

Anchored screw

Anchor sleeves with 6.5-mm-diameter pedicle screws provided markedly higher resistance to screw pullout than 7.5-mm-diameter revision screws and fixation statistically equivalent to 8.5-mm-diameter screws, possibly because of medial-lateral expansion within the vertebral space and/or convex filling of the pedicle. AS results had the lowest SD, indicating minimal variability in bone-screw purchase ¹⁾.

¹⁾

Manon J, Hussain MM, Harris J, Moldavsky M, La Marca F, Bucklen BS. Biomechanical Investigation of a Novel Revision Device in an Osteoporotic Model: Pullout Strength of Pedicle Screw Anchor Versus Larger Screw Diameter. J Spinal Disord Tech. 2015 Aug 19. [Epub ahead of print] PubMed PMID: 26301731.

From:

<https://neurosurgerywiki.com/wiki/> - **Neurosurgery Wiki**

Permanent link:

https://neurosurgerywiki.com/wiki/doku.php?id=anchored_screw

Last update: **2024/06/07 02:56**

