

# Review of: "Radiological parameters after LLIF for adjacent-level disease treatment"

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**Potential competing interests:** No potential competing interests to declare.

Authors present a study on 37 patients who underwent lateral lumbar interbody fusion for adjacent segment disease and provide analysis of spinopelvic parameters, which have shown gain of lumbar lordosis and correction and segmental lordosis gain. I suggest to thoroughly revise the manuscript - please include Table with all 37 patients and specify which surgery did the patients have previously which led to ASD; furthermore, I suggest to include at least 3 illustrative cases with preoperative and postoperative imaging; specify the surgical technique; correct tables and figures to english (now in Brazilian Portugese), include the symptoms of the ASD (preferably in the Table with each patient plus neurological deficits), add complications of the procedure (how many patients did have hip flexion paresis on the side of the approach), include data on increase of the disc height. In ASD - did these patients received only XLIF cage (also include what was the size of these cages and the angles) or were they also stabilized in the ASD segment with extension of the fusion construct; how many patients did have osteoporosis, did you have any instrumentation failure and cage dislocation. For Discussion please discuss alternative procedures for ASD treatment and the role of standalone XLIF.