

# Sacroiliac Region

## Structure

### SI JOINT

(2) Ando A. Evaluation and treatment of unilateral sacrum with concurrent ilial and coccygeal dysfunctions. 2003.

(2) Dar G, et. Al. Sacroiliac joint fusion and the implications for manual therapy diagnosis and treatment. *Manual Ther.* 2008;13:155-158.

(2) DonTigny, R.L. Critical analysis of the sequence and extent of the result of the pathological failure of self-bracing of the sacroiliac joint. *JMMT.* 1999; 7 (4): 173 – 181.

Elgelid S. Piriformis function and rehabilitation based on muscle spindle density. *JOSPT.* 34(1). (abstract)

(1) Karim A. Sacroiliac Joint Dysfunction in a Male Professional Contemporary Dancer with Low Back Pain. (*Entered January 2011*)

(1) Lee D. Recent advances in the assessment and treatment of the sacroiliac joint- stability and the role of motor control. Presented at the: American Back Society Meeting, San Fransisco 2005. www. Dianelee.ca

(2) McGaugh, JM, Sizer, PS, Brisee, JM, Dedrick, GS. Comparing the anatomical accuracy of the posterior superior iliac spine to the iliac crest as a reference landmark for vertebral location in the lumbar spine: a retrospective radiographic study. (abstract). *Clin Anat.* 2007; 20 (7): 819 – 825.

Pool-Goudzwaard, A., Hoek vanDijke, G., Mulder, P., Spoor, C., Snijders, C., Stoeckart, R. The iliolumbar ligament: it's influence on stability of the sacroiliac joint. *Clin Biomech.* 2003;18:99-105.

(1) Sebastian D. The anatomical and physiological variations in the sacroiliac joint of the male and female: clinical implications. *J Manual and Manipulative Ther.* 2000;8:127-134.

(2) Rosatelli AL, Agur AM, Chhaya S. Anatomy of the interosseous region of the sacroiliac joint. *JOSPT,* April 2004; 36(4): 200-8

(1) Voorn R. Case report: can sacroiliac joint dysfunction cause chronic Achilles tendonitis? *JOSPT.* 1998;27:436-443.

(1) Young, S., Laslett, M., Aprill, C.N., Kelly, C.K. The sacroiliac joint: a study comparing diagnosis by physical examination and contrast enhanced diagnostic block arthrography.

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## · SI JOINT MOVEMENT

(1) Bussey, M., Bell, M. & Milosavljevic, S. The influence of hip abduction and external rotation on sacroiliac motion. *Manual Therapy*. 2009; 14: 520-5.

(1)Goode A, Hegedus EJ, Sizer P, et al. Three-dimensional movements of the sacroiliac joint: a systematic review of the literature and assessment of clinical utility. *The J of Man & Manip Ther*, 2008; 16: 25-38.

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## · COCCYX

(2) Heinrich S. Treatment of sacro-coccygeal dysfunction: dealing with a delicate issue in therapy. *Phys Ther Forum*, 1992 May 22

(1)Heller M. The Coccyx. [www.coccyx.org](http://www.coccyx.org). ?

(2) Schapiro S. Low back and rectal pain from an orthopedic and proctologic viewpoint. *Am J of Surgery*, 1950 January; pg 117-128.

(1)The Coccyx (chapter out of text). 259-263.

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## · *Disorder*

### SI JOINT PAIN

Etiology of Chronic Low Back Pain in Patients Having Undergone Lumbar Fusion. *Pain Medicine*. Apr 2011. (Entered July 2011)

(2) Foley BS, Buschbacher RM. Sacroiliac joint pain: anatomy, biomechanics, diagnosis, and treatment. *Am J Phys Med Rehabil*. 2006;85(12):997-1006. (abstract)

Huijbregts, P.A. Evidence-based diagnosis and treatment of the painful sacroiliac joint. *JMMT*. 2008; 16 (8): 153 – 154.

(2) Laslett, M. Evidence-based diagnosis and treatment of the painful sacroiliac joint. *JMMT*. 2008; 16 (3): 142 – 154.

(1) Laslett M, Young SB, et al. Diagnosing painful sacroiliac joints: a validity study of mckenzie evaluation and sacroiliac provocation tests. Abstracted by Deb Benson, 2005 IAOM Quarterly Review. *Austral J Physiother*. 2003;49:89-97.

(1) O'Sullivan PB, Beales DJ. Changes in pelvic floor and diaphragm kinematics and respiratory patterns in subjects with SI joint pain following motor learning intervention: a case series. *Manual Ther*, 2007; 12:209-218.

(1) O'Sullivan PB, Beales DJ, Beetham JA et al. (abstracted by Dan Ness in IAOM-US Quarterly Review. 2005 (1st Quarter) vol. 49:9-10.). Altered motor control strategies in subjects with sacroiliac joint pain during the active straight-leg-raise test. *Spine*. 2002;27:E1-8.

Patients' Own Accounts of Sciatica: A Qualitative Study. *Spine*. Jul 2011;36(15):1251-1256. (Entered July 2011)

Risk factors of sciatic pain: A prospective study among middle-aged employees. *European Journal of Pain*. Jul 2011;15(6):584-590. (Entered July 2011)

Sacroiliac Joint Pain after Lumbar and Lumbosacral Fusion: Findings Using Dual Sacroiliac Joint Blocks. *Pain Medicine*. Apr 2011. (Entered July 2011)

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## **COCCYDYNIA**

(1) Jean-Yves M, Chatellier G. Comparison of three manual coccydynia treatments: a pilot study. *Spine*. 2001;26(20):479-484.

(1) Maigne JY, Chatellier G. Comparison of three manual coccydynia treatments. *Spine*. 2001;26(20);

(1) Maigne JY, Doursounian L, Chatellier G. Causes and Mechanisms of Common Coccydynia. *Spine*;25(23):3072-3079.

(1) Maigne JY, Guedj S, Straus C. Idiopathic coccygodynia. Lateral roentgenograms in the sitting position and coccygeal discography. *Spine*. 1994;19:930-934.

(1)Maigne JY. Management of Common Coccydynia. [www.coccyx.org](http://www.coccyx.org). 2002: 1-10

(1)Thiele GH. Coccygodynia, the mechanism of its production and its relationship to anorectal disease. *Am J or Surg*. 1950:110-116.

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## ***Treatments/Tests***

### **· SI JOINT BELT**

(2)Damen S, Spoor CW Snijders CJ. Does a pelvic belt influence sacroiliac joint laxity. *Clin Biomech*, 2002; 17(7):495-98 (abstract)

Lee, D.G. The COM-PRESSOR. A specific pelvic compression belt.

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### **SI JOINT TEST RELIABILITY**

(1) Arab AM, Abdollahi I, Joghataei MT, Golafshani Z, Kazemnejad A. Inter- and intra-examiner reliability of single and composites of selected motion palpation and pain provocation tests for sacroiliac joint. *Man Ther*. 2009;14(2):213-221. (abstract)

(2)Robinson HS, Brox JI, Robinson R, Bjelland E, Solem S, Telje T. The reliability of selected motion and pain provocation tests for the sacroiliac joint. *Manual Ther*, 2007; 12:72-79.

Validity of the Straight-Leg Raise Test for Patients With Sciatic Pain With or Without Lumbar Pain Using Magnetic Resonance Imaging Results as a Reference Standard. *Journal of Manipulative and Physiological Therapeutics*. Jun 2011. (Entered July 2011)

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### **· COCCYX MANIPULATION**

(2) Maigne JY, Chatellier G, Faou ML, Arachambeau M. The treatment of chronic coccydynia with intrarectal manipulation: a RCT. *Spine*, 2006 Aug; 31(18):E621-7 (abstract)

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# Pelvic Region

## Structure

### · PELVIC FLOOR

(2) Agur WI, Steggles P, Waterfield M, Freeman RM. The long-term effectiveness of antenatal pelvic floor muscle training: eight-year follow up of a randomized controlled trial. *BJOG*. 2008 Jul 115(8):985-90

(1) Apte G. Considerations of Pelvic Floor Muscle Dysfunction in Treatment of Pelvic Pain, Low Back Pain and Incontinence. (*Entered January 2011*)

(1) Arab AM, Behbahani RB, Lorestani L, Azari A. Assessment of pelvic floor muscle function in women with and without low back pain using transabdominal ultrasound. *Manual Therapy*. 2010;15:235-239.

(2) Bo K, Sherburn M. Evaluation of female pelvic floor muscle function and strength. *Phys Ther*, 2005 Mar;85(3)

(3) Centracchio T. Colon hydrotherapy: a forgotten art. *Am Chiropractor*, 1986 Oct.

(1) Fisher, K.A. Management of dyspareunia and associated levator ani muscle overactivity. *Phys Ther*. 2007; 87 (7): 935 – 941.

(2) Fitzgerald MP, Kotarinos R. Rehabilitation of the short pelvic floor: background and patient evaluation. *Int Urogynecol J Pelvic Floor Dysfunct*, 2003 Oct; 14(4):261-8 (abstract)

(2) Gentilcone-Saulnier E, McLeon S, Goldfinger C, Pukall CF, Chaulerbain S. Pelvic floor muscle assessment outcomes in women with and without provoked vestibulodynia and the impact of a physical therapy program. *The Journal of Sexual Medicine*. (2 Pt 2):1003-22.

(2) Glazer HI. Measuring muscle. *Advance for Directors in Rehab*, Nov 2001.

(2) Hall J, Cleland JA, Palmer JA. The effects of manual physical therapy and therapeutic exercise on peripartum posterior pelvic pain: two case reports. *J Man Manip Ther*, 2005;13(2)

(2) Mann O. Pelvic joint dysfunctions, lifting injuries, and testicular pain. *J Occ and Environ Med*, 1998 May; 40(5).

(2) Prendergast SA, Weiss JM. Screening for musculoskeletal causes of pelvic pain. *Clin Ob Gyn*, 2003 Dec; 46(4)

(2) Sinaki M, Merritt JL, Stillwell GK. Tension myalgia of the pelvic floor. *Mayo Clin Prac*, 1977; 52:717-722

(2) Smith DA. Out in the open. *Advance for Directors in Rehab*, March 2001

(2) Solving the pain puzzle of pelvic floor dysfunction. *Advance for PTs and PTAs*, Feb 2001

(2) Stuge B, Morkved S, Dahl HH, Vollestad N. Abdominal and pelvic floor muscle function in women with and without long lasting pelvic girdle pain. *Manual Therapy*. 2006; 11:287-296.

(1) Van Alstyne L, Harrington K, Haskvitz E. Physical therapist management of chronic prostatitis/chronic pelvic pain syndrome. *Physical Therapy*. 2010 Dec; 90 (12): 1795-1806. (Entered April 2011).

(2) VanKampen M, DeWeerd W, Claes H, Feys H, DeMaeyer M, VanPoppel. Treatment of erectile dysfunction by perineal exercise, electromyographic biofeedback, and electrical stimulation. *Phs Ther*, 2003 June; 83(6)

(2) Vincent C. Anorectal Pain and Irritation: anal fissure, levator syndrome, proctalgia fugax, purities ani. *Primary Care; Clinics in Office Practice*, 1999 Mar; 26(1).

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## · **PELVIC GIRDLE**

(2) Apte, G. Pain Management Special Interest Group: case study. *Ortho Pract*. 2008; 20 (1): 35 – 38.

(1) Dorman, T., Brierly, S., Fray, J., Pappani, K. Muscles and Pelvic Clutch. *The Journal of Manual and Manipulative Therapy*. Vol.3(3); 1995: 85-90.

(2) Elgelid S. Piriformis function and rehabilitation based on muscle spindle density. *JOSPT*. 34(1). (abstract).

(1) Franke BA. Formative dynamics: the pelvic girdle. *J Manual & Manip Ther.* 2003;11:12-40.

(1) Heathcock JC, Bhat AN, Lobo MA, Galloway JC. Ther Performance of Infants Born Preterm and Full-term in the Mobile Paradigm: Learning and Memory. *Phys Ther.* 2004;84(9):808-801-808. (Entered January 2011)

(1) Lee D. The Pelvic Girdle: An Approach to the Examination and Treatment of the Lumbo-pelvic-hip Complex. 1999; Elsevier Health Sciences: 24-31.

(1) Lee D. Impaired load transfer through the pelvic girdle: a new model of altered neutral zone function. *North American Institute of Orthopedic Manual Therapy.* 1999;IV:1-7.

Rogers EL, Granata KP. Disturbed paraspinal reflex following prolonged flexion-relaxation and recovery. (abstract). *Spine.* 2006;31:839-845.

Vaughn, HT., Nitsch, W., Letters to the editor: on "ilial anterior rotation." *Phy Ther.* 2008; 88: 1578 – 1590.  
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## · **PELVIC MOVEMENT**

Bussey, M, Milosavljevic, S. & Bell, M. Sex differences in the pattern of innominate motion during passive hip abduction and external rotation. *Manual Therapy.* 2009; 14: 514-9. March 2010.

(2) Congdon, R., Bohannon, R., Tiberio, D. Intrinsic and imposed hamstring length influence posterior pelvic rotation during hip flexion. *JOSPT.* 2006; 36 (5): 339. (abstract).

Van Wingerden, JP., Vleeming, A., Buyruk, HM., Raissadat, K. "Stabilization of the sacroiliac joint in vivo: verification of muscular contribution to force closure of the pelvis." *Eur Spine J.* 2004;13:199-205.

(1) Vaughn HT, Nitsch W. Iliac Anterior Rotation Hypermobility in s Female Collegiate Tennis Player. *Physical Therapy.* 2008:December:12:1578-1590

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