of spinal manipulation and mobilization for low back pain and neck pain: a systematic review and best evidence synthesis." *Spine J*. 2004 May-Jun;4(3):335-56.
 77. Bergman, G.J. et al. "Manipulative therapy in addition to usual medical care for patients with shoulder dysfunction and pain: a randomized, controlled trial." *Ann Intern Med*. 2004 Sep 21;141(6):432-9.
 78. Suter, E. et al. "Conservative lower back treatment reduces inhibition in knee-extensor muscles: a randomized controlled trial." *J Manipulative Physiol Ther*. 2000 Feb;23(2):76-80.
 79. Leinonen, V et al. "Back and hip extensor activities during trunk flexion/extension: effects of low back pain and rehabilitation." *Arch Phys Med Rehabil*. 2000 Jan;81(1):32-7.
 80. Kankaanpää, M et al. "Back and hip extensor fatigability in chronic low back pain patients and controls." *Arch Phys Med Rehabil*. 1998 Apr;79(4):412-7.
 81. "More pain than gain in treating backache" *Los Angeles Times*. February 13, 2008.
<<http://articles.latimes.com/2008/feb/13/nation/na-backpain13>>.
 82. "Pain busters: Backache: The £6bn ache, and how to beat it." *Times Online*. September 7, 2004.
<http://www.timesonline.co.uk/tol/life_and_style/health/features/article479511.ece>.
 83. *Integrated Benefits Institute*. <www.IBIWeb.org>.
 84. *Disease Control Priorities Project*. <www.dcp2.org>.
 85. Deyo, R.A. et al. "Back pain prevalence and visit rates: estimates from U.S. national surveys, 2002." *Spine*. 2006 Nov 1;31(23):2724-7.
 86. Martin, B.I. et al. "Expenditures and health status among adults with back and neck problems." *JAMA*. 2008 Feb 13;299(6):656-64.
 87. "Almost half of Americans facing knee arthritis." *msnbc.com* <<http://www.msnbc.msn.com/id/26544498/from/ET/>>.
 88. "Hospitalizations for Osteoarthritis Rising Sharply." Agency for Healthcare Research and Quality. 2006.
 89. Guccione, A.A. et al. "The effects of specific medical conditions on the functional limitations of elders in the Framingham Study." *Am J Public Health*. 1994 Mar;84(3):351-8.
 90. Boyd, Anna. "Spinal Patients Spend Big Money with No Visible Improvements." *eFluxMedia*. February 13, 2008.
<www.efluxmedia.com>.
 91. Barclay, Laurie. "Management of Shoulder Osteoarthritis Reviewed." *www.medscape.com*. 2008.
<<http://cme.medscape.com/viewarticle/579978>>.
 92. Jarrell, F. "SRA Fast Facts: Musculoskeletal."
 93. Jarrell, F. "SRA Fast Facts: Knee and Shoulder Conditions."
 94. Wofford, J.L. et al. "Patient characteristics and clinical management of patients with shoulder pain in U.S. primary care settings: secondary data analysis of the National Ambulatory Medical Care Survey." *BMC Musculoskelet Disord*. 2005 Feb 3;6:4.
 95. "Back pain treatment getting pricier" *www.msnbc.com*. 2008. <<http://www.msnbc.msn.com/id/23134252/>>.
 96. "The incidence of back pain." *Zimmer Spine*.
<<http://www.zimmerspine.eu/z/ct/op/global/action/1/id/9023/template/PC/navid/9747>>.
 97. "The Bone and Joint Decade Report, 2005." *European Action Towards Better Musculoskeletal Health, European League Against Rheumatism (EULAR), European Federation of National Associations of Orthopaedics and Traumatology (EFORT) & International Osteoporosis Foundation (IOF)*. 2005. <<http://www.boneandjointdecade.org>>.
 98. *Medical and Health Research: A special Eurobarometer public survey*. European Commission. 2007.
 99. "Back Pain." *National Institute of Arthritis and Musculoskeletal and Skin Disease*. Sept. 2005.
<http://www.niams.nih.gov/Health_Info/Back_Pain/default.asp>.
 100. "Spine Basics: The Vertebrae, Discs, and Spinal Cord." *Center for Medical Pain Management*. Oct. 2007.
<http://www.care4chronicpain.com/index.php?option=com_content&task=view&id=24&Itemid=18>.
 101. "X-Plain Back Exercises." *National Library of Medicine*. Patient Education Institute, 2005. <www.nlm.nih.gov>.
 102. "Pain Facts and Figures Incidence of Pain, as Compared to Major Conditions." *American Pain Foundation*. 2007 Jan.
<<http://www.painfoundation.org/page.asp?file=Newsroom/PainFacts.htm>>.
 103. Liebenson, Craig. "What's All the Buzz About Spinal Stability? Part One: Biomechanics and Neurophysiology." *Dynamic Chiropractic*. 2004 June;22(12).
 104. "Low Back Pain Fact Sheet." *National Institute of Neurological Disorders and Stroke*. 2003 July.
<http://www.ninds.nih.gov/disorders/backpain/detail_backpain.htm>.
 105. Fricker, Janet. "Pain in Europe Report." *Paineurope.com*.
<http://www.paineurope.com/index.php?q=en/book_page/the_pain_in_europe_report>.
 106. Mainiadas, N and Gray, A. "The economic burden of back pain in the UK." *Pain*. 2000 Jan;84(1):95-103.
 107. Fister Gale, Sarah. "Sickened by the Cost of Absenteeism." *Workforce.com*. 2003.
<www.workforce.com/archive/feature/23/51/19/index.php>.
 108. "Economic Costs of Fact Sheets: The impact of rising health care costs on the economy." *National Coalition on Health Care*.
<<http://www.nchc.org/facts/economic.shtml>>.
 109. Nicholson, Sean et al. "How to Present the Business Case for Healthcare Quality to Employers." *Knowledge@Wharton*. 2005 Nov. <<http://knowledge.wharton.upenn.edu/papers/1303.pdf>>.
 110. Navaro, Chris "The Cost of Employee Absenteeism." *Compensation & Benefits Review*. 2006;38(6):26-30.
 111. *The Institute on the Costs and Health Effects of Obesity*. <<http://www.businessgrouphealth.org/>>.
 112. "Health Makes Common Cents." *US Department of Health and Human Resources*. <<http://www.hhs.gov/>>.
 113. *Bone and Joint Decade*. <www.boneandjointdecade.org/usa>.
 114. "2007/2008 Staying@Work Report: Building an Effective Health & Productivity Framework." *National Business*

Group on Health and Watson Wyatt. 2007.

115. "National Coalition on Health Care; Economic Cost Fact Sheet." *The National Coalition on Health Care*. 2008. <www.nchc.org>.

116. "Health Care Costs 101 – 2005." *California Health Care Foundation*. 2005. <www.chcf.org>.

117. "Survey of Employer Sponsored Health Benefits." *The Kaiser Family Foundation*. 2005. <http://www.kff.org/insurance/7315.cfm>.

118. Borger, C. et al. "Health spending projections through 2015: changes on the horizon." *Health Aff (Millwood)*. 2006 Mar-Apr;25(2):w61-73.

119. Iverson, Don "Health and Behavioral Sciences at the University of Wollongong, Keynote address." Australian Human Resources National Convention . 2006.

120. Cholewicki, J. and McGill, S.M. "Mechanical stability of the in vivo lumbar spine: implications for injury and chronic low back pain." *Clin Biomech (Bristol, Avon)*. 1996 Jan;11(1):1-15.

121. Akuthota, V, et al. "Core stability exercise principles." *Curr Sports Med Rep*. 2008 Feb;7(1):39-44.

122. Geraci, MC Jr. and Brown, W. "Evidence-based treatment of hip and pelvic injuries in runners." *Phys Med Rehabil Clin N Am*. 2005 Aug;16(3):711-47.

123. Nadler, S.F. "Low back pain in college athletes. A prospective study correlating lower extremity overuse or acquired ligamentous laxity with low back pain." *Spine*. 1998 Apr 1;23(7):828-33.

124. Hides, J.A. "Multifidus muscle recovery is not automatic after resolution of acute, first-episode low back pain." *Spine*. 1996 Dec 1;21(23):2763-9.

125. Bogduk, N and Marsland, A. "The cervical zygapophysial joints as a source of neck pain." *Spine*. 1988 Jun;13(6):610-7.

126. Ben Kibler, W and Sciascia, A. "Kinetic chain contributions to elbow function and dysfunction in sports." *Clin Sports Med*. 2004 Oct;23(4):545-52, viii.

127. Nadler, SF et al. "Functional performance deficits in athletes with previous lower extremity injury." *Clin J Sport Med*. 2002 Mar;12(2):73-8.

128. Eygendaal, D. et al. "Biomechanics of the elbow joint in tennis players and relation to pathology." *Br J Sports Med*. 2007 Nov;41(11):820-3.

129. Elliott, B. "Biomechanics and tennis." *Br J Sports Med*. 2006 May;40(5):392-6.

130. Akuthota, V and Nadler, S.F. "Core strengthening." *Arch Phys Med Rehabil*. 2004 Mar;85(3 Suppl 1):S86-92.

131. Davies, GJ. "Mechanisms of selected knee injuries." *Phys Ther*. 1980 Dec;60(12):1590-5.

132. Standaert, CJ. "Expert opinion and controversies in musculoskeletal and sports medicine: core stabilization as a treatment for low back pain." *Arch Phys Med Rehabil*. 2007 Dec;88(12):1734-6.

133. Demoulin, C. et al. "Lumbar functional instability: a critical appraisal of the literature." *Ann Readapt Med Phys*. 2007 Nov;50(8):677-84, 669-76.

134. Wallden, M and Walters, N. "Does lumbo-pelvic dysfunction predispose to hamstring strain in professional soccer players?" *Journal of Bodywork and Movement Therapies*. 2005;9(2):99-108.

135. Kulas, A. "Effects of augmented local abdominal activation patterns on lower extremity biomechanics during landing in males and females." *The University of North Carolina at Greensboro*. 2005.

136. Norris, Christopher M. "Spinal Stabilisation: 3. Stabilisation Mechanisms of the Lumbar Spine." *Physiotherapy*. 1995 Feb;81(2):12-19.

137. O'Sullivan, PB. "Lumbar segmental 'instability': clinical presentation and specific stabilizing exercise management." *Man Ther*. 2000 Feb;5(1):2-12.

138. Jemmett, R.S. et al. "Anatomical relationships between selected segmental muscles of the lumbar spine in the context of multi-planar segmental motion: a preliminary investigation." *Man Ther*. 2004 Nov;9(4):203-10.

139. Cholewicki, J. "Relative contribution of trunk muscles to the stability of the lumbar spine during isometric exertions." *Clinical Biomechanics*. 2002 Feb;17(2):99-105.

140. Chaitow, L "Breathing pattern disorders, motor control, and low back pain." *Journal of Osteopathic Medicine*. 2004;7(1):34-41.

141. Silfies, S. et al. "Trunk muscle recruitment patterns in specific chronic low back pain populations." *Clinical Biomechanics*. 2005 Jun;20(5):465-473.

142. Haynes, W. "Core stability and the unstable platform device." *Journal of Bodywork and Movement Therapies*. 2004 April;8(2):88-103.

143. Rossi, E. et al. "Sequential control signals determine arm and trunk contributions to hand transport during reaching in humans." *J Physiol*. 2002 Jan 15;538(Pt 2):659-71.

144. Elliott, D. et al. "The control of sequential goal-directed movement: learning to use feedback or central planning?" *Motor Control*. 1998 Jan;2(1):61-80.

145. Ricker, K.L. et al. "The utilization of visual information in the control of rapid sequential aiming movements." *Acta Psychol (Amst)*. 1999 Nov;103(1-2):103-23.

146. Gueugneau, N. et al. "The influence of eye movements on the temporal features of executed and imagined arm movements." *Brain Res*. 2008 Jan 2;1187:95-102.

147. Treleaven, J. "Sensorimotor disturbances in neck disorders affecting postural stability, head and eye movement control." *Man Ther*. 2008 Feb;13(1):2-11.

148. Rogucka, E and Welon, Z. "Fitness of professionals and skilled workers in Poland." *J Biosoc Sci*. 1996 Apr;28(2):161-76.

149. Hikosaka, O et al. "Role of the basal ganglia in the control of purposive saccadic eye movements." *Physiol Rev*. 2000 Jul;80(3):953-78.

150. Bexander, C.S. et al. "Effect of gaze direction on neck muscle activity during cervical rotation." *Exp Brain Res*. 2005 Dec;167(3):422-32.

151. Small, D.M. and Apkarian, A.V. "Increased taste intensity perception exhibited by patients with chronic back pain." *Pain*. 2006 Jan;120(1-2):124-30.

152. Mientjes, M.I. and Frank, J.S. "Balance in chronic low back pain patients compared to healthy people under various conditions in upright standing." *Clin Biomech (Bristol, Avon)*. 1999 Dec;14(10):710-6.
153. Buchanan, J.J and Horak, F.B. "Emergence of postural patterns as a function of vision and translation frequency." *J Neurophysiol*. 1999 May;81(5):2325-39.
154. DeSouza, J.F. et al. "Eye position signal modulates a human parietal pointing region during memory-guided movements." *J Neurosci*. 2000 Aug 1;20(15):5835-40.
155. Henriques, D.Y. and Crawford, J.D. "Role of eye, head, and shoulder geometry in the planning of accurate arm movements." *J Neurophysiol*. 2002 Apr;87(4):1677-85.
156. Kuriyama, N. and Ito, H. "Electromyographic functional analysis of the lumbar spinal muscles with low back pain." *J Nippon Med Sch*. 2005 Jun;72(3):165-73.
157. Kumar, S. et al. "Electromyography of trunk muscles in isometric graded axial rotation." *J Electromyogr Kinesiol*. 2002 Aug;12(4):317-28.
158. Danneels, L.A. et al. "A functional subdivision of hip, abdominal, and back muscles during asymmetric lifting." *Spine*. 2001 Mar 15;26(6):E114-21.
159. Stark, T.W. "Introduction of a pyramid guiding process for general musculoskeletal physical rehabilitation." *Chiropr Osteopat*. 2006 Jun 8;14:9.
160. Hortobágyi, T et al. "Changes in muscle strength, muscle fibre size and myofibrillar gene expression after immobilization and retraining in humans." *J Physiol*. 2000 Apr 1;524 Pt 1:293-304.
161. Stevens, J.E. et al. "Relative contributions of muscle activation and muscle size to plantarflexor torque during rehabilitation after immobilization." *J Orthop Res*. 2006 Aug;24(8):1729-36.
162. Morse, C.I. et al. "Muscle strength, volume and activation following 12-month resistance training in 70-year-old males." *Eur J Appl Physiol*. 2005 Oct;95(2-3):197-204.
163. Sutter, M. "An attempt to define radicular and pseudoradicular syndromes [Article in German]." *Schweiz Rundsch Med Prax*. 1974 Jul 9;63(27):842-5.
164. Sutter, M. "Nature, clinic and significance of spondylogenic reflex syndrome [Article in German]." *Schweiz Rundsch Med Prax*. 1975 Oct 21;64(42):1351-7.
165. Sutter, M. "Backache and leg pains due to a functionally unstable pelvis [Article in German]." *Ther Umsch*. 1977 Jun;34(6):452-7.
166. Wyke, BD. "Morphological and functional features of the innervation of the costovertebral joints." *Folia Morphol (Praha)*. 1975;23(4):296-305.
167. Wyke, BD. "Clinical significance of articular receptor systems in the limbs and spine." *Proceedings of the Fifth International Congress of Manual Medicine, Copenhagen, 1977*.
168. Kellgren, JH. "Observations on referred pain arising from muscle." *Clin Sci*. 1938;3:175-190.
169. Kellgren, JH. "On the distribution of pain arising from deep somatic structures with charts of segmental pain areas." *Clin Sci Molec Med*. 1939;4:35-46.
170. Feinstein, B. "Experiments on pain referred from deep somatic tissues." *J Bone Joint Surg Am*. 1954 Oct;36-A(5):981-97.