

# MIS

## 1. Experience in 150 Cases with the TranS1 Minimally Invasive Fusion Technique at L5-S1

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**Objectives:** The TranS1 technique (axial LIF) of access to the L5-S1 interspace is a new and unique approach for surgical treatment of degenerative disc disease at the L5-S1 level. Access is through a small incision (<20mm) at the tip of the coccyx. A cannula is passed through the pre-sacral fat pad in the midline. This space is void of neural and major vascular elements. A 10 mm channel is created through an entry point in the anterior sacrum at the S1-S2 level to gain entry into the central portion of the disc space. The annulus is not violated and its integrity is preserved in this approach.