

NCMIC FOUNDATION Publications and Presentations

Publications

Articles in Submission:

Currie SJ, Myers CA, Krishnamurthy A, Enebo BA, and Davidson BS. Methods of muscle activation onset timing recorded during spinal manipulation. *J. Manip. Physiol. Ther.* Accepted Aug 2015

Currie, SJ, Myers CA, Durso C, Enebo BA, DC, and Davidson BS. The neuromuscular response to spinal manipulation in the presence of pain. *J. Manip. Physiol. Ther.* Accepted Nov 2015.

Salsbury S, Goertz CM, Twist E, Smith V, Lisi AJ. Doctors of chiropractic working in private sector medical facilities: A descriptive survey under review at the *Journal of Interprofessional Care*.

Rempel JT, Busse JW, Drew B, Reddy K, Cenic A, Kachur E, Murty N, Candelaria H, Moore AE, Riva JJ. Patients' attitudes toward non-physician screening of low back and low back-related leg pain complaints referred for surgical assessment. *Spine* (Phila Pa 1976) [submitted] 2016.

Bauman CA, Milligan JD, Lebreche T, Riva JJ. Nonfunctioning pituitary macroadenoma: a case report from the patient perspective. *Chiropr Manip Ther* [submitted] 2015.

Ward J, Tyer K, Pourmoghaddam A. Immediate influence of lumbar spine manipulation on pain, functional reach, static balance, and walking gait kinematics of individuals with acute low back pain. Submitted April 19, 2015. *J Manip Physiol Ther.*

Pohlman KA, Carroll L, Hartling L, Tsuyuki R, Vohra S. Pediatric chiropractors' attitudes and opinions towards patient safety. *J Manip Physiol Ther* (in submission)

Hewitt E, Pohlman KA, Hestbaek L. Core competencies of the certified pediatric chiropractor: results of a Delphi consensus process. *JEB CAM* (in submission)

Pohlman KA, Carroll L, Hartling L, Tsuyuki R, Vohra S. Barriers to implementing a reporting and learning patient safety system: pediatric chiropractic perspective. *JEB CAM* (accepted)

Rhee TG, Evans R, McAlpine DD, & Johnson PJ. Racial/ethnic differences in the use of complementary and alternative medicine among adults with moderate mental distress: Results from 2012 *National Health Interview Survey*.

Jou J & Johnson PJ. Non-disclosure of complementary and alternative medicine (CAM) use to usual care providers: Analysis of the 2012 *National Health Interview Survey*.

Leininger B, McDonough C, Evans R, Tosteson T, Tosteson A, Bronfort GB. Cost-effectiveness of spinal manipulation, supervised exercise, and home exercise for older adults with chronic neck pain. *Spine Journal* (Under review)

Bussieres A, Terhorst L, Leach M, Stuber K, Evans R, Schneider M. An exploration of the attitudes, skills and use of evidence-based practice among Canadian doctors of chiropractic: a national survey. *J Canadian Chiro Assoc*. *Accepted for publication*.

Abode-Iyamah, KO, Viljoen, SV, McHenry, CL, Petrie, MA, Stoner KL, Dahdaleh, NS, Grosland, NM, Howard, MA, and Shields RK. The Effects of Brain Derived Neurotrophic Factor Val66Met Polymorphism in Patients with Cervical Spondylotic Myelopathy. *Spine* (Submitted for Review)

Abode-Iyamah, KO, Viljoen, SV, McHenry, CL, Petrie, MA, Stoner KL, Dahdaleh, NS, Grosland, NM, Howard, MA, and Shields RK. Effect of surgery on gait and sensory motor performance in patients with cervical spondylotic myelopathy. *Spine* (Submitted for Review)

Spurgin, K., Gutierrez, R., Prien, A., Muller, A., Valdez, M., and M. C. Curras-Collazo, "Intra-adrenal PACAP mRNA is regulated by various stressors in association with markers of glucocorticoid hormone production and catecholamine biosynthesis" *J Neurophysiology*, Submitted

Spurgin, K., Gutierrez, R., Prien, A., and M. C. Curras-Collazo, "Developmental PBDE exposure produces hypertensive responses associated with altered sympathoadrenal and hypothalamic- pituitary-adrenal endocrine activity" *Environmental Health Perspectives*, Submitted

Spurgin, K., Gutierrez, R., Kaprelian, A. , Jha, V., Wilson, C. G., and M. C. Curras-Collazo "A Calibrated Method of Manual Therapy Decreases Systolic Blood Pressure Concomitant with Changes in Heart Rate Variability in Male Rats" *J Manip Physiol Therap*, Submitted

Spurgin, K. Kaprelian, A., Angeli, J., Prien, A., and M. C. Curras-Collazo "Chronic Psychogenic Stress Increases Blood Pressure and Alters Stress Axis Markers in the Adrenal Gland and Hypothalamus" In preparation

Petrie MA, McHenry CL, Kimball AL, Suneja M, Yen CL, Shields RK. Distinct skeletal muscle gene regulation from active contraction, passive vibration, and whole body heat stress in humans. *PloS one* (in review)

Articles in Peer-Reviewed Journals

2016

Hurwitz E, Vassilaki M, Li D, Schneider MJ, Stevans JM, Phillips RB, Phelan S, Lewis EA, Armstrong RC,. Variations in patterns of use and charges for the care of headache in North Carolina, 2000-2009: A statewide claims' data analysis. *JMPT*, May 2016, 39(4) 229-39.

Hurwitz E, Li D, Guillen J, Schneider MJ, Stevans JM, Phillips RB, Phelan S, Lewis EA, Armstrong RC, Vassilaki M. Variations in patterns of use and charges for the care of low back pain in North Carolina, 2000-2009: A statewide claims' data analysis. *JMPT*, May 2016, 39(4) 252-62.

Hurwitz E, Li D, Guillen J, Schneider MJ, Stevans JM, Phillips RB, Phelan S, Lewis EA, Armstrong RC, Vassilaki M. Variations in patterns of use and charges for neck pain care in North Carolina, 2000-2009: A statewide claims' data analysis. *JMPT*, May 2016 39(4) 240-51.

Milligan JD, Labreche T, Riva JJ, Bauman CA. Nonfunctioning pituitary macroadenoma: a case report from the patient perspective. *Chiropractic & Manual Therapies* 2016**24**:12
DOI: 10.1186/s12998-016-0093-z© Bauman et al. 2016

Hondras M, Hartvigsen J, Myburgh C, Johannessen H. Everyday burden of musculoskeletal conditions among villagers in rural Botswana: a focused ethnography. *J Rehab Med* 2016;48(5):449-55.

Rhee G, Leininger B, Ghildayal N, Evans R, Dusek JA, Johnson PJ. Complementary and Integrative Healthcare for Patients with Mechanical Low Back Problems in a Hospital Setting. *Complementary Therapies in Medicine*. Feb 2016.

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Herman, Patricia M. and Ian D. Coulter. Complementary and Alternative Medicine: Professions or Modalities? Policy Implications for Coverage, Licensure, Scope of Practice, Institutional Privileges, and Research. Santa Monica, CA: RAND Corporation, 2015.
http://www.rand.org/pubs/research_reports/RR1258.html.

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Dudley Javoroski S, Petrie MA, McHenry CL, Amelon RE, Saha PK, Shields RK. Bone architecture adaptations after spinal cord injury: impact of long term vibration of a constrained lower limb. *Osteoporosis international: a journal established as result of cooperation between*

the European Foundation for Osteoporosis and the National Osteoporosis Foundation of the USA. 2015.

Evans R, Vihstadt C, Westrom K, Baldwin L. Complementary and Integrative Healthcare in a Long-term Care Facility: A Pilot Project. *Global Advances In Health And Medicine*, Jan. 2015, 4(1):18-27.

Abode Iyamah KO, Stoner KE, Grossbach AJ, Viljoen SV, McHenry CL, Petrie MA, et al. Effects of brain derived neurotrophic factor Val66Met polymorphism in patients with cervical spondylotic myelopathy. *J Clin Neurosci*. 2015.

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Hondras M, Myburgh C, Hartvigsen J, Johannessen H. *Botlhoko, botlhoko!* How people talk about their musculoskeletal complaints in rural Botswana: a focused ethnography. *Global Health Action* 2015, 8: 29010. <http://dx.doi.org/10.3402/gha.v8.29010>.

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Busse JW, Riva JJ, Nash JV, Hsu S, Fisher CG, Wai EK, Brunarski D, Drew B, Quon JA, Walter SD, Bishop PB, Rampersaud R. Surgeon attitudes toward nonphysician screening of low back or low back-related leg pain patients referred for surgical assessment: a survey of Canadian spine surgeons. *Spine (Phila Pa 1976)*. 2013 Apr 1;38(7):E402-8.

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Books & Chapters

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Conference Proceedings

2016

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Salsbury S, Goertz CM, Twist E, Smith V, Lisi AJ. Doctors of chiropractic working in private sector medical facilities: A descriptive survey. Accepted by ACC-RAC 2016 as a platform presentation.

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Leininger B. Chronic Neck Pain in Older Adults: Cost-Effectiveness of Spinal Manipulation, Supervised Exercise and Self-Management; Academy Health 2015; Minneapolis, MN; June 14-16, 2015.

Leininger B. Cost-Effectiveness of Spinal Manipulation (Webinar). Academic Consortium for Integrative Medicine and Health; August 10, 2015.

Evans R. Spinal Manipulation for Chronic Low Back and Neck Pain: Best Evidence Update (Keynote Presentation), The Chiropractic & Osteopathic College of Australia's 11th Biennial Conference 2015; Melbourne, Australia; October 9-11, 2015.

Evans R. Self-Management for Chronic Low Back and Neck Pain: Best Evidence Update and Implications for Practice. (Keynote Presentation), The Chiropractic & Osteopathic College of Australia's 11th Biennial Conference 2015; Melbourne, Australia; October 9-11, 2015.

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Petrie MA. Muscle Physiology Review: The use of physiology during patient evaluation and care. Palmer College, Florida Homecoming 2015

Petrie MA, McHenry CL, Suneja M, Shields RK. “Muscle Metabolic Gene Expression Following Three Stressors: Mechanical (vibration), Systemic Heat Stress, And Muscle Activation,” American College of Sport Medicine, Annual Conference: Exercise is Medicine 2015

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Dudley-Javoroski S, McHenry CL, Petrie MA, Shields RK. “Bone Architecture Adaptations after Spinal Cord Injury: Impact of Long Term Vibration of a Constrained Lower Limb,” American College of Sport Medicine, Annual Conference: Exercise is Medicine 2015
Michael Petrie, D.C., Ph.D. Muscle Physiology Review: The use of physiology during patient evaluation and care. Palmer College, Florida Homecoming 2015

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