

Complex Multi-Level DDD with the OneLIF™ Interbody Device

Surgeons perform multi-level ALIF approach to restore sagittal alignment with approach-accommodating screw trajectories.

David Campbell, MD

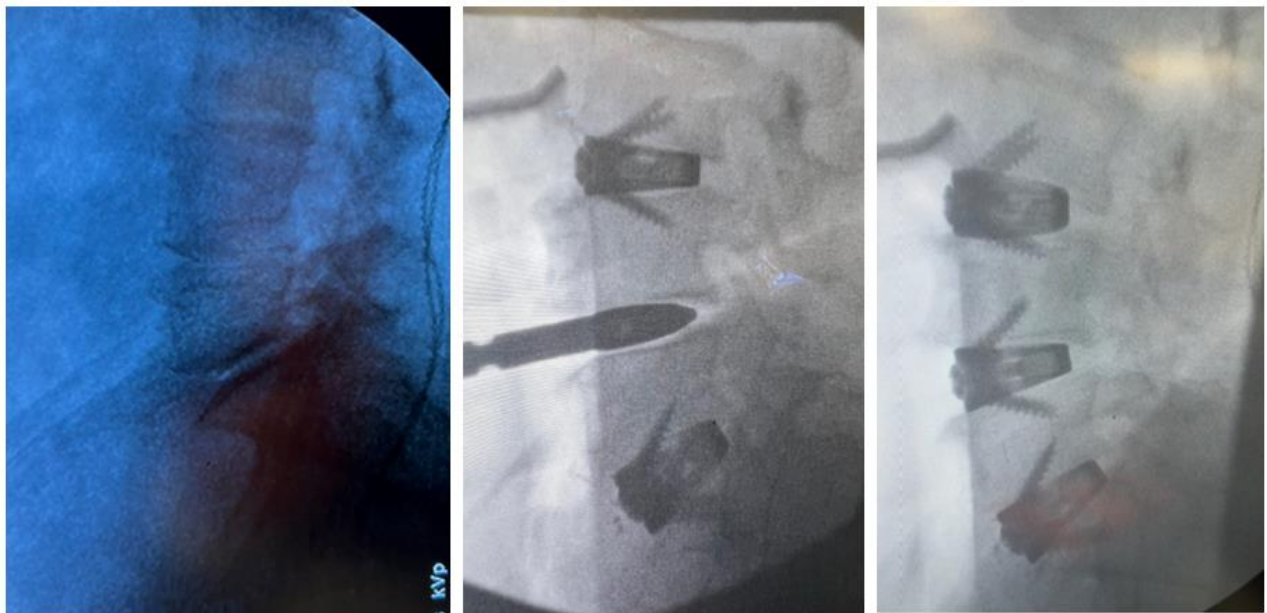
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A 66 year-old female presented with degenerative disc disease and kyphosis ('flat back') with steep pelvic tilt.

Procedure

The surgeons performed a midline incision using an ALIF approach to L3 – S1. High lordotic cages were used to address sagittal alignment and balance. Posterior fixation was performed following implantation of the OneLIF™ devices.



Implants Used

3-4 = Med. Cage - 13° x 12mm Anterior Height (all Bone Screws placed in anterior screw holes)

4-5 = Med. Cage - 19° x 14mm Anterior Height (all Bone Screws placed in anterior screw holes)

* Note: images obtained prior to the placement of posterior stabilization. See OneLIF Interbody Fusion Device Indications for Use Statement for the necessary criteria for stand alone use.

5-1 = Med. Cage - 19° x 14mm Anterior Height (all Bone Screws placed in anterior screw holes)

Discussion

The OneLIF cage's approach-accommodating screw trajectories allowed implantation of all four bone screws with minimal impingement of adjacent anatomy. Less retractor repositioning may result in reduced risk of vascular injury.



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