

Lumbar degenerative spondylolisthesis (LDS), ~~i.e., is an the~~ acquired slippage of one lumbar vertebra ~~on over the one below it the lower one as the result of~~ ~~because of~~ degenerative instability; in the absence of a defect in the pars interarticularis. ~~The disease is a condition~~ frequently ~~seen observed~~ in middle-aged and ~~old elderly aged~~ females. ~~and patients~~ ~~Some patients with LDS may not present with any~~ ~~may have no~~ clinical symptoms. ~~Most of the time, the s~~ Symptomatic patients ~~generally~~ respond well to non-surgical treatments, ~~such as~~ ~~which include~~ lifestyle modification (reducing environmental pain generators), medication, physical therapy, weight reduction, multidisciplinary pain ~~clinics~~ ~~management~~, or epidural injections.

~~In~~ ~~Surgery may be necessary in~~ refractory ~~cases patients~~ with intolerable symptoms, ~~such as~~ ~~(a a dramatic decline in quality of life, unresponsive to a reasonable trial of >3 months~~ ~~conservative treatment,~~ rest pain, progressive neurological deficit, or sphincter disturbances), ~~or in patients who are unresponsive to a reasonable trial of >3 months of conservative~~ ~~treatments~~ ~~surgery may be necessary~~. ~~At the present time~~ ~~Currently~~, 70%–80% of ~~the~~ surgically treated patients ~~have a report~~ satisfactory outcomes, but ~~due to~~ ~~because of the~~ continuing degeneration ~~ve process~~, the ~~results outcomes get worse~~ ~~worsen~~ over time.

~~Common~~ ~~Poor-poor~~ prognostic factors ~~commonly quoted for the surgically treated~~ patients ~~with surgical treatment~~, include age > 65 years, ~~symptom~~ chronicity ~~of symptoms~~ > 24 months, instrumentation > 4 levels, inability to restore sagittal balance, comorbidities > 4, ~~more~~ preoperative back pain ~~more~~ than leg pain, posterolateral ~~versus 360°~~ fusion ~~versus 360 degrees~~, intermittent claudication ~~after walking for~~ more than several hundred meters, previous surgery, and ~~inability to fuse~~. ~~A range of~~ ~~Many~~ surgical techniques, ~~including~~ ~~indirect reduction, decompression, decompression plus lumbar fusion with or without~~ ~~instrumentation, and decompression and slip reduction plus instrumented fusion,~~ ~~has have~~

**Comment [Editor1]:** In this context, “cases” was revised to “patients” as cases cannot have symptoms, but patients can.

**Comment [Editor2]:** In academic writing, text should be presented in a concise manner wherever possible to aid readability.

been used ~~for surgical treatment of~~for treating LDS. ~~These include indirect reduction alone, decompression alone, decompression plus lumbar fusion with or without instrumentation, decompression and slip reduction plus instrumented fusion.~~ ~~In this study, we aimed~~We aimed to evaluate the surgical outcomes of patients with ~~degenerative spondylolisthesis~~LDS ~~with~~ following neural decompression, pedicular screw fixation, and posterolateral fusion.

**Comment [Editor3]:** Two sentences have been combined and text has been re-arranged here so that the examples of surgical techniques are provided immediately after the mention of the term.

**Comment [Editor4]:** Abbreviations are usually spelt out once at their first mention in the text, and the abbreviated form is used consistently thereafter. As LDS has already been defined above as "lumbar degenerative spondylolisthesis," only the abbreviation has been used at this instance.

SAMPLE