

Smith Petersen osteotomy

Smith Petersen osteotomy (SPOs) yield approximately 10° of lordosis per level, whereas [pedicle subtraction osteotomy](#) result in as much as 30° increased [lumbar lordosis](#).

Selective release of the [anterior longitudinal ligament](#) (ALL) and placement of lordotic interbody grafts using the minimally invasive [lateral retroperitoneal transpsoas approach](#) (XLIF) has been performed as an attempt to increase lumbar lordosis while avoiding the morbidity of osteotomy.

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