

# INTOUCH

WITH LOGAN COLLEGE OF CHIROPRACTIC /  
UNIVERSITY PROGRAMS LIBRARY

April 2013

Volume 21, No. 2

## Topics of Interest

- Cervical Spine / Neck Pain
- Headache
- Manipulation / Manual Therapy
- Chiropractic & Primary Care
- Low Back Pain
- Pain
- Myofascial Trigger Points
- Shoulder
- Acupuncture
- Health Care System & Chiropractic
- Laser Therapy
- Sports Medicine & Rehabilitation
- Care of Older Adults
- Physical Diagnosis
- Disc Degeneration
- Nutrition
- Nutrition & Pregnancy
- Pregnancy

### Laser Therapy

See the special section in this issue focusing on research on laser therapy on page 3.

**Inside  
this  
Issue**

## CERVICAL SPINE / NECK PAIN

1. [Surgery versus conservative care for neck pain: a systematic review](#). M van Middelkoop, et al. *European Spine Journal* 2013 Jan;22(1):87-95.
2. [Role of fear of movement in subacute whiplash-associated disorders grades I and II](#). JP Robinson, et al. *Pain* 2013 Mar;154(3):393-401.
3. [Measures of central hyperexcitability in chronic whiplash associated disorder: a systematic review and meta-analysis](#). AM Stone, et al. *Manual Therapy* 2013 Apr;18(2):111-7.
4. [Comparison of outcomes in neck pain patients with and without dizziness undergoing chiropractic treatment: a prospective cohort study with 6 month follow-up](#). BK Humphreys, et al. *Chiropractic & Manual Therapies* 2013 Jan 7;21(1):3.

## HEADACHE

5. [Homeopathic treatment of migraine in children: results of a prospective, multicenter, observational study](#). K Danno, et al. *Journal of Alternative & Complementary Medicine* 2013 Feb;19(2):119-23.
6. [Pilot study to investigate the short-term effects of specific soft tissue massage on upper cervical movement impairment in patients with cervicogenic headache](#). D Hopper, et al. *Journal of Manual & Manipulative Therapy* 2013;21(1):18-23.

## MANIPULATION / MANUAL THERAPY

7. [Quality of reports on cervical arterial dissection following cervical spinal manipulation](#). S Wynd, et al. *PLoS One* 2013;8(3):e59170 (8 pages).
8. [Spinal manipulative therapy for acute low back pain: an update of the cochrane review](#). S Rubinstein, et al. *Spine* 2013 Feb 1;38(3):e158-77.
9. [Manual therapy for childhood respiratory disease: a systematic review](#). VC, et al. *Journal of Manipulative & Physiological Therapeutics* 2013 Jan;36(1):57-65.

## CHIROPRACTIC & PRIMARY CARE

10. [United States Chiropractic Workforce: an alternative or complement to primary care?](#) MA Davis, et al. *Chiropractic & Manual Therapies* 2012 Nov 21;20(1):35 (8 pages).



## LOW BACK PAIN

11. Specific trunk and general exercise elicit similar changes in anticipatory postural adjustments in patients with chronic low back pain: a randomized controlled trial. C Brooks, et al. Spine 2012 Dec 1;37(25):e1543-50.
12. Motor control exercises reduces pain and disability in chronic and recurrent low back pain: a meta-analysis. MG Byström, et al. Spine 2013 Mar 15;38(6):e350-8.
13. Which prognostic factors for low back pain are generic predictors of outcome across a range of recovery domains? CE Cook, et al. Physical Therapy 2013 Jan;93(1):32-40.
14. Mindfulness-based stress reduction for low back pain: a systematic review. TH Cramer, et al. BMC Complementary & Alternative Medicine 2012 Sep 25;12:162 (8 pages).
15. Changes in primary care physician's management of low back pain in a model of interprofessional collaborative care: an uncontrolled before-after study. S Mior, et al. Chiropractic & Manual Therapies 2013 Feb 1;21(1):6 (5 pages).
16. Lumbar muscle dysfunction during remission of unilateral recurrent nonspecific low-back pain: evaluation with muscle functional MRI. R D'hooge, et al. Clinical Journal of Pain 2013 Mar;29(3):187-94.

## PAIN

17. Thinking beyond muscles and joints: therapists' and patients' attitudes and beliefs regarding chronic musculoskeletal pain are key to applying effective treatment. J Nijs, et al. Manual Therapy 2013 Apr;18(2):96-102.

## MYOFASCIAL TRIGGER POINTS

18. Prevalence of myofascial trigger points in the hip in patellofemoral pain. S Roach, et al. Archives of Physical Medicine & Rehabilitation 2012 Nov 2;94(3):522-6.
19. Can myofascial techniques modify immunological parameters? AM Fernández-Pérez, et al. Journal of Alternative & Complementary Therapies 2013 Jan;19(1):24-8.

## SHOULDER

20. Immediate effect of muscle energy technique on latent trigger point of upper trapezius muscle. R Mehdikhani, et al. Clinical Chiropractic 2012 Dec;15(3/4):112-20.
21. Diagnosis and management of superior labral anterior posterior tears in throwing athletes. M Knesek, et al. American Journal of Sports Medicine 2013 Feb;41(2):444-60.

## ACUPUNCTURE

22. Effects of acupuncture on the levels of blood pressure and nitric oxide in hypertensive patients. C Severcan, et al. Acupuncture & Electro-therapeutics Research 2012;37(4):263-75.

## HEALTH CARE SYSTEM & CHIROPRACTIC

23. A health care system in transformation: making the case for chiropractic [commentary]. R Brown. Chiropractic & Manual Therapies 2012 Dec 6;20(1):37 (8 pages).

# Special Focus

## LASER THERAPY

24. Effectiveness of low-level laser therapy combined with an exercise program to reduce pain and increase function in adults with shoulder pain: a critically appraised topic. AL Thornton, et al. Journal of Sport Rehabilitation 2013 Feb;22(1):72-8.
25. Low-level laser treatment with near-infrared light increases venous nitric oxide levels acutely: a single-blind, randomized clinical trial of efficacy. UH Mitchell, et al. American Journal of Physical Medicine & Rehabilitation 2013 Feb;92(2):151-6.
26. Effects of class IV laser therapy on fibromyalgia impact and function in women with fibromyalgia. L Panton, et al. Journal of Alternative & Complementary Medicine 2012 Nov 23;18:1-8.
27. Efficacy of low level laser therapy associated with exercises in knee osteoarthritis: a randomized double-blind study. PP Alfredo, et al. Clinical Rehabilitation 2012 Jun;26(6):523-33.

## SPORTS MEDICINE & REHABILITATION

28. Current concepts for injury prevention in athletes after anterior cruciate ligament reconstruction. TE Hewett, et al. American Journal of Sports Medicine 2013 Jan;41(1):216-24.
29. Effects of foot strike on low back posture, shock attenuation, and comfort in running. TL Delgado, et al. Medicine & Science in Sports & Exercise 2013 Mar;45(3):490-6.
30. Team physician and the return-to-play decision: a consensus statement-2012 update. SA Herring, et al. Medicine & Science in Sports & Exercise 2012 Dec;44(12):2446-8.
31. Surgical versus nonsurgical treatment of acute Achilles tendon rupture: a meta-analysis of randomized trials. A Soroceanu, et al. Journal of Bone and Joint Surgery - American 2012 Dec 5;94(23):2136-43.

## CARE OF OLDER ADULTS

32. Management of falls and balance disorders in the elderly. DR Noll. Journal of the American Osteopathic Association 2013 Jan;113(1):17-22.

## PHYSICAL DIAGNOSIS

33. Outpatient diagnosis of acute chest pain in adults. JR McConaghay, et al. American Family Physician 2013 Feb 1;87(3):177-82.

## DISC DEGENERATION

34. Role of biomechanics in intervertebral disc degeneration and regenerative therapies: what needs repairing in the disc and what are promising biomaterials for its repair? JC Iatridis, et al. Spine Journal 2013 Mar;13(3):243-62.

## NUTRITION

35. Selenium supplementation for the primary prevention of cardiovascular disease. K Rees, et al. Cochrane Database of Systematic Reviews 2013 Jan 31;1:CD009671.
36. Primary prevention of cardiovascular disease with a Mediterranean diet. R Estruch, et al. New England Journal of Medicine 2013 Feb 25 (12 pages).
37. Sea cucumber extract, a multiple RTK inhibitor, may be a viable natural cancer supplement. C Tsu-Tsair, et al. Nutritional Perspectives: Journal Of The Council On Nutrition 2013;36(1):5-12.
38. Variation in vitamin D supplementation among adults in a multi-race/ethnic health plan population, 2008. NP Gordon, et al. Nutrition Journal 2012 Dec 11;11:104 (10 pages).
39. Effects of supplementation with n-3 polyunsaturated fatty acids on cognitive performance and cardiometabolic risk markers in healthy 51 to 72 years old subjects: a randomized controlled cross-over study. A Nilsson, et al. Nutrition Journal 2012 Nov 22;11:99 (9 pages).
40. Dietary biomarkers: advances, limitations and future directions. VE Hedrick, et al. Nutrition Journal 2012 Dec 14;11:109 (14 pages).
41. Associations between dietary patterns and gene expression profiles of healthy men and women: a cross-sectional study. A Bouchard-Mercier, et al. Nutrition Journal 2013 Feb 12;12:24 (13 pages).
42. Synbiotics, probiotics or prebiotics in infant formula for full term infants: a systematic review. MN Mugambi, et al. Nutrition Journal 2012 Oct 4;11:81 (31 pages).
43. Effect of vitamin A supplementation on thyroid function in premenopausal women. MA Farhangi, et al. Journal of the American College of Nutrition 2012 Aug;31(4):268-74.
44. Effect of coenzyme Q<sub>10</sub> supplementation on heart failure: a meta-analysis. AD Fotino, et al. American Journal of Clinical Nutrition 2013 Feb;97(2):268-75.
45. Associations between body composition and gait-speed decline: results from the Health, Aging, and Body Composition study. KM Beavers, et al. American Journal of Clinical Nutrition 2013 Mar;97(3):552-60.

## NUTRITION & PREGNANCY

46. Micronutrients and pregnancy; effect of supplementation on pregnancy and pregnancy outcomes: a systematic review. TA Zerfu, et al. Nutrition Journal 2013 Jan 31;12:20 (5 pages).
47. Human milk composition: nutrients and bioactive factors. O Ballard, et al. Pediatric Clinics of North America 2013 Feb;60(1):49-74.
48. Association between maternal use of folic acid supplements and risk of autism spectrum disorders in children. P Surén, et al. JAMA Journal of the American Medical Association 2013 Feb 13;309(6):570-7.

## PREGNANCY

49. Pregnancy leads to lasting changes in foot structure. NA Segal, et al. American Journal of Physical Medicine and Rehabilitation 2013 Mar;92(3):232-40.
50. Using moxibustion in primary healthcare to correct non-vertex presentation: a multicentre randomised controlled trial. J Vas, et al. Acupuncture in Medicine 2013 Mar;31(1):31-8.

Articles ordered from the InTouch newsletter may be obtained for a processing fee of \$8.00/each for alumni or \$10.00/each for non-alumni.

**FOR THE FASTEST SERVICE:**

Call in your orders at (800)782-3344 x1781 or 636-230-1781

You may also order by:

FAX (636) 207-2448

MAIL Logan College Library

PO Box 1065

Chesterfield, MO 63006-1065

EMAIL circdesk@logan.edu

ONLINE www.logan.edu/library

Name:	
Address:	
City/State/Zip:	
Phone Number:	( ) -
Email:	
Send Articles By (check one): <input type="checkbox"/> Mail <input type="checkbox"/> Email <input type="checkbox"/> Fax	

Please bill my VISA/MASTERCARD/AMERICAN EXPRESS/DISCOVER (Circle One)

Account Number:	
Expiration Date:	
Signature:	

**Volume 21, Number 2, April 2013**

Circle the article numbers you wish to order:

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40	41	42	43	44	45
46	47	48	49	50										

**CREDIT CARD (VISA/MASTERCARD/AMERICAN EXPRESS/DISCOVER)**

**OR CASH ADVANCE REQUIRED.** \*Prices subject to change

**InTouch** is published by the Library at  
**Logan College of Chiropractic / University Programs**

*Editors:*

Chabha Tepe, M.A., M.L.S.

Sheryl Walters, M.L.S.

*Reviewers:*

Weiwen Chai, Ph.D.

Robert Davidson, Ph.D.

Cheryl Hawk, D.C., Ph.D.

Norman Kettner, D.C., DACBR.

Rodger Tepe, Ph.D.

*Distributor:* Jean Blue

This issue includes a special focus section on:

**Laser Therapy**

**PLUS:**

Cervical Spine / Neck Pain

Manipulation / Manual Therapy

Chiropractic & Primary Care

Low Back Pain

Myofascial Trigger Points

Pain

Sports Medicine & Rehabilitation

Nutrition & Pregnancy

& MORE

Learning Resources Center  
Logan College of Chiropractic /  
University Programs  
1851 Schoettler Road  
PO Box 1065  
Chesterfield, MO 63006-1065

<http://libguides.logan.edu/etouch>