

# Percutaneous posterior lumbar interbody fusion

In the Percutaneous posterior lumbar interbody fusion (PPLIF) group, as compared with [posterior lumbar interbody fusion](#) (PLF) group, mean operating time was shorter, blood loss was negligible, and mean hospital time was halved. By the last follow-up visit (greater than or equal to 2 years), pain and disability in PLF group had diminished by 31.9% and 20.1%, respectively. The corresponding figures in PPLIF group were 55.4% and 42.7%, respectively.

In the context of postdiscectomy low back pain, PPLIF has proven, thus far, to be a safe procedure with improved clinical results <sup>1)</sup>.

<sup>1)</sup>

Gepstein R, Shabat S, Reichel M, Pikarsky I, Folman Y. Treatment of postdiscectomy low back pain by percutaneous posterior lumbar interbody fusion versus open posterior lumbar fusion with pedicle screws. Spine J. 2008 Sep-Oct;8(5):741-6. Epub 2007 Nov 5. PubMed PMID: 17981094.

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