

Lumbar pedicle screw placement

- Robotically assisted and minimally invasive pedicle screw placement at the lumbar spine
- Answer to the Letter to the Editor of N. Khaledian, et al. concerning "Percutaneous pedicle screw placement with a mini-open decompression versus open surgery in the treatment of lumbar spondylolisthesis: one-year results of a randomised controlled trial" by A. Broekema, et al. (Eur Spine J [2025]: doi:10.1007/s00586-025-08855-4)
- Reconstruction with transiliac-transsacral screws and spinopelvic fixation for combined lumbar and sacral fractures: Two case reports
- Risk Factors for Nonunion Following Posterior Lumbar Interbody Fusion at L5-S1: Importance of Bilateral Bicortical Purchase of S1 Pedicle Screws
- Robot-assisted versus navigated spinal fusion surgery: a comparative multicenter study on transpedicular screw placement accuracy and patient outcomes
- A Prospective Study on the Functional Outcomes of Surgical Management of Lumbar and Lumbosacral Spondylolisthesis Using Pedicle Screw Fixation and Posterolateral Fusion
- Risk factors for facet joint violation in minimally invasive and open lumbar interbody fusion: a systematic review and meta-analysis
- Lumbar spine deformation between prone and supine CTs

see [Open lumbar pedicle screw technique](#).

see [Lumbar percutaneous transpedicular screw technique](#).

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