

Pedicle screw

[Pedicle screws](#) are the most ubiquitous method of treating spinal pathologies requiring [lumbar fusion](#). 

The use of [pedicle screws](#) has become popular during the 1990s, first in applications involving the [lumbar spine](#) and subsequently in [thoracic spine](#) surgery.

[Monoaxial Screw](#)

[Polyaxial Screw](#)

Screw pullout

see [Anchored screw](#)

see [Cervical pedicle screw](#)

see [Thoracic pedicle screw](#)

see [S1 pedicle screw](#)

Placement

[Pedicle screw placement](#).

Complications

Neurological symptoms are likely associated only with severe [screw misplacement](#) ¹⁾.

¹⁾

Nevzati E, Marbacher S, Soleman J, Perrig WN, Diepers M, Khamis A, Fandino J. Accuracy of Pedicle Screw Placement in the Thoracic and Lumbosacral Spine Using a Conventional Intraoperative Fluoroscopy-Guided Technique: A National Neurosurgical Education and Training Centre Analysis of 1236 Consecutive Screws. World Neurosurg. 2014 Jun 17. pii: S1878-8750(14)00569-5. doi: 10.1016/j.wneu.2014.06.023. [Epub ahead of print] Review. PubMed PMID: 24954252.

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