

References

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1. Himstead AS, Brown NJ, Shahrestani S, et al. Trends in Diagnosis and Treatment of Sacroiliac Joint Pathology Over the Past 10 Years: Review of Scientific Evidence for New Devices for Sacroiliac Joint Fusion. *Cureus*. Jun 2021; 13(6): e15415. PMID 34249562
2. Dreyfuss P, Michaelsen M, Pauza K, et al. The value of medical history and physical examination in diagnosing sacroiliac joint pain. *Spine (Phila Pa 1976)*. Nov 15 1996; 21(22): 2594-602. PMID 8961447
3. Simopoulos TT, Manchikanti L, Gupta S, et al. Systematic Review of the Diagnostic Accuracy and Therapeutic Effectiveness of Sacroiliac Joint Interventions. *Pain Physician*. 2015; 18(5): E713-56. PMID 26431129
4. Manchikanti L, Abdi S, Atluri S, et al. An update of comprehensive evidence-based guidelines for interventional techniques in chronic spinal pain. Part II: guidance and recommendations. *Pain Physician*. Apr 2013; 16(2 Suppl): S49-283. PMID 23615883
5. Manchikanti L, Datta S, Derby R, et al. A critical review of the American Pain Society clinical practice guidelines for interventional techniques: part 1. Diagnostic interventions. *Pain Physician*. 2010; 13(3): E141-74. PMID 20495596.
6. Manchikanti L, Datta S, Gupta S, et al. A critical review of the American Pain Society clinical practice guidelines for interventional techniques: part 2. Therapeutic interventions. *Pain Physician*. 2010; 13(4):E215-64. PMID 20648212.
7. Rupert MP, Lee M, Manchikanti L, et al. Evaluation of sacroiliac joint interventions: a systematic appraisal of the literature. *Pain Physician*. 2009; 12(2): 399-418. PMID 19305487.
8. Chou R, Atlas SJ, Stanos SP, et al. Nonsurgical interventional therapies for low back pain: a review of the evidence for an American Pain Society clinical practice guideline. *Spine (Phila Pa 1976)*. May 01, 2009; 34(10): 1078-93. PMID 19363456.
9. Chou R, Loeser JD, Owens DK, et al. Interventional therapies, surgery, and interdisciplinary rehabilitation for low back pain: an evidence-based clinical practice guideline from the American Pain Society. *Spine (Phila Pa 1976)*. May 01 2009; 34(10): 1066-77. PMID 19363457.

10. Hansen H, Manchikanti L, Simopoulos TT, et al. A systematic evaluation of the therapeutic effectiveness of sacroiliac joint interventions. *Pain Physician*. 2012; 15(3): E247-78. PMID 22622913.
11. Patel A, Kumar D, Singh S, et al. Effect of Fluoroscopic-Guided Corticosteroid Injection in Patients With Sacroiliac Joint Dysfunction. *Cureus*. Mar 2023; 15(3): e36406. PMID 37090293.
12. Visser LH, Woudenberg NP, de Bont J, et al. Treatment of the sacroiliac joint in patients with leg pain: a randomized-controlled trial. *Eur Spine J*. Oct 2013; 22(10): 2310-7. PMID 23720124.
13. Kim WM, Lee HG, Jeong CW, et al. A randomized controlled trial of intra-articular prolotherapy versus steroid injection for sacroiliac joint pain. *J Altern Complement Med*. Dec 2010; 16(12): 1285-90. PMID 21138388.
14. Kennedy DJ, Engel A, Kreiner DS, et al. Fluoroscopically Guided Diagnostic and Therapeutic Intra Articular Sacroiliac Joint Injections: A Systematic Review. *Pain Med*. Aug 2015; 16(8): 1500-18. PMID 26178855.
15. Ab Aziz SNF, Zakaria Mohamad Z, Karupiah RK, et al. Efficacy of Sacroiliac Joint Injection With Anesthetic and Corticosteroid: A Prospective Observational Study. *Cureus*. Apr 2022; 14(4): e24039. PMID 35547453.
16. Al Khayyat SG, Fogliame G, Barbagli S, et al. Ultrasound guided corticosteroids sacroiliac joint injections (SIJIs) in the management of active sacroiliitis: a real-life prospective experience. *J Ultrasound*. Jun 2023; 26(2): 479-486. PMID 36229757
17. Chandrupatla RS, Shahidi B, Bruno K, et al. A Retrospective Study on Patient-Specific Predictors for Non-Response to Sacroiliac Joint Injections. *Int J Environ Res Public Health*. Nov 23 2022; 19(23). PMID 36497595
18. Chou R, Fu R, Dana T, Pappas M, Hart E, Mauer KM. Interventional Treatments for Acute and Chronic Pain: Systematic Review. Comparative Effectiveness Review No. 247. (Prepared by the Pacific Northwest Evidence-based Practice Center under Contract No. 75Q80120D00006.) AHRQ Publication No. 21-EHC030. Rockville, MD: Agency for Healthcare Research and Quality; September 2021. PMID: 34524764
19. Chappell ME, Lakshman R, Trotter P, et al. Radiofrequency denervation for chronic back pain: a systematic review and meta-analysis. *BMJ Open*. Jul 21 2020; 10(7): e035540. PMID 32699129
20. Juch JNS, Maas ET, Ostelo RWJG, et al. Effect of Radiofrequency Denervation on Pain Intensity Among Patients With Chronic Low Back Pain: The Mint Randomized Clinical Trials. *JAMA*. Jul 04 2017; 318(1): 68-81. PMID 28672319.
21. Chen CH, Weng PW, Wu LC, et al. Radiofrequency neurotomy in chronic lumbar and sacroiliac joint pain: A meta-analysis. *Medicine (Baltimore)*. Jun 2019; 98(26): e16230. PMID 31261580.

22. Cohen SP, Kapural L, Kohan L, et al. Cooled radiofrequency ablation versus standard medical management for chronic sacroiliac joint pain: a multicenter, randomized comparative effectiveness study. *Reg Anesth Pain Med*. Jul 05 2023. PMID 37407279
23. Mehta V, Poply K, Husband M, et al. The Effects of Radiofrequency Neurotomy Using a Strip-Lesioning Device on Patients with Sacroiliac Joint Pain: Results from a Single-Center, Randomized, Sham- Controlled Trial. *Pain Physician*. Nov 2018; 21(6): 607-618. PMID 30508988
24. van Tilburg CW, Schuurmans FA, Stronks DL, et al. Randomized Sham-controlled Double-Blind Multicenter Clinical Trial to Ascertain the Effect of Percutaneous Radiofrequency Treatment for Sacroiliac Joint Pain: Three-month Results. *Clin J Pain*. Nov 2016; 32(11): 921-926. PMID 26889616
25. Zheng Y, Gu M, Shi D, et al. Tomography-guided palisade sacroiliac joint radiofrequency neurotomy versus celecoxib for ankylosing spondylitis: a open-label, randomized, and controlled trial. *Rheumatol Int*. Sep 2014; 34(9): 1195-202. PMID 24518967
26. Patel N, Gross A, Brown L, et al. A randomized, placebo-controlled study to assess the efficacy of lateral branch neurotomy for chronic sacroiliac joint pain. *Pain Med*. Mar 2012; 13(3): 383-98. PMID 22299761.
27. Patel N. Twelve-Month Follow-Up of a Randomized Trial Assessing Cooled Radiofrequency Denervation as a Treatment for Sacroiliac Region Pain. *Pain Pract*. Feb 2016; 16(2): 154-67. PMID 25565322
28. Whang P, Cher D, Polly D, et al. Sacroiliac Joint Fusion Using Triangular Titanium Implants vs. Non-Surgical Management: Six-Month Outcomes from a Prospective Randomized Controlled Trial. *Int J Spine Surg*. 2015; 9: 6. PMID 25785242
29. Polly DW, Cher DJ, Wine KD, et al. Randomized Controlled Trial of Minimally Invasive Sacroiliac Joint Fusion Using Triangular Titanium Implants vs Nonsurgical Management for Sacroiliac Joint Dysfunction: 12-Month Outcomes. *Neurosurgery*. Nov 2015; 77(5): 674-90; discussion 690-1. PMID 26291338
30. Polly DW, Swofford J, Whang PG, et al. Two-Year Outcomes from a Randomized Controlled Trial of Minimally Invasive Sacroiliac Joint Fusion vs. Non-Surgical Management for Sacroiliac Joint Dysfunction. *Int J Spine Surg*. 2016; 10: 28. PMID 27652199
31. Darr E, Meyer SC, Whang PG, et al. Long-term prospective outcomes after minimally invasive transiliac sacroiliac joint fusion using triangular titanium implants. *Med Devices (Auckl)*. 2018; 11: 113-121. PMID 29674852
32. Sturesson B, Kools D, Pflugmacher R, et al. Six-month outcomes from a randomized controlled trial of minimally invasive SI joint fusion with

- triangular titanium implants vs conservative management. *Eur Spine J.* Mar 2017; 26(3): 708-719. PMID 27179664
33. Dengler J, Sturesson B, Kools D, et al. Referred leg pain originating from the sacroiliac joint: 6-month outcomes from the prospective randomized controlled iMIA trial. *Acta Neurochir (Wien).* Nov 2016; 158(11): 2219-2224. PMID 27629371
34. Dengler JD, Kools D, Pflugmacher R, et al. 1-Year Results of a Randomized Controlled Trial of Conservative Management vs. Minimally Invasive Surgical Treatment for Sacroiliac Joint Pain. *Pain Physician.* Sep 2017; 20(6): 537-550. PMID 28934785
35. Dengler J, Kools D, Pflugmacher R, et al. Randomized Trial of Sacroiliac Joint Arthrodesis Compared with Conservative Management for Chronic Low Back Pain Attributed to the Sacroiliac Joint. *J Bone Joint Surg Am.* Mar 06 2019; 101(5): 400-411. PMID 30845034
36. Duhon BS, Cher DJ, Wine KD, et al. Triangular Titanium Implants for Minimally Invasive Sacroiliac Joint Fusion: A Prospective Study. *Global Spine J.* May 2016; 6(3): 257-69. PMID 27099817
37. Duhon BS, Bitan F, Lockstadt H, et al. Triangular Titanium Implants for Minimally Invasive Sacroiliac Joint Fusion: 2-Year Follow-Up from a Prospective Multicenter Trial. *Int J Spine Surg.* 2016; 10: 13. PMID 27162715
38. Whang PG, Darr E, Meyer SC, et al. Long-Term Prospective Clinical And Radiographic Outcomes After Minimally Invasive Lateral Transiliac Sacroiliac Joint Fusion Using Triangular Titanium Implants. *Med Devices (Auckl).* 2019; 12: 411-422. PMID 31576181
39. Patel V, Kovalsky D, Meyer SC, et al. Prospective Trial of Sacroiliac Joint Fusion Using 3D-Printed Triangular Titanium Implants. *Med Devices (Auckl).* 2020; 13: 173-182. PMID 32607011
40. Vanaclocha V, Herrera JM, Sáiz-Sapena N, et al. Minimally Invasive Sacroiliac Joint Fusion, Radiofrequency Denervation, and Conservative Management for Sacroiliac Joint Pain: 6-Year Comparative Case Series. *Neurosurgery.* Jan 01 2018; 82(1): 48-55. PMID 28431026
41. Spain K, Holt T. Surgical Revision after Sacroiliac Joint Fixation or Fusion. *Int J Spine Surg.* 2017; 11(1):5. PMID 28377863
42. Schoell K, Buser Z, Jakoi A, et al. Postoperative complications in patients undergoing minimally invasive sacroiliac fusion. *Spine J.* Nov 2016; 16(11): 1324-1332. PMID 27349627
43. Tran ZV, Ivashchenko A, Brooks L. Sacroiliac Joint Fusion Methodology - Minimally Invasive Compared to Screw-Type Surgeries: A Systematic Review and Meta-Analysis. *Pain Physician.* Jan 2019; 22(1): 29-40. PMID 30700066
44. Lorio M, Kube R, Araghi A. International Society for the Advancement of Spine Surgery Policy 2020 Update-Minimally Invasive Surgical Sacroiliac

- Joint Fusion (for Chronic Sacroiliac Joint Pain): Coverage Indications, Limitations, and Medical Necessity. *Int J Spine Surg.* Dec 2020; 14(6): 860-895. PMID 33560247
45. Rappoport LH, Luna IY, Joshua G. Minimally Invasive Sacroiliac Joint Fusion Using a Novel Hydroxyapatite-Coated Screw: Preliminary 1-Year Clinical and Radiographic Results of a 2-Year Prospective Study. *World Neurosurg.* May 2017; 101: 493-497. PMID 28216399
 46. Rappoport LH, Helsper K, Shirk T. Minimally invasive sacroiliac joint fusion using a novel hydroxyapatite-coated screw: final 2-year clinical and radiographic results. *J Spine Surg.* Jun 2021; 7(2):155-161. PMID 34296027
 47. Fuchs V, Ruhl B. Distraction arthrodesis of the sacroiliac joint: 2-year results of a descriptive prospective multi-center cohort study in 171 patients. *Eur Spine J.* Jan 2018; 27(1): 194-204. PMID 29058134
 48. Calodney AK, Azeem N, Buchanan P, et al. Six Month Interim Outcomes from SECURE: A Single arm, Multicenter, Prospective, Clinical Study on a Novel Minimally Invasive Posterior Sacroiliac Fusion Device. *Expert Rev Med Devices.* May 2022; 19(5): 451-461. PMID 35724479
 49. Kucharzyk D, Colle K, Boone C, et al. Clinical Outcomes Following Minimally Invasive Sacroiliac Joint Fusion With Decortication: The EVoluSION Clinical Study. *Int J Spine Surg.* Feb 2022; 16(1): 168-175. PMID 35217586
 50. Benzon HT, Connis RT, De Leon-Casasola OA, et al. Practice guidelines for chronic pain management: an updated report by the American Society of Anesthesiologists Task Force on Chronic Pain- Management and the American Society of Regional Anesthesia and Pain Medicine. *Anesthesiology.* Apr 2010; 112(4): 810-33. PMID 20124882
 51. Lee DW, Pritzlaff S, Jung MJ, et al. Latest Evidence-Based Application for Radiofrequency Neurotomy (LEARN): Best Practice Guidelines from the American Society of Pain and Neuroscience (ASPn). *J Pain Res.* 2021; 14: 2807-2831. PMID 34526815
 52. Sayed D, Grider J, Strand N, et al. The American Society of Pain and Neuroscience (ASPn) Evidence-Based Clinical Guideline of Interventional Treatments for Low Back Pain. *J Pain Res.* 2022; 15: 3729-3832. PMID 36510616
 53. National Institute for Health and Care Excellence. Minimally invasive sacroiliac joint fusion surgery for chronic sacroiliac pain [IPG578]. 2017; <https://www.nice.org.uk/guidance/ipg578>. Accessed October 4, 2022.
 54. National Institute for Health and Care Excellence. iFuse for treating chronic sacroiliac joint pain [MTG39]. 2022; <https://www.nice.org.uk/guidance/mtg39>. Accessed October 4, 2023

