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December 2014

Volume 22, No. 5

## Special Section

This issue features recent publications by Logan Faculty and Staff.

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## TOPICS OF INTEREST

- Manipulation / Manual Therapy
- Neuroplasticity
- Craniosacral Therapy
- Laser Therapy
- LBP / Lumbar Spine
- Scoliosis
- Nutrition
- Sports Medicine & Rehabilitation
- Foot & Ankle
- Miscellaneous
- Faculty & Staff Recent Publications

## MANIPULATION / MANUAL THERAPY

1. [Exploring patient satisfaction: a secondary analysis of a randomized clinical trial of spinal manipulation, home exercise, and medication for acute and subacute neck pain.](#) Leininger BD, Evans R, Bronfort G. *J Manipulative Physiol Ther.* 2014 Oct;37(8):593-601.
2. [Short-term effect of spinal manipulation on pain perception, spinal mobility, and full height recovery in male subjects with degenerative disk disease: a randomized controlled trial.](#) Vieira-Pellenz F, Oliva-Pascual-Vaca A, Rodriguez-Blanco C, Heredia-Rizo AM, Ricard F, Almazán-Campos G. *Arch Phys Med Rehabil.* 2014 Sep;95(9):1613-9.
3. [Peripheral response to cervical or thoracic spinal manual therapy: an evidence-based review with meta analysis.](#) Chu J, Allen DD, Pawlowsky S, Smoot B. *J Man Manip Ther.* 2014 Nov;22(4):220-9.
4. [Manual therapy for cervicogenic dizziness: Long-term outcomes of a randomised trial.](#) Reid SA, Callister R, Snodgrass SJ, Katekar MG, Rivett DA. *Man Ther.* 2014 Aug 27 [Epub ahead of print].
5. [The clinical utility of cervical range of motion in diagnosis, prognosis, and evaluating the effects of manipulation: a systematic review.](#) Snodgrass SJ, Cleland JA, Haskins R, Rivett DA. *Physiotherapy.* 2014 Dec;100(4):290-304.

## NEUROPLASTICITY

6. [Recognising neuroplasticity in musculoskeletal rehabilitation: A basis for greater collaboration between musculoskeletal and neurological physiotherapists.](#) Snodgrass SJ, Heneghan NR, Tsao H, Stanwell PT, Rivett DA, Van Vliet PM. *Man Ther.* 2014 Dec;19(6):614-617.
7. [Systematic review and meta-analysis of noninvasive cranial nerve neuromodulation for nervous system disorders.](#) Papa L, LaMee A, Tan CN, Hill-Pryor C. *Arch Phys Med Rehabil.* 2014 Dec;95(12):2435-2443.
8. [Tonic pain experienced during locomotor training impairs retention despite normal performance during acquisition.](#) Bouffard J, Bouyer LJ, Roy JS, Mercier C. *J Neurosci.* 2014 Jul 9;34(28):9190-5.

## CRANIOSACRAL THERAPY

9. [Credibility of a comparative sham control intervention for Craniosacral Therapy in patients with chronic neck pain.](#) Haller H, Ostermann T, Lauche R, Cramer H, Dobos G. *Complement Ther Med.* 2014 Dec;22(6):1053-1059.

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## LASER THERAPY

10. [Effects of low-level laser therapy on skeletal muscle repair: a systematic review](#). Alves AN, Fernandes KP, Deana AM, Bussadori SK, Mesquita-Ferrari RA. *Am J Phys Med Rehabil*. 2014 Dec;93(12):1073-85.
11. [Electrotherapy modalities for adhesive capsulitis \(frozen shoulder\)](#). Page MJ, Green S, Kramer S, Johnston RV, McBain B, Buchbinder R. *Cochrane Database Syst Rev*. 2014 Oct 1;10:CD011324.

## LOW BACK PAIN / LUMBAR SPINE

12. [Cost-effectiveness of early interventions for non-specific low back pain: A randomized controlled study investigating medical yoga, exercise therapy and self-care advice](#). Aboagye E, Lohela Karlsson M, Hagberg J, Jensen I. *J Rehabil Med*. 2014 Nov 14.
13. [Low back pain patient subgroups in primary care: pain characteristics, psychosocial determinants, and health care utilization](#). Hirsch O, Strauch K, Held H, Redaelli M, Chenot JF, Leonhardt C, Keller S, Baum E, Pflingsten M, Hildebrandt J, Basler HD, Kochen MM, Donner-Banzhoff N, Becker A. *Clin J Pain*. 2014 Dec;30(12):1023-32.
14. [Lumbar disc nomenclature: version 2.0](#). Williams AL, Murtagh FR, Rothman SL, Sze GK. *AJNR Am J Neuroradiol*. 2014 Nov;35(11):2029.
15. [The role of trunk muscles in sitting balance control in people with low back pain](#). Freddolini M, Strike S, Lee RY. *J Electromyogr Kinesiol*. 2014 Dec;24(6):947-953.
16. [Multiple somatic symptoms in employees participating in a randomized controlled trial associated with sickness absence because of nonspecific low back pain](#). Momsen AM, Jensen OK, Nielsen CV, Jensen C. *Spine J*. 2014 Dec 1;14(12):2868-2876.
17. [What are patient beliefs and perceptions about exercise for nonspecific chronic low back pain? A systematic review of qualitative studies](#). Slade SC, Patel S, Underwood M, Keating JL. *Clin J Pain*. 2014 Nov;30(11):995-1005.

## SCOLIOSIS

18. [Are current scoliosis school screening recommendations evidence-based and up to date? A best evidence synthesis umbrella review](#). Płaszewski M, Bettany-Saltikov J. *Eur Spine J*. 2014 Dec;23(12):2572-85.

## NUTRITION

19. [Water intake accelerates parasympathetic reactivation after high-intensity exercise](#). Peçanha T, Paula-Ribeiro M, Campana-Rezende E, Bartels R, Marins JC, de Lima JR. *Int J Sport Nutr Exerc Metab*. 2014 Oct;24(5):489-96.
20. [Serum 25-hydroxyvitamin D, mortality, and incident cardiovascular disease, respiratory disease, cancers, and fractures: a 13-y prospective population study](#). Khaw KT, Luben R, Wareham N. *Am J Clin Nutr*. 2014 Nov;100(5):1361-70.
21. [Effect of n-3 PUFA supplementation on cognitive function throughout the life span from infancy to old age: a systematic review and meta-analysis of randomized controlled trials](#). Jiao J, Li Q, Chu J, Zeng W, Yang M, Zhu S. *Am J Clin Nutr*. 2014 Dec;100(6):1422-36.

## SPORTS MEDICINE & REHABILITATION

22. [Risk factors for anterior glenohumeral instability.](#) Owens BD, Campbell SE, Cameron KL. Am J Sports Med. 2014 Nov;42(11):2591-6.
23. [Core stability exercises for low back pain in athletes: a systematic review of the literature.](#) Stuber KJ, Bruno P, Sajko S, Hayden JA. Clin J Sport Med. 2014 Nov;24(6):448-56.
24. [Anterior cruciate ligament and knee injury prevention programs for soccer players: A systematic review and meta-analysis.](#) Grimm NL, Jacobs JC Jr, Kim J, Denney BS, Shea KG. Am J Sports Med. 2014 Dec 1.

## FOOT & ANKLE

25. [Chronic complaints after ankle sprains: a systematic review on effectiveness of treatments.](#) van Ochten JM, van Middelkoop M, Meuffels D, Bierma-Zeinstra SM. J Orthop Sports Phys Ther. 2014 Nov;44(11):862-C23.

## MISCELLANEOUS

26. [Effects of auricular stimulation in the cavum conchae on glucometabolism in patients with type 2 diabetes mellitus.](#) Ju Y, Zhang H, Chen M, Chi X, Lan W, Zhang H, Mo J, Yung NY. Complement Ther Med. 2014 Oct;22(5):858-63.
27. [Setting the equation: establishing value in spine care.](#) Resnick DK, Tosteson AN, Groman RF, Ghogawala Z. Spine (Phila Pa 1976). 2014 Oct 15;39(22 Suppl 1):S43-50.
28. [The effectiveness of essential oils for patients with neck pain: a randomized controlled study.](#) Ou MC, Lee YF, Li CC, Wu SK. J Altern Complement Med. 2014 Oct;20(10):771-9.
29. [Changes in complementary and alternative medicine use across cancer treatment and relationship to stress, mood, and quality of life.](#) Kang DH, McArdle T, Suh Y. J Altern Complement Med. 2014 Nov;20(11):853-9.

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## RECENT PUBLICATIONS FROM LOGAN FACULTY & STAFF

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- A. Baird CJ, Shumat, SM, Tancredi MPJ, Cayce LM, **Wibbenmeyer JL**. The effects of the fascial distortion model on chronic hamstring tightness. *Top Integr Health Care*. 2014;5(3).
- B. **Kaeser MA, Hawk C, Anderson M**. Patient characteristics upon initial presentation to chiropractic teaching clinics: a descriptive study conducted at one university. *J Chiropr Educ*. 2014 Oct;28(2):146-51.
- C. Poirier JN, Cooley JR, Wessely M, **Guebert GM**, Petrocco-Napuli K. Evaluation of three different methods of distance learning for postgraduate diagnostic imaging education: A pilot study. *J Chiropr Educ*. 2014 Oct;28(2):157-63.
- D. **Battaglia PJ**, Gliedt J, McDaniel C, **Kettner N**. Bilateral idiopathic osteonecrosis of the femoral head: a case report with an emphasis on differential diagnosis, imaging, and treatment. *J Chiropr Med*. 2014 Sep;13(3):196-202.
- E. **Enix DE, Sudkamp KL**, Malmstrom, TK, Flaherty, JH. Methodology and demographics of a single blinded, randomized controlled trial of chiropractic compared to physical therapy for balance impairments in community dwelling geriatric patients with or without low back pain. *Chiropr Man Therap*. 2014 Sep 14;22:31.
- F. Ichesco E, Schmidt-Wilcke T, Bhavsar R, Clauw DJ, Peltier SJ, Kim J, **Napadow V**, Hampson JP, Kairys AE, Williams DA, Harris RE. Altered resting state connectivity of the insular cortex in individuals with fibromyalgia. *J Pain*. 2014 Aug;15(8):815-826.e1.
- G. **Mattox R**, Reckelhoff KE, **Welk AB, Kettner NW**. Sonography of occult rib and costal cartilage fractures: A case series. *J Chiropr Med*. 2014 Jun;13(2):139-43.
- H. **Mattox R**, Smith LW, **Kettner NW**. Recognition of spontaneous vertebral artery dissection preempting spinal manipulative therapy: A patient presenting with neck pain and headache for chiropractic care. *J Chiropr Med*. 2014 Jun;13(2):90-5.
- I. Reckelhoff K, **Miller A**. Interdisciplinary management of deep vein thrombosis during rehabilitation of acute rupture of the anterior cruciate ligament: A case report. *J Chiropr Med*. 2014 Jun;13(2):121-7.
- J. **Yochum AM**, Reckelhoff K, **Kaeser MA, Kettner NW**. Ultrasonography and Radiography to Identify Early Post Traumatic Myositis Ossificans in an 18-Year-Old Male: A Case Report. *J Chiropr Med*. 2014 Jun;13(2):134-8.
- K. **Kaeser M, Kamper J, Hawk C**. Traditional versus a modified problem-based learning activity: Is there a difference in student knowledge retention? *Top Integr Health Care*. 2014;Vol 5(2).
- L. **Maeda Y, Kettner N**, Holden J, Lee J, Kim J, Cina S, Malatesta C, Gerber J, McManus C, Im J, Libby A, Mezzacappa P, Morse LR, Park K, Audette J, Tommerdahl M, **Napadow V**. Functional deficits in carpal tunnel syndrome reflect reorganization of primary somatosensory cortex. *Brain*. 2014 Jun;137(Pt 6):1741-52.
- M. **Enix DE**, Scali F, Pontell ME, Marshall E. The cervical myodural bridge, a review of literature and clinical implications. *J Can Chiropr Assoc*. 2014 Jun;58(2):184-92.
- N. Daniels CJ, Gliedt JA, **Enix DE**. Radial neck fracture presenting to a Chiropractic clinic: a case report and literature review. *Chiropr Man Therap*. 2014 Apr 1;22(1):14.
- O. Nuzzo JL, **Haun DW**, Mayer JM. Ultrasound measurements of lumbar multifidus and abdominal muscle size in firefighters. *J Back Musculoskelet Rehabil*. 2014 Jan 1;27(4):427-33.

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