

July 2016 Volume 24, No. 3

## Cost-Effectiveness of Chiropractic / SMT

1. Cost-effectiveness of spinal manipulative therapy, supervised exercise, and home exercise for older adults with chronic neck pain. Leininger B, et al. Spine J. 2016 Jun 23.
2. Cost-effectiveness of chiropractic care versus self-management in patients with musculoskeletal chest pain. Stochkendahl MJ, et al. Open Heart. 2016 May 4;3(1):e000334.

## Manipulation / Manual Therapy

3. Spinal manipulative therapy, Graston technique® and placebo for non-specific thoracic spine pain: a randomised controlled trial. Crothers AL, et al. Chiropr Man Therap. 2016 May 16;24:16.
4. Three combinations of manual therapy techniques within naprapathy in the treatment of neck and/or back pain: a randomized controlled trial. Paanalahti K, et al. BMC Musculoskelet Disord. 2016 Apr 23;17(1):176.
5. Effect of spinal manipulation of upper cervical vertebrae on blood pressure: Results of a pilot sham-controlled trial. Goertz CM, et al. J Manipulative Physiol Ther. 2016 Jun;39(5):369-80.

## Chiropractic Care of Children

6. Best practices for chiropractic care of children: A Consensus Update. Hawk C, et al. J Manipulative Physiol Ther. 2016 Mar Apr;39(3):158-68.

## Care of Older Adults

7. Lower sodium intake and risk of headaches: Results from the trial of nonpharmacologic interventions in the elderly. Chen L, et al. Am J Public Health. 2016 Jul;106(7):1270-5.

## Public Health

8. Trends in obesity among adults in the United States, 2005 to 2014. Flegal KM, et al. JAMA. 2016 Jun 7;315(21):2284-91.
9. Behavior-related factors associated with low back pain in the US adult population. Yang H, Haldeman S. Spine (Phila Pa 1976). 2016 Apr 26.

## Topics of Interest

- Cost-Effectiveness
- Manipulation / Manual Therapy
- Care of Children
- Care of Older Adults
- Public Health
- Cervical Spine / Neck Pain / Whiplash
- Lumbar Spine / LBP
- Pain
- Health Professions Education
- Nutrition
- Sport Medicine & Rehabilitation
- Health Informatics
- Acupuncture
- Shoulder
- Miscellaneous

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## Cervical Spine / Neck Pain / Whiplash

10. The role of the trigemino cervical complex in chronic whiplash associated headache: A cross sectional study. Watson DH, Drummond PD. *Headache*. 2016 Jun;56(6):961-75.
11. Effect of early intensive care on recovery from whiplash-associated disorders: Results of a population-based cohort study. Skillgate E, et al. *Arch Phys Med Rehabil*. 2016 May;97(5):739-46.
12. Classifying whiplash recovery status using the neck disability index: Optimized cutoff points derived from receiver operating characteristic. Croft AC, et al. *J Chiropr Med*. 2016 Jun;15(2):95-101.
13. Exercises for mechanical neck disorders: A Cochrane review update. Gross AR, et al. *Man Ther*. 2016 Aug;24:25-45.
14. Relationship between neck acceleration and muscle activation in people with chronic neck pain: Implications for functional disability. Tsang SM, et al. *Clin Biomech (Bristol, Avon)*. 2016 Jun;35:27-36.

## Lumbar Spine / Low Back Pain

15. Ankylosing spondylitis and axial spondyloarthritis. Taurog JD, et al. *N Engl J Med*. 2016 Jun 30;374(26):2563-74.
16. Comparing percutaneous vertebroplasty and conservative therapy for treating osteoporotic compression fractures in the thoracic and lumbar spine: A systematic review and meta-analysis. Mattie R, et al. *J Bone Joint Surg Am*. 2016 Jun 15;98(12):1041-51.
17. Similar effects of thrust and nonthrust spinal manipulation found in adults with subacute and chronic low back pain: A controlled trial with adaptive allocation. Xia T, et al. *Spine (Phila Pa 1976)*. 2016 Jun;41(12):E702-9.
18. Chronic widespread back pain is distinct from chronic local back pain: Evidence from quantitative sensory testing, pain drawings, and psychometrics. Gerhardt A, et al. *Clin J Pain*. 2016 Jul;32(7):568-79.
19. Does walking improve disability status, function, or quality of life in adults with chronic low back pain? A systematic review. Lawford BJ, et al. *Clin Rehabil*. 2016 Jun;30(6):523-36.
20. Climbing has a positive impact on low back pain: A prospective randomized controlled trial. Schinhan M, et al. *Clin J Sport Med*. 2016 May;26(3):199-205.
21. Consensus at last! Long-term results of all randomized controlled trials show that fusion is no better than non-operative care in improving pain and disability in chronic low back pain. Mannion AF, et al. *Spine J*. 2016 May;16(5):588-90.
22. Reorganization in secondary somatosensory cortex in chronic low back pain patients. Hotz-Boendermaker S, et al. *Spine (Phila Pa 1976)*. 2016 Jun;41(11):E667-73.
23. Intervertebral disc cells produce interleukins found in patients with back pain. Zhang Y, et al. *Am J Phys Med Rehabil*. 2016 Jun;95(6):407-15.

## Pain

24. Prescription of long-acting opioids and mortality in patients with chronic noncancer pain. Ray WA, et al. *JAMA*. 2016 Jun 14;315(22):2415-23.
25. Musculoskeletal pain and re-employment among unemployed job seekers: a three-year follow-up study. Nwaru CA, et al. *BMC Public Health*. 2016 Jul 8;16(1):531.

## Health Professions Education

26. Faculty attitudes about interprofessional education. Dallaghan GL, et al. Med Educ Online. 2016 Jun 27;21:32065.
27. How health care professionals use social media to create virtual communities: An integrative review. Rolls K, et al. J Med Internet Res. 2016 Jun 16;18(6):e166.
28. Recommendations to enhance constructivist-based learning in interprofessional education using video-based self-assessment. Dahmen U, et al. GMS J Med Educ. 2016 Apr 29;33(2):Doc33.

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## Nutrition

29. Effects of nutrition education on weight gain prevention: a randomized controlled trial. Metzgar CJ, Nickols-Richardson SM. Nutr J. 2016 Mar 31;15:31.
30. Long-term magnesium supplementation improves arterial stiffness in overweight and obese adults: results of a randomized, double-blind, placebo-controlled intervention trial. Joris PJ, et al. Am J Clin Nutr. 2016 May;103(5):1260-6.
31. Pathophysiological role of host microbiota in the development of obesity. Kobyliak N, et al. Nutr J. 2016 Apr 23;15:43.
32. The effects of preexercise caffeinated coffee ingestion on endurance performance: An evidence-based review. Higgins S, et al. Int J Sport Nutr Exerc Metab. 2016 Jun;26(3):221-39.
33. Low energy intake plus low energy expenditure (low energy flux), not energy surfeit, predicts future body fat gain. Hume DJ, et al. Am J Clin Nutr. 2016 Jun;103(6):1389-96.
34. A cross-sectional study on nutrient intake and -status in inflammatory bowel disease patients. Vidarsdottir JB, et al. Nutr J. 2016 Jun 8;15(1):61.

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## Sport Medicine & Rehabilitation

35. Effects of training in minimalist shoes on the intrinsic and extrinsic foot muscle volume. Chen TL, et al. Clin Biomech (Bristol, Avon). 2016 Jul;36:8-13.
36. Postoperative rehabilitation after hip resurfacing: A systematic review. Cheatham SW, et al. J Sport Rehabil. 2016 May;25(2):181-9.

## Health Informatics

37. Mobile health devices: will patients actually use them? Shaw RJ, et al. J Am Med Inform Assoc. 2016 May;23(3):462-6.
38. Direct release of test results to patients increases patient engagement and utilization of care. Pillemer F, et al. PLoS One. 2016 Jun 23;11(6):e0154743.

## Acupuncture

39. [A systematic review of acupuncture for sleep quality in people with insomnia.](#) Shergis JL, et al. *Complement Ther Med.* 2016 Jun;26:11-20.
40. [Efficacy and safety of acupuncture for the treatment of functional dyspepsia: Meta-analysis.](#) Zhou W, et al. *J Altern Complement Med.* 2016 May;22(5):380-9.
41. [The clinical effect of acupuncture in the treatment of obstructive sleep apnea: A systematic review and meta-analysis of randomized controlled trials.](#) Lv ZT, et al. *Evid Based Complement Alternat Med.* 2016;2016:8792167. Epub 2016 Apr 4.

## Shoulder

42. [Rotator cuff related shoulder pain: Assessment, management and uncertainties.](#) Lewis J. *Man Ther.* 2016 Jun;23:57-68.
43. [Exercise rehabilitation in the non-operative management of rotator cuff tears: A review of the literature.](#) Edwards P, et al. *Int J Sports Phys Ther.* 2016 Apr;11(2):279-301.

## Miscellaneous

44. [Use of plant-based therapies and menopausal symptoms: A systematic review and meta-analysis.](#) Oliver-Williams C, Muka T. *JAMA.* 2016 Jun 21;315(23):2554-63.
45. [Kinesiotaping enhances the rate of force development but not the neuromuscular efficiency of physically active young men.](#) Magalhães I, et al. *J Electromyogr Kinesiol.* 2016 Jun;28:123-9.

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