Static vs. Expandable MIS TLIF

CLINICAL STUDY SUMMARY

Clinical Data Now Available!

Minimally Invasive Transforaminal Lumbar Interbody Fusion with Expandable Versus Static Interbody Devices: Radiographic Assessment of Sagittal, Segmental and Pelvic Parameters

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ALTERA®
Articulating Expandable TLIF Device

OBJECTIVE

To evaluate clinical and radiographic outcomes of patients treated with static and expandable interbody fusion devices.

METHOD

A retrospective review of MIS TLIF in 44 patients (48 interbody spacers). Radiographic measurements were taken from preoperative and postoperative lateral radiographs, and included disc height, foraminal height, fused disc angle, lumbar lordosis, pelvic incidence, sacral slope, and pelvic tilt.

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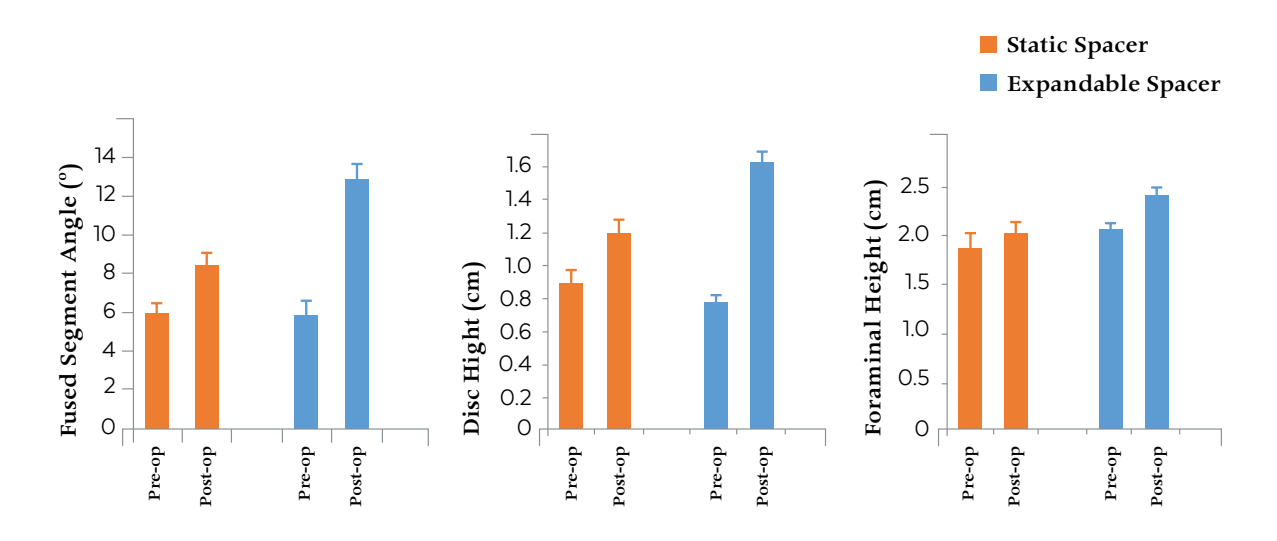
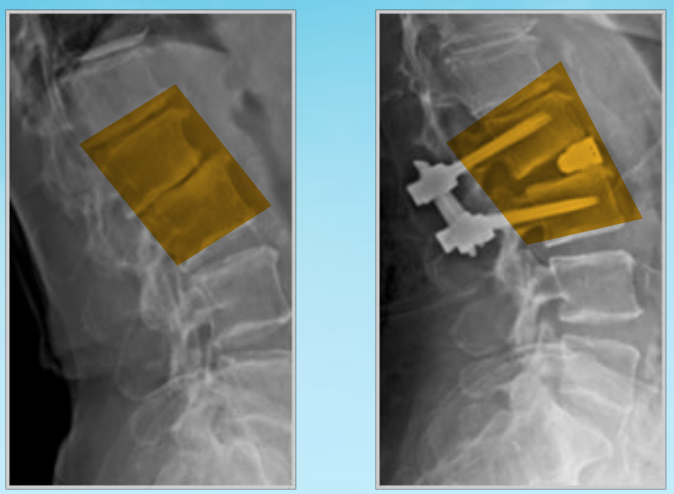
CLINICAL IMPROVEMENTS WITH EXPANDABLE INTERBODY DEVICES



RADIOGRAPHIC RESTORATION OF DISC HEIGHT AND LORDOSIS



CONCLUSION

MIS TLIF with ALTERA® led to increased disc height, foraminal height, and index level segmental lordosis versus MIS TLIF with a static cage, especially in patients with a collapsed disc space.

Contact your local Globus Medical representative for the full article.

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