

## **G) Leg length disparity**

1. Is Leg Length Discrepancy Associated With the Side of Radiating Pain in Patients With a Lumbar Herniated Disc? ten Brinke, Albert PT; van der Aa, Hans E. MD, PhD; van der Palen, Job PhD; Oosterveld, Frits PT, PhD **Spine Journal**: April 1999 - Volume 24 - Issue 7 - pp 684-686 (H)
2. Clinical symptoms and biomechanics of lumbar spine and hip joint in leg length inequality. Friberg O **Spine Journal** 1983;Sep;8(6)p643-641 (H)
3. The Effect of Leg Length Discrepancy on Spinal Motion During Gait: Three-Dimensional Analysis in Healthy Volunteers Kakushima, Mototaka MD; Miyamoto, Kei MD, PhD; Shimizu, Katsuji MD, DMsc **Spine Journal** 1 November 2003 - Volume 28 - Issue 21 - pp 2472-2476 (H)
4. Lumbar Spine Structural Changes Associated With Leg Length Inequality GILES, L G F MSc; TAYLOR, J R MB ChB, PhD **Spine Journal** April 1982 Volume 7 (H)
5. The Relationship between Leg Length Discrepancy and Lumbar Facet Orientation FROH, R MD; YONG-HING, K MB, FRCSC; CASSIDY, J D DC, MSc; HOUSTON, C S MD, FRCPC **Spine Journal** Volume 13 March 1988 (H)
6. Disproportionate Body Growth in Girls with Adolescent Idiopathic Scoliosis: A Longitudinal Study UPADHYAY, S. S. BSc DOrth, MS(Orth); DM, L. C. S. HSU, FRCSE, FACS; HO, E. K. W. FRCS, FRACS, J. C. Y. LEONG, FRCS, FRCSE, FRACS; LEE, M. K. **Spine Journal** Aug 1991 Volume 16 (H) (R)
7. Scoliosis associated with limb length inequality. Papaioannou T, Stokes I, Kenwright J. **J Bone and joint surgery** 1982;64(1)59-62. (H)
8. Conservative correction of leg-length discrepancies of 10mm or less for the relief of chronic low back pain (Randomized control trial) **Arch Phys Med Rehabil.** 2005 Nov;86(11):2075-80. (T) (H)
9. Limb length inequality: clinical implications for assessment and intervention. Brady RJ, Dean JB, Skinner TM, Gross MT. **J Orthop Sports Phys Ther.** 2003 May;33(5):221-34. (T)
10. Prevalence of frontal plane pelvic postural asymmetry-part 1. Juhl JH, Ippolito Cremin TM, Russell G. **J Am Osteopath Assoc.** 2004 Oct;104(10):411-21. ®

11. A standardized technique for lower limb radiography. Practice, applications, and error analysis. Siu D, Cooke TD, Broekhoven LD, Lam M, Fisher B, Saunders G, Challis TW. **Invest Radiol**. 1991 Jan;26(1):71-7. (R)
12. Limb length discrepancies of the lower extremity (the short leg syndrome). Subotnick S **J Orthop Sports Phys Ther** 1981;3:11-16. (H)
13. Ruptures of the Achilles tendon: relationship to inequality in length of legs and to patterns in the foot and ankle. Leppilahti J, Korpelainen R, Karpakka J, Kvist M, Orava S. **Foot Ankle Int** 1998;19(10):683-687. (H)
14. Radiographic measurement of bow leg deformity: variability due to method and limb rotation. Strickler SJ, Faustgen JP. **J Pediatric Orthop** 1994;14:147-151. (R)
16. Leg length inequality and the side of low back pain, a pilot study. Anderson RG, Hayak R, Foggerty MP. **Comsig Rev**: Jul 1995(4:2) 33-36. (H) (T)
17. Iliotibial band syndrome in cyclists. Anderson RG, Hayak R, Foggerty MP. **Am J Sports Med**. 1993;21(3):419-424. (H) (T)
18. Risk factors for recurrent stress fractures in athletes. . Korpelainen R, Orava S, Karpakka J, Siira P, Julkko A. **Am J Sports Med** 2001;29(3):304-310. (H)
19. Gait asymmetry in patients with limb-length inequality. Kaufman KR, Miller LS, Sutherland DH. **J Pediatric Orthopaedics** 1996;16:144-150. (H) (T)
20. The effect of limb-length discrepancy on gait. Song KM, Halliday SE, Little DG. **J Bone Joint Surgery** 1997;79-A(11):1690-1698. (H)
21. Leg length discrepancy. Gurney B. **Gait and Posture** 2000;15:195-206. (H)
22. Anatomic and functional leg-length inequality: A review and recommendation for clinical decision-making. Part I, anatomical leg-length inequality: prevalence, magnitude, effects and clinical significance. Knutson GA. **Chiropractic & Osteopathy** 2005;13(11):1-10. (T)
23. Leg length inequality in total hip replacement. Hoikka V, Vankka E, Tallroth K, Paavilainen T, Lindholm TS. **Ann Chir Gynaecol** 1991;80(4):396-401. (H)
24. Leg Length Inequality and the Side of Low back Pain: A Pilot Study. Anderson, R.; Hayak, R.; Foggerty, M. **Comsig Review** 1995; 4(2):33-6. (H) (T)

25. Risk factors for stress fractures in track and field athletes. Bennell KL, Malcolm SA, Thomas SA, Reid SJ, Brukner PD, Ebeling PR, Wark JD. **Am J Sports Med** 1996;24(6):810-818. (H)
26. AP Pelvic X-ray Investigation to Determine Heel Lift Intervention based on Anatomical Leg Length Inequality in Chronic Low Back Pain. Defrin R, Ben Benyamin S, Aldubi RD, Pick CG (T)
27. Association of leg-length inequality with knee osteoarthritis: a cohort study. Harvey WF, Yang M, Cooke TD, Segal NA, ... Lewis CE, Felson DT **Ann Intern Med**: 02 Mar 2010; 152:287-95 (H)
28. Relationship of limb length inequality with radiographic knee and hip osteoarthritis **Osteoarthritis and Cartilage**, Volume 15, Issue 7, Pages 824-829  
Y. Golightly, K. Allen, J. Renner, C. Helmick, A. Salazar, J. Jordan (H)
29. Low back pain associated with leg length inequality. Giles LGF, Taylor JR. **Spine** 1981;6:510-521. (H)
30. Scoliosis associated with limb-length inequality. Papaioannou T, Stokes I, Kenwright J. **J Bone Joint Surg Am** 1982;64(1):59-62. (H)
31. Persistent low back pain and leg length disparity. Gofton JP. **J Rheumatol** 1985;12747-750. (H)
32. Effectiveness of orthotic shoe inserts in the long-distance runner. Gross ML, Davlin LB, Evanski PM. **Am J Sports Med** 1991;19(4):409-412. (T)
33. Heel lifting as a conservative therapy for osteoarthritis of the hip: based on the rationale of Pauwels' intertrochanteric osteotomy. Ohsawa S, Ueno R. **Prosthet Orthot Int** 1997;21(2):153-158. (T)