

References – Spondylolysis and Spondylolisthesis

1. Standaert CJ, Herring SA. Spondylolysis: A critical review. *Br J Sports Med.* 2000;34(6):415-422. doi: 10.1136/bjism.34.6.415.
2. Jones TR, Rao RD. Adult isthmic spondylolisthesis. *J Am Acad Orthop Surg.* 2009;17(10):609-617. doi: 10.5435/00124635-200910000-00003.
3. Cheung EV, Herman MJ, Cavalier R, Pizzutillo PD. Spondylolysis and spondylolisthesis in children and adolescents: Ii. Surgical management. *J Am Acad Orthop Surg.* 2006;14(8):488-498. doi: 10.5435/00124635-200608000-00006.
4. Buck JE. Direct repair of the defect in spondylolisthesis. Preliminary report. *J Bone Joint Surg Br.* 1970;52(3):432-437.
5. Tsai SHL, Chang CW, Chen WC, et al. Does direct surgical repair benefit pars interarticularis fracture? A systematic review and meta-analysis. *Pain Physician.* 2022;25(3):265-282.
6. Gillis CC, Eichholz K, Thoman WJ, Fessler RG. A minimally invasive approach to defects of the pars interarticularis: Restoring function in competitive athletes. *Clin Neurol Neurosurg.* 2015;139:29-34. doi: 10.1016/j.clineuro.2015.08.024.
7. Ghobrial GM, Crandall KM, Lau A, Williams SK, Levi AD. Minimally invasive direct pars repair with cannulated screws and recombinant human bone morphogenetic protein: Case series and review of the literature. *Neurosurg Focus.* 2017;43(2):E6. doi: 10.3171/2017.5.Focus17153.
8. AO Foundation Surgery Reference. Primary Repair with Pars Screw; Spondylolisthesis – Type 1. Accessed 2025 Feb 15.
<https://surgeryreference.aofoundation.org/spine/deformities/spondylolisthesis/spondylolisthesis-type-1/primary-repair-with-pars-screw#decortication>
9. Nicol RO, Scott JH. Lytic spondylolysis. Repair by wiring. *Spine (Phila Pa 1976).* 1986;11(10):1027-1030. doi: 10.1097/00007632-198612000-00011.
10. Gillet P, Petit M. Direct repair of spondylolysis without spondylolisthesis, using a rod-screw construct and bone grafting of the pars defect. *Spine (Phila Pa 1976).* 1999;24(12):1252-1256. doi: 10.1097/00007632-199906150-00014.
11. Hefti F, Seelig W, Morscher E. Repair of lumbar spondylolysis with a hook-screw. *Int Orthop.* 1992;16(1):81-85. doi: 10.1007/bf00182992.
12. Sairyo K, Goel VK, Faizan A, Vadapalli S, Biyani S, Ebraheim N. Buck's direct repair of lumbar spondylolysis restores disc stresses at the involved and adjacent levels. *Clin Biomech (Bristol, Avon).* 2006;21(10):1020-1026. doi: 10.1016/j.clinbiomech.2006.06.011.
13. Yurac R, Bravo JT, Silva Á, Marré B. Spondylolysis Repair Using a Minimally Invasive Modified Buck Technique with Neuronavigation and Neuromonitoring in High School and Professional Athletes: Technical Notes, Case Series, and Literature Review. *World Neurosurg.* 2021;155:54-63. doi:10.1016/j.wneu.2021.07.134
14. Yamamoto, T., Iinuma, N., Miyamoto, K. *et al.* Segmental wire fixation for lumbar spondylolysis associated with spina bifida occulta. *Arch Orthop Trauma Surg* 128, 1177–1182 (2008).