

# INTOUCH

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## TOPICS OF INTEREST

- Low Back Pain / Lumbar Spine
- Manipulation / Manual Therapy
- Proprioception
- Biomechanics
- Radiology
- Shoulder
- Sport Medicine & Rehabilitation
- Nutrition
- Care of Older Adults
- Pain
- Pregnancy
- Miscellaneous

## LUMBAR SPINE / LOW BACK PAIN

1. [Association of early imaging for back pain with clinical outcomes in older adults.](#) Jarvik JG, et al. JAMA. 2015 Mar 17;313(11):1143-53.
2. [A literature review of clinical tests for lumbar instability in low back pain: validity and applicability in clinical practice.](#) Ferrari S, et al. Chiropr Man Therap. 2015 Apr 8;23:14.
3. [Patients with low back pain had distinct clinical course patterns that were typically neither complete recovery nor constant pain. A latent class analysis of longitudinal data.](#) Kongsted A, et al. Spine J. 2015 May 1;15(5):885-94.
4. [Association between changes in lumbar Modic changes and low back symptoms over a two-year period.](#) Järvinen J, et al. BMC Musculoskelet Disord. 2015 Apr 22;16:98.
5. [Comparative clinical effectiveness of management strategies for sciatica: systematic review and network meta-analyses.](#) Lewis RA, et al. Spine J. 2015 Jun 1;15(6):1461-1477.
6. [Efficacy of aerobic exercise for treatment of chronic low back pain: a meta-analysis.](#) Meng XG, et al. Am J Phys Med Rehabil. 2015 May;94(5):358-65.
7. [Predicting a clinically important outcome in patients with low back pain following McKenzie therapy or spinal manipulation: a stratified analysis in a randomized controlled trial.](#) Petersen T, et al. BMC Musculoskelet Disord. 2015 Apr 1;16:74.
8. [Change in lumbar lordosis during prone lying knee flexion test in subjects with and without low back pain.](#) Arab AM, et al. Chiropr Man Therap. 2015 Jun 1;23:18.

## MANIPULATION / MANUAL THERAPY

9. [Chiropractic care and the risk of vertebrobasilar stroke: results of a case-control study in U.S. commercial and Medicare Advantage populations.](#) Kosloff TM, et al. Chiropr Man Therap. 2015 Jun 16;23:19.
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## PROPRIOCEPTION

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## BIOMECHANICS

13. [High-heeled-related alterations in the static sagittal profile of the spino-pelvic structure in young women.](#) Dai M, et al. Eur Spine J. 2015 Jun;24(6):1274-81.

## RADIOLOGY

14. [Systematic literature review of imaging features of spinal degeneration in asymptomatic populations.](#) Brinjikji W, et al. AJNR Am J Neuroradiol. 2015 Apr;36(4):811-6.
15. [Neuromuscular ultrasound imaging in low back pain patients with radiculopathy.](#) Frost LR, et al. Man Ther. 2015 May 21. pii: S1356-689.
16. [Imaging of shoulder instability.](#) Walz DM, et al. Semin Musculoskelet Radiol. 2015 Jul;19(3):254-68.

## SHOULDER

17. [Effectiveness of dry needling for myofascial trigger points associated with neck and shoulder pain: A systematic review and meta-analysis.](#) Liu L, et al. Arch Phys Med Rehabil. 2015 May;96(5):944-55.
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## SPORT MEDICINE & REHABILITATION

19. [Chronic leg pain in athletes.](#) Burrus MT, et al. Am J Sports Med. 2015 Jun;43(6):1538-47.
20. [Study quality on groin injury management remains low: A systematic review on treatment of groin pain in athletes.](#) Serner A, et al. Br J Sports Med. 2015 Jun;49(12):813.
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22. [Healthy eating and reduced risk of cognitive decline: A cohort from 40 countries.](#) Smyth A, et al. Neurology. 2015 Jun 2;84(22):2258-65.
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27. [The role of protein in weight loss and maintenance.](#) Leidy HJ, et al. Am J Clin Nutr. 2015 Apr 29.
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## CARE OF OLDER ADULTS

29. [Adverse events among seniors receiving spinal manipulation and exercise in a randomized clinical trial.](#) Maiers M, et al. *Man Ther.* 2015 Apr;20(2):335-41.
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## PAIN

32. [Is temporal summation of pain and spinal nociception altered during normal aging?](#) Marouf R, et al. *Pain.* 2015 Jun 3.
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## PREGNANCY

34. [Yoga interventions in pregnancy: A qualitative review.](#) Sharma M, Branscum P. *J Altern Complement Med.* 2015 Apr;21(4):208-16.

## MISCELLANEOUS

35. [Informed consent for chiropractic care: Comparing patients' perceptions to the legal perspective.](#) Winterbottom M, et al. *Man Ther.* 2015 Jun;20(3):463-8.
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37. [Does pelvic floor muscle training abolish symptoms of urinary incontinence? A randomized controlled trial.](#) Celiker Tosun O, et al. *Clin Rehabil.* 2015 Jun;29(6):525-37.

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