

Gonstead System
Bibliography
(vers. 2.0, May 2018)

"A duly licensed chiropractor may only practice or attempt to practice or hold himself or herself out as practicing a system of chiropractic." Rules and Regulations. California Code. 302. Practice of Chiropractic. (a) Scope of Practice. (7).

This bibliography is open-access. The threshold for listing in this bibliography was a search-hit using Gonstead as the keyword (pubmed, chiroidex.org), and articles that feature elements/attributes of Gonstead System history, technique, examination (e.g. vertebral count, xray distortion), or care.

Adverse Events

Chaibi A, Benth JRŠ, Tuchin PJ, Russell MB. Adverse events in a chiropractic spinal manipulative therapy single-blinded, placebo, randomized controlled trial for migraineurs. *Musculoskelet Sci Pract.* 2017 Jun;29:66-71. doi: 10.1016/j.msksp.2017.03.003. Epub 2017 Mar 14.

BACKGROUND:

Unlike pharmacological randomized controlled trials (RCTs), manual-therapy RCTs do not always report adverse events (AEs). The few manual-therapy RCTs that provide information on AEs are frequently without details, such as the type and-, severity of the AE and reason for withdrawal.

OBJECTIVE:

To prospectively report all AEs in a chiropractic spinal manipulative therapy (CSMT) RCT.

DESIGN:

A prospective 3-armed, single-blinded, placebo, RCT.

METHODS:

Seventy migraineurs were randomized to the CSMT or a placebo, with 12 intervention sessions over three months. The recommendations by CONSORT and the International Headache Society's Task Force on AEs in migraine RCTs were followed. A standardized reporting scheme designed for pharmacological RCTs was used, and the AEs were described as frequencies and percentages within each group. The 95% confidence intervals (CIs) for the percentages (absolute risk) of AEs in each group were calculated when possible. Attributable risk (%) and relative risk were calculated with the corresponding 95% CIs.

RESULTS:

AEs were assessed in 703 sessions, with 355 in the CSMT group and 348 in the placebo group. Local tenderness was the most common AE, reported by 11.3% and 6.9% of the CSMT group and the placebo group, respectively, and tiredness on the intervention day was reported by 8.5% and 1.4% of CSMT group and the placebo group, respectively. The highest attributable risk was

for tiredness on the treatment day, 7.0% (CI 3.9-10.2%) which presented a relative risk of 5.9 (CI 2.3-15.0).

CONCLUSIONS:

AEs were mild and transient, and severe or serious AEs were not observed.

Chaibi A, Benth JŠ, Tuchin PJ, Russell MB. Erratum to 'Adverse events in a chiropractic spinal manipulative therapy single-blinded, placebo, randomized controlled trial for migraineurs' [Musculoskeletal. Ther. and Pract. 29C (2017) 66-71]. Musculoskelet Sci Pract. 2017 Oct;31:21. doi: 10.1016/j.msksp.2017.06.001. Epub 2017 Jun 17.

Lopes MA, Plaughner G. Response to "Forces of Commonly Used Chiropractic Techniques for Children: A Review of the Literature". J Manipulative Physiol Ther. 2017 Mar - Apr;40(3): 214-215. doi: 10.1016/j.jmpt.2016.10.015. Epub 2017 Mar 1. No abstract available. PMID: 28259494

Alcantara J, Ohm J, Kunz D. The safety and effectiveness of pediatric chiropractic: a survey of chiropractors and parents in a practice-based research network. Explore (NY). 2009 Sep-Oct; 5(5):290-5. doi: 10.1016/j.explore.2009.06.002.

Prospective Randomized Clinical/Controlled Trials

Chaibi A, Knackstedt H, Tuchin PJ, Russell MB. Chiropractic spinal manipulative therapy for cervicogenic headache: a single-blinded, placebo, randomized controlled trial. BMC Res Notes. 2017 Jul 24;10(1):310. doi: 10.1186/s13104-017-2651-4. PubMed PMID: 28738895; PubMed Central PMCID: PMC5525198.

Chaibi A, Benth JŠ, Tuchin PJ, Russell MB. Chiropractic spinal manipulative therapy for migraine: a three-armed, single-blinded, placebo, randomized controlled trial. Eur J Neurol. 2016 Oct 2. doi: 10.1111/ene.13166.

Rosing SL, et. al. Registered clinical trial. Chiropractic Treatment for Headache Among Children Aged 7-14. <https://clinicaltrials.gov/ct2/show/NCT02684916?term=chiropractic&rank=7>

Chaibi A, Benth JŠ, Tuchin PJ, Russell MB. Chiropractic spinal manipulative therapy for cervicogenic headache: a study protocol of a single-blinded placebo-controlled randomized clinical trial. Springerplus. 2015 Dec 16;4:779. doi: 10.1186/s40064-015-1567-5. eCollection 2015. PubMed PMID: 26697289; PubMed Central PMCID: PMC4679711.

Chaibi A, Šaltytė Benth J, Tuchin PJ, Russell MB. Chiropractic spinal manipulative therapy for migraine: a study protocol of a single-blinded

placebo-controlled randomised clinical trial. *BMJ Open*. 2015 Nov.19;5(11):e008095. doi: 10.1136/bmjopen-2015-008095. PubMed PMID: 26586317; PubMed Central PMCID: PMC4654276.

Chaibi A, Šaltytė Benth J, Bjørn Russell M. Validation of Placebo in a Manual Therapy Randomized Controlled Trial. *Sci Rep*. 2015 Jul 6;5:11774. doi: 10.1038/srep11774. PubMed PMID: 26145718; PubMed Central PMCID: PMC4491841.

Santilli V, Beghi E, Finucci S. 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 Mar-Apr;6(2):131-7. Epub 2006 Feb 3. PubMed PMID: 16517383.

Waagen GN, Haldeman S, Cook G, Lopez D, DeBoer. Short term trial of chiropractic adjustments for the relief of chronic low back pain. *Manual Medicine* 1986;2:63-67

Rupert RL, Ezzeldin MH. Chiropractic adjustments: results of a controlled clinical trail in Egypt. *ICA Int'l Rev Chiro* 1985 (winter)58-60.

Reed WR, Beavers S, Reddy SK, Kern G. Chiropractic management of primary nocturnal enuresis. *J Manipulative Physiol Ther* 1994;17:596-600.

Gong W. The influence of pelvic adjustment on vertical jump height in female university students with functional leg length inequality. *J Phys Ther Sci* 2015;27:251-253

Cho M, Jun I. Effects of pelvic adjustment on female university students' gait variables. *J Phys Ther Sci*. 2014 May;26(5):759-62. doi: 10.1589/jpts.26.759. Epub 2014 May 29.

Cho M. The influence of pelvic adjustment on the posture of female university students. *J Phys Ther Sci*. 2013 Jul;25(7):785-7. doi: 10.1589/jpts.25.785. Epub 2013 Aug 20.

Nansel DD, Peneff A, Quitoriano J. Effectiveness of upper versus lower cervical adjustments with respect to the amelioration of passive rotational versus lateral-flexion end-range asymmetries in otherwise asymptomatic subjects. *J Manipulative Physiol Ther* 1992;2:99-105

Nansel D, Peneff A, Cremata E, Carlson J. Time course considerations for the effects of unilateral lower cervical adjustments with respect to the amelioration of cervical lateral-flexion passive end-range asymmetry. *J Manipulative Physiol Ther*. 1990 Jul-Aug;13(6):297-304.

Nansel DD, Cremata E, Carlson J, Szlazak M. Effect of unilateral spinal adjustments on goniometrically-assessed cervical lateral-flexion end-range asymmetries in otherwise asymptomatic subjects. *J Manipulative Physiol Ther*. 1989 Dec;12(6):419-27.

Nansel D, Jansen R, Cremata E, Dhami MS, Holley D Effects of cervical adjustments on lateral-flexion passive end-range asymmetry and on blood pressure, heart rate and plasma catecholamine levels. *J Manipulative Physiol Ther*. 1991 Oct;14(8):450-6.

Pilot Randomized Clinical Trials

Plaughner G, Long CR, Alcantara J, et. al. Practice-based randomized controlled-comparison clinical trial of chiropractic adjustments and brief massage treatment at sites of subluxation in subjects with essential hypertension: a pilot study. *J Manipulative Physiol Ther* 2002;25:221-239.

Plaughner G. RCT-Pilot of Chiropractic Care in Childhood Asthma, Poster presentation, Association of Chiropractic Colleges (ACC) Conference, March 13-16, 2002

Cohort Studies and Case Series

Menke JM, Plaughner G, Carrari CA, Coleman RR, Vannetiello, L, Bachman TR. Likelihood-evidential support and Bayesian re-analysis on a prospective cohort of children and adolescents with mild scoliosis and chiropractic management. *J Ariz Nev Acad Sci* 2007; 39:99-111.

Bull PW, Genders WG, Hopkins SS, Lean EK. Dysmenorrhea and pelvic dysfunction: a possible clinical relationship. *Chiro J Aust* 2003;33:23-29

Lantz CA, Chen J. Effect of chiropractic intervention on small scoliotic curves in younger subjects: a time series cohort design. *J Manipulative Physiol Ther* 2001;24:385-393

Specht DL, DeBoer KF. Anatomical leg-length inequality, scoliosis and lordotic curve in unselected clinic patients. *J Manipulative Physiol Ther* 1991;14: 368-375

Hood RP. Blood pressure: results in 75 abnormal cases. *Dig Chiro Econ* 1974 (May/Jun);36-38.

Placebo

Chaibi A, Šaltytė Benth J, Bjørn Russell M. Validation of Placebo in a Manual Therapy Randomized Controlled Trial. *Sci Rep*. 2015 Jul 6;5:11774. doi: 10.1038/srep11774. PubMed PMID: 26145718; PubMed Central PMCID: PMC4491841.

Case Reports

Berg B. Resolution of fatigue, malaise & depression in a 30 year old male following subluxation-based chiropractic care utilizing Gonstead technique: a case study. *Annals Vertebral Sublux Res*

2016 Feb 29:Pages 10-20

Alcantara J, Miceli J. Resolution of constipation in an 8-month-old child following adjustment of vertebral subluxation [case report]. *J Pediatr Matern Fam Health-chiropr* 2016; 1:14-17

Sinnott R, Jenema PJ. Improvement following chiropractic care in a pediatric patient suffering from priapism [case report]. *J Pediatr Matern & Fam Health - Chiropr*. 2015 Win;2015(1):Online access only p 42-45

Mullin L, Yamazaki H. Restoration of symmetrical muscle tone and infant reflexes after chiropractic intervention of a neonate with concomitant apneic episodes. "Platform presentation." *Journal of Chiropractic Education* 2015;29(1): 72-89

Edwards J, Alcantara J. Chiropractic care of a pregnant patient with a history of migraine headaches, hypothyroidism, and tachycardia. *J Pediatr Matern Fam Health-chiropr* 2015;1:71-76

Sinnott R, Truter E. Chiropractic care of a Down's syndrome patient with vertebral subluxation and strabismus [case report]. *J Pediatr Matern & Fam Health - Chiropr*. 2015 Win; 2015(1):Online access only p 46-50

Mullin L, Esposito S, Gould J. The chiropractic management of infantile retrocollic cervical dystonia. . *Journal of Chiropractic Education* 2014; 28(1):55-82.

Hathaway A, Mullin L. Management of postpartum coccydynia with Chiropractic."Platform presentation". *Journal of Chiropractic Education* 2014;28(1):55-82

Fano R, Mullin J. Chronic post partum osteitis pubis managed with chiropractic [case report]. *J Matern Fam Health-Chiropr* 2013;1:15-17

Henry L. Chiropractic management in diffuse idiopathic skeletal hyperostosis: a case series. [case report]. *Ann Vert Sublux Res* 2013;1:12-17

Schwanz JW, Schwanz JT. Female infertility and subluxation-based Gonstead chiropractic care: a case study and selective review of the literature. *J Pediatr Matern Fam Health-Chiropr* 2012;4:85-94

Heagy DT, Wrubel S. Resolution of a twin breech presentation with the application of Webster and diversified chiropractic technique [case report]. *J Pediatr Matern Fam Health-Chiropr* 2012;4:118-121

Stewart A. Chiropractic management of a 22-month-old with syncope: a case report and suggested management within the chiropractic clinic. *Chiropr J Aust* 2012;42:25-30

Cooper B, Cooper V. Resolution of neurological symptoms related to a myelopathy after receiving chiropractic care: a case report. *Ann Vert Sublux Res* 2012;2:60-64

Dwyer PJ, Boysen J. Resolution of conductive hearing loss due to otitis media after chiropractic treatment. *J Clin Chiropr Ped* 2011;12(2) www.chiroindex.org has this citation as page 903 which may be incorrect

Heagy DT, Warren C. Resolution of night terrors and headaches in an adolescent female undergoing chiropractic care. *J Pediatr Matern Fam Health-Chiropr* 2011;2:43-49

Davis J. Resolution of chronic constipation in a 7 year old male undergoing subluxation-based chiropractic care. *J Pediatr Matern Fam Health-Chiropr* 2011;4:98-105

Sudano N, Robinson-LeBlanc D. Improved A1c levels in a patient with insulin-dependent type 1 diabetes undergoing chiropractic care: a case report. *J Pediatr Matern Fam Health-Chiropr* 2011;4:120-124

Davis J. Resolution of chronic constipation in a neonate following chiropractic care to reduce vertebral subluxation with Gonstead technique. *J Pediatr Matern Fam Health-Chiropr* 2011;3:92-97

Radpasand M. Use of a multimodal conservative management protocol for the treatment of a patient with cervical radiculopathy. *J Chiropr Med* 2011;10:36-46

Marriott CL, Winarski KD, Crisp CA. Resolution of vomiting in a 9-month-old following chiropractic care. *J Pediatr Matern Fam Health-Chiropr* 2011;12(1):865-868

Mullin L, Herring R. Deep vein thrombosis medically diagnosed as leg pain and sciatica: Diagnostic considerations for the care of the pregnant woman [case report]. *J Pediatr Matern & Fam Health - Chiropr*. 2012 Sum;2012(3):Online access only p 74-76

Chaibi A, Tuchin PJ. Chiropractic spinal manipulative treatment of migraine headache of 40-year duration using Gonstead method: a case study. *J Chiropr Med*. 2011 Sep;10(3):189-93. doi: 10.1016/j.jcm.2011.02.002. Epub 2011 Aug 6. PubMed PMID: 22014909; PubMed Central PMCID: PMC3259914.

Chaibi A, Tuchin PJ. Chiropractic spinal manipulative treatment of cervicogenic dizziness using Gonstead method: a case study. *J Chiropr Med*. 2011 Sep;10(3):194-8. doi: 10.1016/j.jcm.2011.06.001. Epub 2011 Aug 6. PubMed PMID: 22014910; PubMed Central PMCID: PMC3259942.

Gauthier E, Mullin L. The effects of Gonstead chiropractic care on a patient with primary amenorrhea: a case report and review of related literature. *J Pediatr Matern & Fam Health -*

Chiropr. 2010 Sum;2010(3):Online access only:116-121

Rodnick A, Rodnick P. Resolution of childhood nocturnal enuresis following subluxation-based chiropractic care. J Pediatr Matern & Fam Health - Chiropr. 2010;4:159-162

Alcantara J, Davis A, Oman RE. The effects of chiropractic on a child with transient motor tics using Gonstead and toggle techniques. J Pediatr Matern Fam Health-Chiropr 2009;2:9

Layton PD. Chiropractic care for a patient with subluxation and unsuccessful surgery of the lumbar spine. J Vert Sublux Res 2009 (January);10:105

Alcantara JD, Alcantara J, Alcantara J. Chiropractic care of a patient with Erb's palsy with a review of the literature. Clin Chiropr 2008;11:70-76

Esposito C. Chiropractic care of an adolescent patient with rumination and vertebral subluxation. J Vert Sublux Res 2008;25:1-4

Demitrius J. Post-traumatic upper cervical subluxation visualized by MRI: a case report. Chiropr Osteopat 2007;15:20

McCormick J. Improvement in nocturnal enuresis with chiropractic care: a case study. J Clin Chiropr Pediatr 2006;7(1):464-465. [possible incorrect pp from chiroindex.org]

Donaubauer KA. Chiropractic care and management of an adult hydrocephalic patient with ventriculoatrial and ventriculoperitoneal shunts: a case report [poster presentation; the Association of Chiropractic Colleges' Thirteenth Annual Conference. J Chiropr Ed 2006;20(1): 60-61

Alcantara J, Plaugher G, Elbert RA, Cherachanko D, Konlande JE. Chiropractic care of a geriatric patient with an acute fracture-subluxation of the eighth thoracic vertebra. J Manipulative Physiol Ther 2004;27(3):E4.

Gindl PS. Specific chiropractic adjusting of a child with Dejerine-Sottas disease. J Clin Chiropr Pediatr 2004;6(2):398-402...pp according to chiroindex.org

Alcantara J, Plaugher G, Elbert RA, Gatterman B. Chiropractic care of a patient with low back pain associated with subluxations and a Malgaigne- type 1 pelvic fracture. J Manipulative Physiol Ther 2004;26:358-365.

Lyons DD. Response to Gonstead chiropractic care in a 27-yr-old athletic female with a 5 year history of infertility. J Vert Sublux Res 2003 (Nov);9:3

Alcantara J, Plaugher G, Van Wyngarden DL. Chiropractic care of a patient with vertebral subluxations and Bell's palsy. *J Manipulative Physiol Ther* 2003;26:e14.

Alcantara J, Plaugher G, Araghi HJ. Chiropractic care of a pediatric patient with myasthenia gravis *J Manipulative Physiol Ther* 2003;26:390-4.

Sinnott R, Mullin L. Prompt resolution of a hypertensive emergency following a chiropractic upper cervical chiropractic adjustment: a case report. 10th annual Association of Chiropractic Colleges *J Chiropr Educ*. 2003 Spr;17(1):69-70

Alcantara J, Plaugher G, Klemp DD, Salem C. Chiropractic care of a patient with temporomandibular disorder and atlas subluxation. *J Manipulative Physiol Ther*. 2002;25:63-70.

Alcantara J, Plaugher G, Thornton RE, Salem C. Chiropractic care of a patient with vertebral subluxations and failed surgery of the cervical spine. *J Manipulative Physiol Ther* 2001; 24:477-482.

Mullin LE. Pediatric case management: brain tumor. *Today's Chiropr*. 1999 May/Jun;28(3):86-88.

Alcantara J, Steiner DM, Plaugher G, Alcantara J. Chiropractic management of a patient with myasthenia gravis and vertebral subluxations. *J Manipulative Physiol Ther* 1999;22:333-40.

Alcantara J, Heschong R, Plaugher G, Alcantara J. Chiropractic management of a patient with low back pain and epileptic seizures. *J Manipulative Physiol Ther* 1998;21:410-8.

Alcantara J, Plaugher G, Abblett D. Chiropractic management of a patient with a C6 lamina fracture and concomitant subluxation. *J Manipulative Physiol Ther* 1997; 20:113-23.

Plaugher G, Alcantara J, Hart CR. Chiropractic management of a patient with a Chance fracture of the lumbar spine and concomitant subluxation. *J Manipulative Physiol Ther* 1996; 19:539-51.

Plaugher G, Alcantara J, Cichy DL. Management of the patient with a superior end-plate burst fracture of C7 and concomitant subluxation: a case report. *J Clinical Chiropractic Pediatrics* 1996; 1:79-88.

Plaugher G, Alcantara J, Doble RW. Missed sacral fracture prior to chiropractic adjustment: a case report. *J Manipulative Physiol Ther* 1996; 19:480-3.

Araghi HJ. Post-traumatic evaluation and treatment of the pediatric patient with head injury: a case report. Proceedings of the 8th annual conference on research and education. Monterey, California. Consortium for Chiropractic Research, San Jose, CA, 1993:162

Plaughner G, Bachman TR. Chiropractic management of a hypertensive patient. *J Manipulative Physiol Ther* 1993; 16:544-549.

Pluhar GR, Schobert PD. Vertebral subluxation and colic: a case study. *Chiropractic: The Journal of Chiropractic Research and Clinical Investigation* 1991;7(3):October

Thornton RE. Cervical kyphosis. *The Journal of Clinical Chiropractic* (date unknown circa 1970) 192-193.

Headache

Chaibi A, Knackstedt H, Tuchin PJ, Russell MB. Chiropractic spinal manipulative therapy for cervicogenic headache: a single-blinded, placebo, randomized controlled trial. *BMC Res Notes*. 2017 Jul 24;10(1):310. doi: 10.1186/s13104-017-2651-4.

Chaibi A, Benth JRŠ, Tuchin PJ, Russell MB. Adverse events in a chiropractic spinal manipulative therapy single-blinded, placebo, randomized controlled trial for migraineurs. *Musculoskelet Sci Pract*. 2017 Jun;29:66-71. doi: 10.1016/j.msksp.2017.03.003. Epub 2017 Mar 14.

Chaibi A, Benth JŠ, Tuchin PJ, Russell MB. Erratum to 'Adverse events in a chiropractic spinal manipulative therapy single-blinded, placebo, randomized controlled trial for migraineurs' [*Musculoskeletal. Ther. and Pract.* 29C (2017) 66-71]. *Musculoskelet Sci Pract*. 2017 Oct;31:21. doi: 10.1016/j.msksp.2017.06.001. Epub 2017 Jun 17.

Chaibi A, Russell MB. Manual therapies for primary chronic headaches: a systematic review of randomized controlled trials. *J Headache Pain*. 2014 Oct 2;15:67. doi: 10.1186/1129-2377-15-67. Review. PubMed PMID: 25278005; PubMed Central PMCID: PMC4194455.

Chaibi A, Tuchin PJ, Russell MB. Manual therapies for migraine: a systematic review. *J Headache Pain*. 2011 Apr;12(2):127-33. doi: 10.1007/s10194-011-0296-6. Epub 2011 Feb 5.

Chaibi A, Tuchin PJ. Chiropractic spinal manipulative treatment of migraine headache of 40-year duration using Gonstead method: a case study. *J Chiropr Med*. 2011 Sep;10(3):189-93. doi: 10.1016/j.jcm.2011.02.002. Epub 2011 Aug 6. PubMed PMID: 22014909; PubMed Central PMCID: PMC3259914.

Chaibi A, Russell MB. Manual therapies for cervicogenic headache: a systematic review. *J Headache Pain*. 2012 Jul;13(5):351-9. doi: 10.1007/s10194-012-0436-7. Epub 2012 Mar 30. Review. PubMed PMID: 22460941; PubMed Central PMCID: PMC3381059.

Cremata EE. Chiropractic management of cephalgia. Dig Chiro Econ, 1982

Hypertension

Sinnott R, Mullin L. Prompt resolution of a hypertensive emergency following a chiropractic upper cervical chiropractic adjustment: a case report. 10th annual Association of Chiropractic Colleges J Chiropr Educ. 2003 Spr;17(1):69-70

Plaughner G, Long CR, Alcantara J, et. al. Practice-based randomized controlled-comparison clinical trial of chiropractic adjustments and brief massage treatment at sites of subluxation in subjects with essential hypertension: a pilot study. J Manipulative Physiol Ther 2002;25:221-239.

Plaughner G, Bachman TR. Chiropractic management of a hypertensive patient. J Manipulative Physiol Ther 1993; 16:544-549.

McKnight ME, DeBoer KF. Preliminary study of blood pressure changes in normotensive subjects undergoing chiropractic care. J Manipulative Physiol Ther. 1988 Aug;11(4):261-6.

Hood RP. Blood pressure: results in 75 abnormal cases. Dig Chiro Econ 1974 (May/Jun);36-38.

Lung Function and Asthma

Plaughner G. RCT-Pilot of Chiropractic Care in Childhood Asthma, Poster presentation, Association of Chiropractic Colleges (ACC) Conference, March 13-16, 2002

Bachman TR, Lantz CA. Management of pediatric asthma and enuresis with probable traumatic etiology. Proceedings of the national conference on chiropractic pediatrics. November, 1991, San Diego, California. International chiropractors association. Arlington, Virginia, 1991:14-22.

Menon M, Plaughner G, Jansen R, Dhami MSI, Sutowski J. Effect of thoracic spinal adjustment on peripheral airway function in normal subjects: a pilot study. Chiropractic Centennial Foundation, Washington, D.C. July 5-9, 1995 (Platform presentation)

Plain Film Radiography, X-ray Guidelines, X-ray Projectional Distortion, Spinography and Listings

Coleman RR, Lopes MA, Lopes DA. A Proposed Mathematical Method to Quantify y-Axis Pelvic Rotation on the Anteroposterior Radiograph. J Chiropr Med. 2017 Sep;16(3):204-210. doi: 10.1016/j.jcm.2017.08.002. Epub 2017 Sep 28.

Oakley P, Harrison D. Restoration of pediatric cervical lordosis: a review of the efficacy of chiropractic techniques and their methods. J Matern Fam Health-Chiropr 2015 (Summer); 3:112-116

Coleman RR, Cremata EJ, Lopes MA, Suttles RA, Fairbanks VR. Exploratory evaluation of the effect of axial rotation, focal film distance and measurement methods on the magnitude of projected lumbar retrolisthesis on plain film radiographs. J Chiropr Med 2014;13:247-59.

Cooperstein R. Actual and projected innominate height changes as a function of posterior innominate rotation. JACA online 2013;50(5):33-36

Coleman RR, Lopes MA, Suttles RA. Computer modeling of selected projectional factors of the 84-inch focal film distance anteroposterior full spine radiograph compared with 40-inch focal film distance sectional views. J Chiropr Med 2011;10:18-24

Jenkins H, Zheng X, Bull P. Prevalence of congenital abnormalities contraindicating spinal manipulative therapy within a chiropractic patient population. Chiro J Aust 2010;40:69-76

Slusher R, Shook B, Hozjan J, McCauley M, Hart J. The reliability of visual x-ray analysis of the cervical spine and pelvis: a preliminary study. Journal of Vertebral Subluxation Research ~ March 25, 2010: 1-7

Bull PW, Slane PR. Femur head height error on AP pelvic x-rays with alterations of source-to-image distance, central ray position and object-to-film distance. Chiro J Aust 2006;36:46-50

Bull PW, Cracknell DM. Organ dosimetry in spinal radiography: a comparison of 3-region sectional and full-spine techniques. Chiro J Aust 2006;36:33-39

Mullin LE. Radiographic Variability of the Intercrestal Line Conference Platform Presentation. Journal of Chiropractic Education 2005.

Dulhunty J. Geometrical considerations in assessing the validity of the gonstead method for measuring pelvic and ilium misalignments on pelvic radiographs. Chiro J Aust 2005;35:21-28

Weinert DJ. Influence of axial rotation on chiropractic pelvic radiographic analysis. J Manipulative Physiol Ther. 2005 Feb;28(2):117-21.

Coleman RR, Thomas IW. Movement of the projected pedicles relative to the projected vertebral body in a fourth lumbar vertebra during axial rotation. J Manipulative Physiol Ther 2004;27:403-7

Practicing Chiropractors' Committee on Radiology Protocols (PCCRP) For Biomechanical Assessment of Spinal Subluxation in Chiropractic Clinical Practice <http://www.pccrp.org/>

Coleman RR, Harrison DE, Bernard BB. The effects of combined x-axis translations and y-axis rotations on projected lamina junction offset. *J Manipulative Physiol Ther* 2001;24:509-13

Janik T, Harrison DE, Harrison DD, Holland B, Coleman RR, Payne MR. Reliability of lateral bending and axial rotation with validity of a new method to determine axial rotation on anteroposterior cervical radiographs. *J Manipulative Physiol Ther* 2001;24:445-8

Coleman R, Harrison D, Fischer T, Harrison SO. Correlation and quantification of relative 2-D Projected vertebral endplate z-axis rotations with 3-D y-axis vertebral rotations and focal spot elevations. *J Manipulative Physiol Ther* 2000; 23:414-9

Harrison DE, Cailliet R, Harrison DD, Janik TJ, Troyanovich SJ, Coleman RR. Lumbar coupling during lateral translations of the thoracic cage relative to a fixed pelvis. *Clinical Biomechanics* 1999; 14:704-9

Coleman RR, Bernard BB, Harrison DE. Correlation and quantification of projected 2-D radiographic images with actual 3-D y-axis vertebral rotations. *J Manipulative Physiol Ther* 1999; 22:21-5

Coleman RR, Bernard BB, Harrison DE. The effects of x-axis vertebral translation on projected y-axis vertebral rotation. *J Manipulative Physiol Ther* 1998; 21:333-40

Harrison DE, Harrison DD, Troyanovich SJ. Reliability of spinal displacement analysis of plain X-rays: a review of commonly accepted facts and fallacies with implications for chiropractic education and technique. *J Manipulative Physiol Ther*. 1998 May;21(4):252-66.

Dulhunty JA. A mechanical and graphical evaluation of the Gonstead pelvic radiographic analysis. *Chiropr J Aust* 1997; 27:98-110

Plaugh G, Hendricks AH, Doble RW, Bachman TR, Araghi HJ, Hoffart VM. The reliability of patient positioning for evaluating static radiological parameters of the human pelvis. *J Manipulative Physiol Ther* 1993; 16:517-522.

Harrison D. The pelvic listings of EX-IN, AS-IN and PI-EX are figments of your "projected" imagination. *Am J Clin Chiro* 1993;3(2):18

Plaugh G. The role of plain film radiography in chiropractic clinical practice. *Chiropractic Journal of Australia* 1992; 22(4):153-161.

Plaughner G, Hendricks AH. The inter- and intraexaminer reliability of the Gonstead pelvic marking system. J Manipulative Physiol Ther. 1991 Nov-Dec;14(9):503-8.

Plaughner G, Cremata EE, Phillips RB. A retrospective consecutive case analysis of pre-treatment and comparative static radiological parameters following chiropractic adjustments. J Manipulative Physiol Ther 1990; 13:498-506.

Burk JM, Rhudy TR, Ratliff CR. Inter- and intra-examiner agreement using Gonstead line marking methods. Am J Chiro Med 1990; 3:114-117 [see letter to the editor below]

Moroney S, Plaughner G, Cremata E, Jansen R, Nansel D. Critique of a biplanar stereoradiometric method. International Conference on Spinal Manipulation 1989.

Moroney S, Plaughner G, Cremata E, Jansen R, Nansel D. Experimental motions of a calibrated physical model with a biplanar radiometric method. International Conference on Spinal Manipulation 1990.

Zengel F, Davis BP. Biomechanical analysis by chiropractic radiography: Part III. Lack of effect of projectional distortion on Gonstead vertebral endplate lines. J Manipulative Physiol Ther. 1988 Dec;11(6):469-73.

Zengel F, Davis BP. Biomechanical analysis by chiropractic radiography: Part II. Effects of X-ray projectional distortion on apparent vertebral rotation. J Manipulative Physiol Ther. 1988 Oct;11(5):380-9.

Zengel F, Davis BP. Biomechanical analysis by chiropractic radiography: Part I. A simple method for determining X-ray projectional distortion. J Manipulative Physiol Ther. 1988 Aug;11(4):273-80.

Gerow G. Osseous configurations of the axial skeleton: specific application to spatial relationships of vertebrae. J Manipulative Physiol Ther. 1984 Mar;7(1):33-8.

Troxell JL. An expansion to the Gonstead listing system. Digest of Chiropractic Economics 1984 (Mar/Apr):130

Gohl RA. Clinical biomechanical spinal analysis. Marking system Phase 1. Gonstead marking System, 1983.

Schram SB, Hosek RS, Silverman HL. Spinographic positioning errors in Gonstead pelvic x-ray analysis. J Manipulative Physiol Ther 1981;4:179-181

Jeffrey KR. X-ray analysis of differential leg length and pelvic torsion. Dissertation. Anglo-European College of Chiropractic, Bournemouth, UK, 1981

Gohl RA. "14X36" Chiropractic Specialty. Simple instruction for quality xrays. circa 1980.

Phillips RB. An evaluation of the graphic analysis of the pelvis on the AP full spine radiograph. ACA Journal Chiro 1975 (Dec);9:s139-s148

Phillips RB. An evaluation of chiropractic x-rays by the diplomate members of the American chiropractic college of roentgenology. ACA J Chiro 1980;14:s80-s88

Hardman LA, Henderson J. Comparative dosimetric evaluation of current techniques in chiropractic full-spine and sectional radiography. J Can Chiro Assoc 1981;25:141-145

Galvanic Skin Response

Plaughner G, Haas M, Doble RW jr, et. al The interexaminer reliability of a galvanic skin response instrument 1993;16:453-459

Nansel DD , Jansen RD. Concordance between galvanic skin response and spinal palpation findings in pain-free males. J Manipulative Physiol Ther 1988;11(4):267-272

Fireczak SW. Innovations in the Gonstead technique. Today's Chiropractic 1990 (July/Aug) 46-49

Palpation

Cooperstein R, Young M, Lew M. Validity of palpation of the C1 transverse process: Comparison with a radiographic reference standard. J Can Chiro Assoc 2015;59:91-100

Cooperstein R, Young M. Mapping intended spinal site of care from the upright to prone position: an interexaminer reliability study. Chiropr and Manual Ther 2014;22(20):14

Barton D, Mullin L. Interexaminer accuracy of seated motion palpation for the identification of the lowest lumbar freely movable segment. Journal of Chiropractic Education 2011; 25(1): 72-104.

Mullin L. Identification of the lowest lumbar vertebra with extension palpation Conference Platform Presentation". Journal of Chiropractic Education: Spring 2008; 22(1):48-82

Guidelines

Jenkins H, Zheng X, Bull P. Prevalence of congenital abnormalities contraindicating spinal manipulative therapy within a chiropractic patient population. Chiro J Aust 2010;40:69-76

Practicing Chiropractors' Committee on Radiology Protocols (PCCRP) For Biomechanical Assessment of Spinal Subluxation in Chiropractic Clinical Practice <http://www.pccrp.org/>

Plaughner G. Chiropractic and cerebrovascular accidents: dispelling the myths. *Dynamic Chiropractic*. July 15, 1994

Mootz RD, Hansen DT, Adams AH. The value of leg length inequality and specific contact short lever adjusting in chiropractic practice: results of a consensus process by chiropractic expert panels. *Chiropractic Technique* 1993;5(1):26-31

Plaughner G. The role of plain film radiography in chiropractic clinical practice. *Chiropractic Journal of Australia* 1992; 22(4):153-161.

Plaughner G. Research, politics and practice. *Today's Chiropractic* 1992; Nov/Dec:21

Plaughner G. Outcomes research: misuse and misinterpretation. *Today's Chiropractic* 1992; Nov/Dec:18-20.

Canine Studies

Thude TR. Chiropractic abnormalities of the lumbar spine significantly associated with urinary incontinence and retention in dogs. *J Small Anim Pract*. 2015 Dec;56(12):693-7. doi: 10.1111/jsap.12420.

Leg Length Inequality

Bull PW, Slane PR. Femur head height error on AP pelvic x-rays with alterations of source-to-image distance, central ray position and object-to-film distance. *Chiro J Aust* 2006;36:46-50

Specht DL, DeBoer KF. Anatomical leg-length inequality, scoliosis and lordotic curve in unselected clinic patients. *J Manipulative Physiol Ther* 1991;14: 368-375

Fair K. The soft shoe lift as the most advanced adjunct to chiropractic structural correction. *Dig Chiro Econ* 1993 (May/Jun) 36-37

Education

Wanlass PW, Sikorski DM, Kizhakkeveetil A, Tobias GS. The association between students taking elective courses in chiropractic technique and their anticipated chiropractic technique choices in future practice. *J Chiropr Educ*. 2018 Mar 12. doi: 10.7899/JCE-17-11. [Epub ahead of print]

Owens EF Jr, Hosek RS, Sullivan SG, Russell BS, Mullin LE, Dever LL. Establishing force and speed training targets for lumbar spine high-velocity, low-amplitude chiropractic adjustments. *J Chiropr Educ*. 2015 Nov 24. [Epub ahead of print]. *J Chiropr Educ*. 2016 Mar;30(1):7-13. doi: 10.7899/JCE-15-5. Epub 2015 Nov 24.

Leone A. Relationship between techniques taught and practice behavior: education and clinical correlation. *J Manipulative Physiol Ther*. 1999 Jan;22(1):29-31.

Bisiacchi DW. Self-perceived skills confidence: an investigative study of chiropractic students in the early phases of a college's clinic program.. *J Manipulative Physiol Ther*. 2010 Mar-Apr; 33(3):201-6. doi: 10.1016/j.jmpt.2010.01.006.

Ndetan HT, Rupert RL, Bae S, Singh KP. Prevalence of musculoskeletal injuries sustained by students while attending a chiropractic college.. *J Manipulative Physiol Ther*. 2009 Feb;32(2): 140-8. doi: 10.1016/j.jmpt.2008.12.012.

Mykietiuik C, Wambolt M, Pillipow T, Mallay C, Gleberzon B. Technique systems used by post-1980 graduates of the Canadian Memorial Chiropractic College practicing in five Canadian provinces: A preliminary survey. *J Can Chiro Assoc* 2009;53:32-39

Amman MJ. A profession seeking clinical competency; the role of the Gonstead chiropractic technique. *Chiropr History* 2008;28:81-91

Hynes RJR, Callender AK. Technique in the classroom at Palmer College of Chiropractic: a history in the art of chiropractic. *J Chiropr Humanities* 2008;15:55-66

Gleberzon BJ. Name techniques in Canada: current trends in utilization rates and recommendations for their inclusion at the Canadian Memorial Chiropractic College. *J Can Chiropr Assoc* 2000;44:157-168

Leone A. Relationship between techniques taught and practice behavior: education and clinical correlation. *J Manipulative Physiol Ther* 1999;22:29-31
Sports

Gong W. The influence of pelvic adjustment on vertical jump height in female university students with functional leg length inequality. *J Phys Ther Sci*. 2015 Jan;27(1):251-3. doi: 10.1589/jpts.27.251. Epub 2015 Jan 9

Manipulation Under Anesthesia

Gordon R, Cremata E, Hawk C. Guidelines for the practice and performance of manipulation

under anesthesia. *Chiropr Man Therap*. 2014 Feb 3;22(1):7. doi: 10.1186/2045-709X-22-7.

Cremata E, Collins S, Clauson W, Solinger AB, Roberts ES. Manipulation under anesthesia: a report of four cases. *J Manipulative Physiol Ther*. 2005 Sep;28(7):526-33.

Biomechanics of the Adjustment

Lopes MA, Plaughner G. Response to "Forces of Commonly Used Chiropractic Techniques for Children: A Review of the Literature". *J Manipulative Physiol Ther*. 2017 Mar - Apr;40(3):214-215. doi: 10.1016/j.jmpt.2016.10.015. Epub 2017 Mar 1. PubMed PMID: 28259494.

Triano JJ, Lester S, Starmer D, Hewitt EG. Manipulation Peak Forces Across Spinal Regions for Children Using Mannequin Simulators. *J Manipulative Physiol Ther*. 2017 Mar - Apr;40(3):139-146. doi: 10.1016/j.jmpt.2017.01.001. Epub 2017 Mar 6. PubMed PMID: 28274487

Maruti Ram Gudavalli and Robert M Rowell. Three-dimensional chiropractor-patient contact loads during side posture lumbar spinal manipulation: a pilot study
Chiropractic & Manual Therapies 2014;22:29. <http://chiromt.biomedcentral.com/articles/10.1186/s12998-014-0029-4> "...The chiropractors examined the participants for palpatory tenderness, spinal hypomobility, and any contraindication to spinal manipulation. The examination included history, vital signs, review of systems, an orthopedic examination, a brief neurological screen, and a spinal examination. Patients were excluded if contraindications to manipulation were found. Two licensed chiropractors evaluated the spinal segments for hypomobility using palpatory examination and delivered HVLA-SM to the lumbar spine of the participants in a side-lying posture. The participant was positioned in a side-lying (lateral recumbent) posture. The superior or free hip and knee were flexed and adducted across the midline. The chiropractor stabilized the participant by leaning his/her own leg against the participant's superior leg, while holding the participant's superior shoulder. The manipulation was applied with the chiropractor's hand by thrusting into the spine or sacroiliac joint. The thrusting load is a quick, short, controlled movement of the shoulder, arm and hand combined with a slight body drop..... The two chiropractors delivered a total of 14 thrusts to the five asymptomatic volunteers. Table 1 summarizes descriptively the 3-D forces, durations, and loading rates for all 14 spinal manipulations as well as for the two chiropractors. Normal force (Fz) is the dominating force, followed by inferior-superior force (Fx), and the lateral force (Fy) which occurred in both directions...."

Owens EF Jr, Hosek RS, Mullin L, Dever L, Sullivan SGB, Russell BS. Thrust Magnitudes, Rates, and 3-Dimensional Directions Delivered in Simulated Lumbar Spine High-Velocity, Low-Amplitude Manipulation. *J Manipulative Physiol Ther*.

2017 Jul - Aug;40(6):411-419. doi: 10.1016/j.jmpt.2017.05.002. Epub 2017 Jun 21.
PubMed PMID: 28645452.

Owens EF Jr, Hosek RS, Sullivan SG, Russell BS, Mullin LE, Dever LL.
Establishing force and speed training targets for lumbar spine high-velocity,
low-amplitude chiropractic adjustments. J Chiropr Educ. 2016 Mar;30(1):7-13. doi:
10.7899/JCE-15-5. Epub 2015 Nov 24. PubMed PMID: 26600272; PubMed Central PMCID:
PMC4771001.

Downie AS, Vemulapad S, Bull PW. Quantifying the high-velocity, low-amplitude spinal
manipulative thrust: A systematic review [review]. J Manipulative Physiol Ther 2010;33:542-553

Kawchuk GN, Herzog W. Biomechanical characterization (fingerprinting) of five novel methods
of cervical spine manipulation. J Manipulative Physiol Ther. 1993 Nov-Dec;16(9):573-7

Herzog W. Mechanical and physiological responses to spinal manipulative treatments. JNMS: J
Neuro Musculoskeletal Syst 1995;3:1-9

Gal JM, Herzog W, Kawchuk GN, Conway PJ, Zhang YT. Forces and relative vertebral
movements during SMT to unembalmed post-rigor human cadavers: peculiarities associated with
joint cavitation. J Manipulative Physiol Ther 1995;18:4-9

Herzog W, Kawchuk GN, Conway PJ. relationship between preload and peak forces during spinal
manipulative treatments. JNMS J Neuromusculoskeletal Syst 1993;1:52-58

Adams AA, Wood J. Changes in force parameters with practice experience for selected low back
adjustments. Res Forum 1985 (winter);1(2):40-48

Adams AA, Wood J. Forces used in selected chiropractic adjustments of the low back: a
preliminary study. Res Forum 1984 (Autumn) 1(1):5-9

Adams AA, Wood J. Comparison of forces used in selected adjustments of the low back by
experienced chiropractors and chiropractic students with no clinical experience. Res Forum 1984
(Autumn) 1(1):16-23

Adjustment Effects

Gong W. The influence of pelvic adjustment on vertical jump height in female university
students with functional leg length inequality. J Phys Ther Sci 2015;27:251-253

Cho M, Jun I. Effects of pelvic adjustment on female university students' gait variables.
J Phys Ther Sci. 2014 May;26(5):759-62. doi: 10.1589/jpts.26.759. Epub 2014 May 29.

Cho M. The influence of pelvic adjustment on the posture of female university students. J Phys Ther Sci. 2013 Jul;25(7):785-7. doi: 10.1589/jpts.25.785. Epub 2013 Aug 20.

Nansel DD, Peneff A, Quitoriano J. Effectiveness of upper versus lower cervical adjustments with respect to the amelioration of passive rotational versus lateral-flexion end-range asymmetries in otherwise asymptomatic subjects. J Manipulative Physiol Ther 1992;2:99-105

Nansel D, Peneff A, Cremata E, Carlson J. Time course considerations for the effects of unilateral lower cervical adjustments with respect to the amelioration of cervical lateral-flexion passive end-range asymmetry. J Manipulative Physiol Ther. 1990 Jul-Aug;13(6):297-304.

Plaughner G, Cremata EE, Phillips RB. A retrospective consecutive case analysis of pre-treatment and comparative static radiological parameters following chiropractic adjustments. J Manipulative Physiol Ther 1990; 13:498-506.

Nansel DD, Cremata E, Carlson J, Szlazak M. Effect of unilateral spinal adjustments on goniometrically-assessed cervical lateral-flexion end-range asymmetries in otherwise asymptomatic subjects. J Manipulative Physiol Ther. 1989 Dec;12(6):419-27.

Nansel D, Jansen R, Cremata E, Dhami MS, Holley D Effects of cervical adjustments on lateral-flexion passive end-range asymmetry and on blood pressure, heart rate and plasma catecholamine levels. J Manipulative Physiol Ther. 1991 Oct;14(8):450-6.

McKnight ME, DeBoer KF. Preliminary study of blood pressure changes in normotensive subjects undergoing chiropractic care. J Manipulative Physiol Ther. 1988 Aug;11(4):261-6.

Harris W, Wagnon RJ. The effects of chiropractic adjustments on distal skin temperature. J Manipulative Physiol Ther 1987;10:57-60

Scoliosis

Menke JM, Plaughner G, Carrari CA, Coleman RR, Vannetiello, L, Bachman TR. Likelihood-evidential support and Bayesian re-analysis on a prospective cohort of children and adolescents with mild scoliosis and chiropractic management. J Ariz Nev Acad Sci 2007; 39:99-111.

Lantz CA, Chen J. Effect of chiropractic intervention on small scoliotic curves in younger subjects: a timer series cohort design. J Manipulative Physiol Ther 2001;24:385-393

Specht DL, DeBoer KF. Anatomical leg-length inequality, scoliosis and lordotic curve in unselected clinic patients. J Manipulative Physiol Ther 1991;14: 368-375

Temporomandibular Disorder

Alcantara J, Plaughner G, Klemp DD, Salem C. Chiropractic care of a patient with temporomandibular disorder and atlas subluxation. *J Manipulative Physiol Ther*. 2002;25:63-70.

Post/Failed Surgery

Layton PD. Chiropractic care for a patient with subluxation and unsuccessful surgery of the lumbar spine. *J Vert Sublux Res* 2009 (January);10:105

Alcantara J, Plaughner G, Thornton RE, Salem C. Chiropractic care of a patient with vertebral subluxations and unsuccessful surgery of the cervical spine. *J Manipulative Physiol Ther* 2001; 24:477-482.

Myasthenia Gravis

Alcantara J, Plaughner G, Araghi HJ. Chiropractic care of a pediatric patient with myasthenia gravis *J Manipulative Physiol Ther* 2003;26:390-4.

Alcantara J, Steiner DM, Plaughner G, Alcantara J. Chiropractic management of a patient with myasthenia gravis and vertebral subluxations. *J Manipulative Physiol Ther* 1999;22:333-40.

Bell's Palsy

Alcantara J, Plaughner G, Van Wyngarden DL. Chiropractic care of a patient with vertebral subluxations and Bell's palsy. *J Manipulative Physiol Ther* 2003;26:e14.

Epilepsy

Alcantara J, Heschong R, Plaughner G, Alcantara J. Chiropractic management of a patient with low back pain and epileptic seizures. *J Manipulative Physiol Ther* 1998;21:410-8.

Pediatrics

Alcantara J, Ohm J, Kunz D. The safety and effectiveness of pediatric chiropractic: a survey of chiropractors and parents in a practice-based research network.. *Explore (NY)*. 2009 Sep-Oct;5(5):290-5. doi: 10.1016/j.explore.2009.06.002.

Menke JM, Plaughner G, Carrari CA, Coleman RR, Vannetiello, L, Bachman TR. Likelihood-evidential support and Bayesian re-nalysis on a prospective cohort of children and adolescents with mild scoliosis and chiropractic management. *J Ariz Nev Acad Sci* 2007; 39:99-111.

Plaughner G, Alcantara J. Adjusting the pediatric spine. *Top Clin Chiro* 1997; 4:59-69.

Reed WR, Beavers S, Reddy SK, Kern G. Chiropractic management of primary nocturnal enuresis. *J Manipulative Physiol Ther* 1994;17:596-600.

Nocturnal Enuresis

Reed WR, Beavers S, Reddy SK, Kern G. Chiropractic management of primary nocturnal enuresis. *J Manipulative Physiol Ther* 1994;17:596-600.

Cervical Fracture

Alcantara J, Plaughner G, Abblett D. Chiropractic management of a patient with a C6 lamina fracture and concomitant subluxation. *J Manipulative Physiol Ther* 1997; 20:113-23.

Plaughner G, Alcantara J, Cichy DL. Management of the patient with a superior end-plate burst fracture of C7 and concomitant subluxation: a case report. *J Clinical Chiropractic Pediatrics* 1996; 1:79-88.

Thoracic Fracture

Alcantara J, Plaughner G, Elbert RA, Cherachanko D, Konlande JE. Chiropractic care of a geriatric patient with an acute fracture-subluxation of the eighth thoracic vertebra. *J Manipulative Physiol Ther* 2004;27(3):E4.

Lumbar Fracture

Plaughner G, Alcantara J, Hart CR. Chiropractic management of a patient with a Chance fracture of the lumbar spine and concomitant subluxation. *J Manipulative Physiol Ther* 1996; 19:539-51.

Pelvic Fracture

Alcantara J, Plaughner G, Elbert RA, Gatterman B. Chiropractic care of a patient with low back pain associated with subluxations and a Malgaigne- type 1 pelvic fracture. *J Manipulative Physiol Ther* 2004;26:358-365.

Plaughner G, Alcantara J, Doble RW. Missed sacral fracture prior to chiropractic adjustment: a case report. *J Manipulative Physiol Ther* 1996; 19:480-3.

Knee Chest Table

Plaughner G, Lopes MA. The knee chest table: indications and contraindications. *Chiropractic Technique* 1990; 2:163-167.

Retrolisthesis

Coleman RR, Cremata EJ, Lopes MA, Suttles RA, Fairbanks VR. Exploratory evaluation of the effect of axial rotation, focal film distance and measurement methods on the magnitude of projected lumbar retrolisthesis on plain film radiographs. *J Chiropr Med* 2014;13:247-59

Lopes MA, Plaughner G, Ray S. Technique for closed reduction of retrolisthesis of the lumbar spine: a report of two cases. *International Conference on Spinal Manipulation* 1991.

Plaughner G, Cremata EE, Phillips RB. A retrospective consecutive case analysis of pre-treatment and comparative static radiological parameters following chiropractic adjustments. *J Manipulative Physiol Ther* 1990; 13:498-506.

Shaffer WO, Spratt KF, Weinstein J, Lehman TR, Goel V. The consistency and accuracy of roentgenograms for measuring sagittal translation in the lumbar vertebral motion segment. An experimental study. *Spine* 1990;15:741-750.

Thermography

Ebrall PS, Iggo A, Hobson P, Farrant G. Preliminary report: the thermal characteristics of spinal levels identified as having differential temperature by contact thermocouple measurement (Nervo Scope). *Chiro J Australia* 1994; 24:139-146

Plaughner G. Skin temperature assessment for neuromusculoskeletal abnormalities of the spinal column. *J Manipulative Physiol Ther* 1992; 15:365-381

Plaughner G, Lopes MA, Melch PE, Cremata EE. The inter- and intraexaminer reliability of a paraspinal skin temperature differential instrument. *J Manipulative Physiol Ther* 1991; 14:361-367.

Perdew W, Jenness ME, Daniels JS, et. al. A determination of the reliability and concurrent validity of certain body surface temperature measuring instruments. *Dig Chiro Econ* 1976;May/Jun:60-65

Trott PH, Maitland GD, Gerrard B. The neurocalometer: a survey to assess its value as a diagnostic instrument. Med Journal Australia 1972; 1:464-467

Gonstead CW[sic]. Nervo-scope: evaluation and recommendations. The Journal of Clinical Chiropractic [circa 1970].72-76

Sports

Gong W. The influence of pelvic adjustment on vertical jump height in female university students with functional leg length inequality. J Phys Ther Sci 2015;27:251-253

Lopes MA. Chiropractic spine care for the athlete. Top Clin Chiropr 1997;4(2):9-26

History and Overviews of the Gonstead System

Amman MJ. Gonstead the Adjustor. Santa Cruz, CA: Gonstead Council Studies Society, 2017

Coleman RR, Wolf KH, Dever LL, Coleman JM, Wenham TJ. Does the chiropractic of Modernized Chiropractic still live? Chiropractic History 35(2) 20-35

Coleman RR, Wolf KH, Lopes MA, Coleman JM. History or Science. The Controversy over Chiropractic Spinography. Chiropractic History 2013;33:66-81

Coleman RR, Wolf KH, Taylor JA. The Gonstead Clinical Studies Society. Chiropractic History 2012;32-9-19. with erratum 2013;32(2):6.

Amman MJ. A profession seeking clinical competency; the role of the Gonstead chiropractic technique. Chiropr History 2008;28:81-91

Amman MJ. The machines and tools of Dr. Clarence S. Gonstead. Chiropr History 2007;27:55-58

Hynes RJR, Callender AK. Technique in the classroom at Palmer College of Chiropractic: a history in the art of chiropractic. J Chiropr Humanities 2008;15:55-66

Cooperstein R. Gonstead chiropractic technique (GCT). J Chiro Med 2003;2:16-24

Cooperstein R, Gleberzon BJ. Technique systems in Chiropractic. Edinburgh: Churchill Livingstone 2004, pp 161-171.

Gleberzon BJ. Name techniques in Canada: current trends in utilization rates and recommendations for their inclusion at the Canadian Memorial Chiropractic College. J Can

Chiropr Assoc 2000;44:157-168

Gleberzon BJ. Chiropractic name techniques in Canada: a continued look at demographic trends and their impact on issues of jurisprudence. J Can Chiropr Assoc 2002;46:241-256

Mullin LE. Dr. Clarence Gonstead: Observing the Life and Accomplishments of a Chiropractic Pioneer. Today's Chiropractic 1998 May/Jun;27(3):32-37

Plaughner G. Clinical applications of the vertebral subluxation complex: the kinesiology component. Proceedings of the 10th annual conference on research and education. San Diego, CA. Consortium for Chiropractic Research, San Jose, CA, 1996:70-75

Lopes MA. Clinical applications of the vertebral subluxation complex. Proceedings of the 10th annual conference on research and education. San Diego, CA. Consortium for Chiropractic Research, San Jose, CA, 1996:88-93

Plaughner G. Specific-contact, short-lever-arm articular procedures: advances in the Gonstead technique. In: Lawrence DJ, Cassidy D, McGregor M, et al, eds. Advances in chiropractic 1994. Mosby-Year Book, St. Louis, Missouri

Edlund K. Book Review. Textbook of clinical chiropractic: a specific biomechanical approach. Edited by Gregory Plaughner. Euro J Chiropr 1994;42(2):61

Fireczak SW. Innovations in the Gonstead technique. Today's Chiropractic 1990 (July/Aug) 46-49

Cremata EE, Plaughner G, Cox WA. Technique system application: the Gonstead approach. Chiropractic Technique 1991; 3(1):19-25

Goble, Mary E. The Master's touch. A history of C.S. Gonstead and his legacy. PRIDE! Incorporated Attn: Dr. C. E. Goble 116 East Pearl St. PO Box 250, Winamac, Indiana, 46996. 1990.

Dorman P, Osborne D. Gonstead, Cyriax, McKenzie and "the danger within." Dig Chiro Econ 1992 (May/Jun);35(1):30

Cox AW. The Gonstead system. American Chiropractor 1992 (Nov/Dec), p. 38

Plaughner G. Approaches to validating chiropractic technique: the Gonstead perspective. International Conference on Spinal Manipulation. Washington D.C. 1991 pp 365-369.

Clemen M. The advantages of the cervical chair technique. Today's Chiropractic 1989 (Jul/Aug) 74-77

Firczak SW. A review of the Gonstead technique. Today's Chiropractic 1987 (August): 57-59

Cox WA. The Gonstead technique. Today's Chiropractic 1986 (May/Jun) p. 75

Cox WA. Interview [with Dr. Cox]. American Chiropractor 1984 (May):15-20

Blaurick-Busch E. What's new at Gonstead? An exclusive interview with Drs Alex and Doug Cox, Mt Horeb, WI and Dr. Juan Ferry South Weymouth, MA. Digest of Chiropractic Economics 1984 (May/Jun)p. 69

Cox WA. The Gonstead system. American Chiropractor 1982 (Jul/Aug) p. 68

Cox WA. Overview of the Gonstead technique. In: Mazzarelli JP, ed. Chiropractic Interprofessional research 1982 pp 41-46. Offset Olona, Milano, Italia

Fernandez PG. The miracle man, Chiropractic Achievers 1987 (Fall) pp. 41-44

Firczak SW. The Gonstead technique: a review. Today's Chiropractic 1988 (July/Aug) pp-25-26

Maltezopoulos V, Armitage N. A comparison of four chiropractic systems in the diagnosis of sacroiliac malfunction. Eur J Chiropr 1984;32:4-42

Am Chiropr (May) 1984:14-18.20. Interview. Cornerstone: W. Alex Cox DC.

Butler M. Gonstead: 50 years. Today's Chiropractic 1973 (Aug/Sept) pp. 24-26

<http://www.chiro.org/Plus/History/navigate.html>. The historical archive of Joseph C. Keating Jr, Ph.D.

The Chiropractic Journal (NCA and ICC) 1933 (March). 1(3). p. 29. The Colorado situation by Hon. Frank Winter. Gonstead of Wisconsin

ICA International Review of Chiropractic.1955 (Nov) [10(5)] p. 16

Digest of Chiropractic Economics 1958 (Jul/Aug) [1(1)] p. 13

Digest of Chiropractic Economics 1963 [6(3)] p. 46

Digest of Chiropractic Economics 1964 (May/Jun) [6(6)] p. 22

Digest of Chiropractic Economics 1964 (Jul/Aug) [7(1)] p. 44

Digest of Chiropractic Economics 1964 (Nov/Dec) [7(3)] p. 29

Digest of Chiropractic Economics 1965 (Sept/Oct) [8(2)] p. 4, pp 6-7, 22, 65

Digest of Chiropractic Economics 1966 (Jan/Feb) [8(4)] p. 25

Digest of Chiropractic Economics 1966 (Mar/Apr) [8(5)] pp. 32-3, 42-43

Digest of Chiropractic Economics 1966 (May/Jun) [8(6)] p. 13

Digest of Chiropractic Economics 1966 (Jul/Aug) [9(1)] p. 27

Digest of Chiropractic Economics 1966 (Sept/Oct) [9(2)] p. 43

Digest of Chiropractic Economics 1967 (Mar/Apr) [9(5)] p. 57

Digest of Chiropractic Economics 1967 (May/Jun) [9(6)] p. 29

Digest of Chiropractic Economics 1967 (Jul/Aug) [10(1)] p. 35

Digest of Chiropractic Economics 1967 (Nov/Dec) [10(3)] p. 24, 47

Digest of Chiropractic Economics 1968 (Mar/Apr) [10(5)] p. 58

Digest of Chiropractic Economics 1968 (May/Jun) [10(6)] p. 10-12, 58

ACA Journal of Chiropractic 1968 (July) [5(7)] pp. 12-15

Digest of Chiropractic Economics 1968 (Nov/Dec) [11(3)] p. 4

Digest of Chiropractic Economics 1969 (Jan/Feb) [11(4)] p. 6

Digest of Chiropractic Economics 1970 (Jan/Feb) [12(4)] p. 39

Digest of Chiropractic Economics 1971 (Mar/Apr) [13(5)] p. 5. Gonstead method of case management: the low back syndrome pp. 24-25. By Linda Rhodes DC

Digest of Chiropractic Economics 1971 (May/Jun) [13(6)] supplement A, p. 19

Digest of Chiropractic Economics 1971 (Jul/Aug) [14(1)] p. 4, Article on x-ray by Douglas Cox DC, pp 40-41. Gonstead on... the level foundation: excerpts from the new "Gonstead Notes."

Digest of Chiropractic Economics 1971 (Sept/Oct) [14(2)] pp 34-35.

Digest of Chiropractic Economics 1972 (Jan/Feb) [14(4)] pp 30-31

Digest of Chiropractic Economics 1972 (Mar/Apr) [14(5)]

Digest of Chiropractic Economics 1972 (Jul/Aug) [15(1)] pp. 50-51

Digest of Chiropractic Economics 1972 (Nov/Dec) [15(3)] pp. 42-43. Peter Martin DC

Chiropractic Year Book 1972. David Lindsey, DC. p. 50

Today's Chiropractic 1973 (Aug/Sept):5. "Three expansions: Dr. C.S. Gonstead celebrates 50 years in chiropractic. [author unknown]

Digest of Chiropractic Economics 1973 (Jan/Feb) [15(4)] pp. 42-43

Digest of Chiropractic Economics 1973 (Mar/Apr) [15(5)] pp. 42-43

Digest of Chiropractic Economics 1973 (May/Jun) [15(6)] pp 42-43

Digest of Chiropractic Economics 1973 (Sept/Oct) [16(2)] p. 78

Digest of Chiropractic Economics 1978 (Nov/Dec) [21(3)] Joseph Janse DC, ND "A great distinguished clinician and teacher is called home." p. 28

Digest of Chiropractic Economics 1979 (Jan/Feb) [21(4)] p. 6, pp14-15, p. 63

Letters to the Editor

Lopes MA. Paraspinal skin temperature assessment rating incongruent with the data from studies (From www.chiromt.com). (2013-11-27 04:00)

Plaugher G. Structural rehabilitation of the spine and posture: rationale for treatment beyond the resolution of symptoms [Letter to the Editor]. J Manipulative Physiol Ther. 2000;23:436-7.

Plaugher G, Burrow MN. Structural rehabilitation of the spine and posture: rationale for treatment beyond the resolution of symptoms. J Manipulative Physiol Ther. 1999;22:488-91.

Plaugher G, Burrow MN. Re: Three-dimensional spinal coupling mechanics--Part II: implications for chiropractic theories and practice [Letter to the Editor]. J Manipulative Physiol Ther 1999;22:353-5.

Plaughner G, Burrow MN. Re: Three-dimensional spinal coupling mechanics: Part I--a review of the literature [Letter to the Editor]. J Manipulative Physiol Ther 1999;22:350-2.

Hart J. Xray development[letter]. Today's Chiropr 1998 (Sep/Oct);27(5):13

Walter P. Gonstead pelvic analysis evaluation. Chiropr J Aust 1998;28:26

Plaughner G. Osteopathy, chiropractic, and spinal manipulation. Ann Intern Med. 1993 Apr 15;118(8):651; author reply 652-3

Plaughner G. Compression fractures in patients undergoing spinal manipulative therapy. J Manipulative Physiol Ther. 1993 Mar-Apr;16(3):193-5.

Plaughner G. The effect of spinal manipulation on pain and prostaglandin levels in women with primary dysmenorrhea. J Manipulative Physiol Ther. 1993 Mar-Apr;16(3):199-201.

Plaughner G. Letter to the Editor; re: Specifics in Clinical Trials. J Manipulative Physiol Ther 1993; 16:199-201.

Plaughner G. Letter to the Editor; re: Fractures and Spinal Manipulative Therapy by Haldeman S. J Manipulative Physiol Ther 1993; 16:193-195.

Plaughner G. Letter to the editor, re: Spinal Manipulation for Low back Pain by Shekelle, et. al. Ann Intern Med 1993; 118:651-653.

Bryner P, Cremata EE, Plaughner G. Technique system application: the Gonstead approach [letter]. Chiropr Technique 1991;3:134-135

Plaughner G, Hendricks AH. The inter and intraexaminer reliability of the Gonstead pelvic marking system. J Manipulative Physiol Ther 1991;14: 503-508.

Plaughner G. Letter to the Editor, Re: Gonstead Technique. Chiropractic: The Journal of Chiropractic Research and Clinical Investigation 1991; 7:62.

Jochumsen OH, Stokke O. Letters to the editor. Eur J Chiropr 1984;32(1):43

Cox WA. . Letters to the editor. Eur J Chiropr 1984;32(1):105

Books

Burns JR. Extremities: adjusting and evaluation. 2015. Self-published. available at the Palmer bookstore or www.gonsteadseminar.com

Anrig, Claudia A and Plaugher, Gregory, eds. Pediatric Chiropractic. Second Edition Revised. Philadelphia: Wolters Kluwer/Lippincott Williams & Wilkins, 2013. 1226 pages and 4086 references

Plaugher, Gregory and Lopes, Mark A. eds. Textbook of clinical chiropractic: a specific biomechanical approach. Soft Cover: The Educational Publisher (www.EduPublisher.com), 2012. 525 pages and 1212 references

Werking, Mark K. Working on extremities. A Specific Approach to Extremity Conditions and Care. Privately published, 2011. available 2015 at www.gonsteadseminar.com

Cox WJ. In the footsteps of Doctor "G". Our lives with C.S. Gonstead. Published by Gonstead Seminar of Chiropractic Inc. (www.gonsteadseminar.com) 2003. ISBN 0-9740197-0-4

Anrig, Claudia A and Plaugher, Gregory, eds. Pediatric Chiropractic. Baltimore: Williams & Wilkins, 1998. In English and Korean (KCA press)

Plaugher, Gregory and Lopes, Mark A. eds. Textbook of clinical chiropractic: a specific biomechanical approach. Baltimore: Williams & Wilkins, 1993. 525 pages and 1212 references

Herbst, Roger W. Gonstead chiropractic science and art. The chiropractic methodology of Clarence S. Gonstead. Japanese edition in Hard cover, 1991 Renaissance Japan. ISBN 4-905577-20-9 C3047 P18000E

Gohl RA. Clinical biomechanical spinal analysis. Marking system Phase 1. Gonstead marking System, 1983.

Gohl RA. "14X36" Chiropractic Specialty. Simple instruction for quality xrays. circa 1980.

Herbst, Roger W. Gonstead chiropractic science and art. The chiropractic methodology of Clarence S. Gonstead. Sci-Chi Publications, 1980 soft cover. Released as individual chapters previously.

Notes from Seminars

Hart C. Class notes and Workbook. Gonstead Seminar Inc. www.gonsteadseminar.com

Carr Ed, Donahue Joseph. The notes : find it ... fix it ... leave it alone. Clarence S. Gonstead seminar notes. Circa 1970. Listed at <http://www.worldcat.org/title/notes-find-it-fix-it-leave-it-alone/oclc/24934487>

Altis, William G. Notes from Clarence S. Gonstead DC seminars over an 8.5 year period, and approved by CS Gonstead. 570 South Barranca, Covina, California 91723. Date unknown