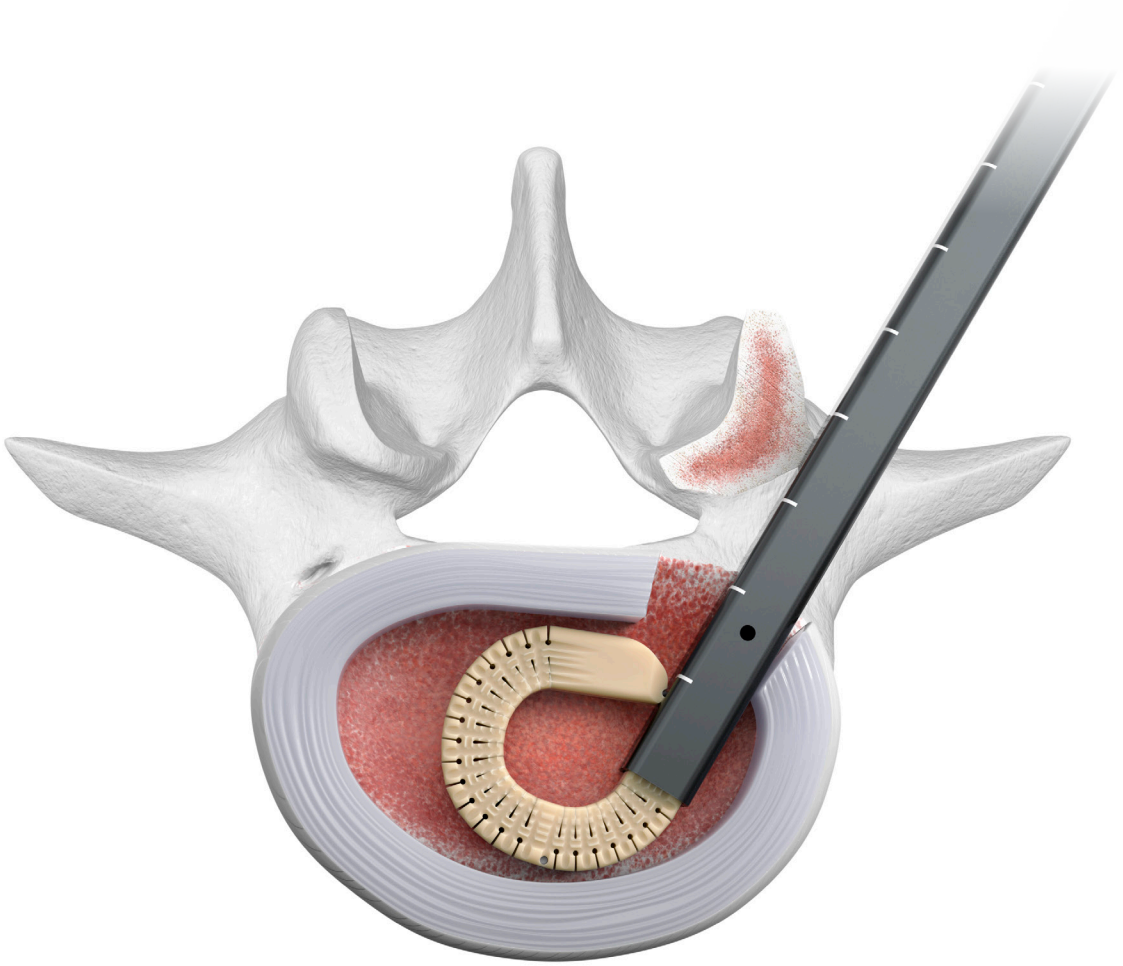
Luna® XD

MIS Expandable Interbody Device

An **MIS Ultra®** Solution



The Posterior ALIF Solution.

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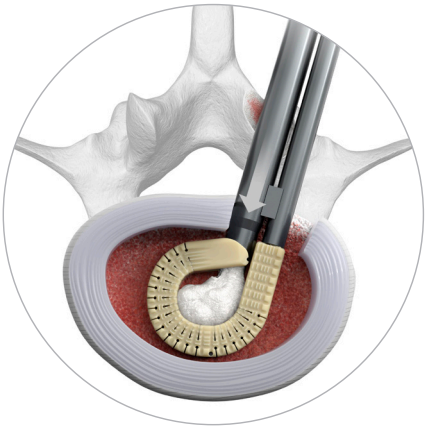
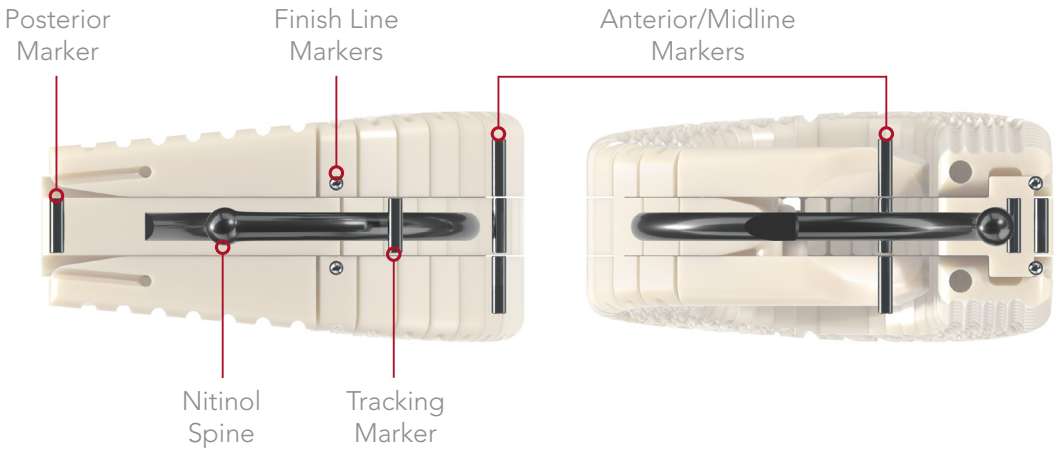
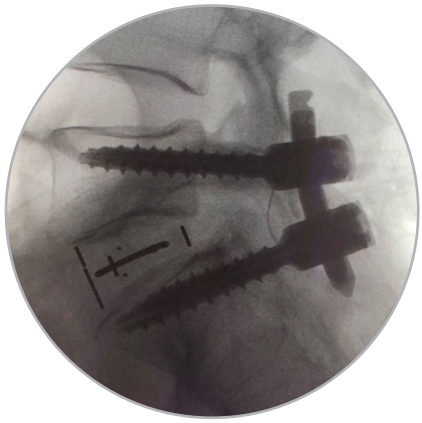
The Posterior ALIF



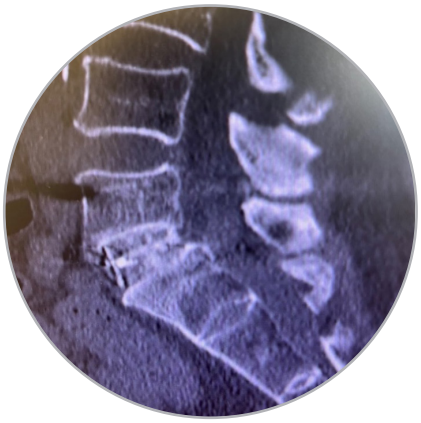
- Minimal access, maximum footprint from a posterior approach
- Minimal nerve root retraction with non-impact delivery
- Multi-dimensional interbody options to restore lordosis[1,2]
- Large graft window assists with fusion success
- Clinically-proven to resist long-term subsidence[1,2]



Pre-Op MRI



Post-Op Flouro



1 Year CT

Radiographic images courtesy of Sandeep Kunwar, MD, FACS.

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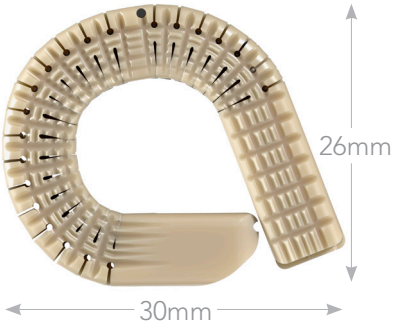
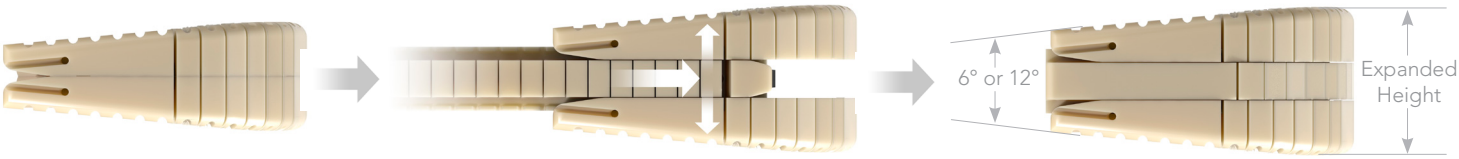
Procedural Simplicity

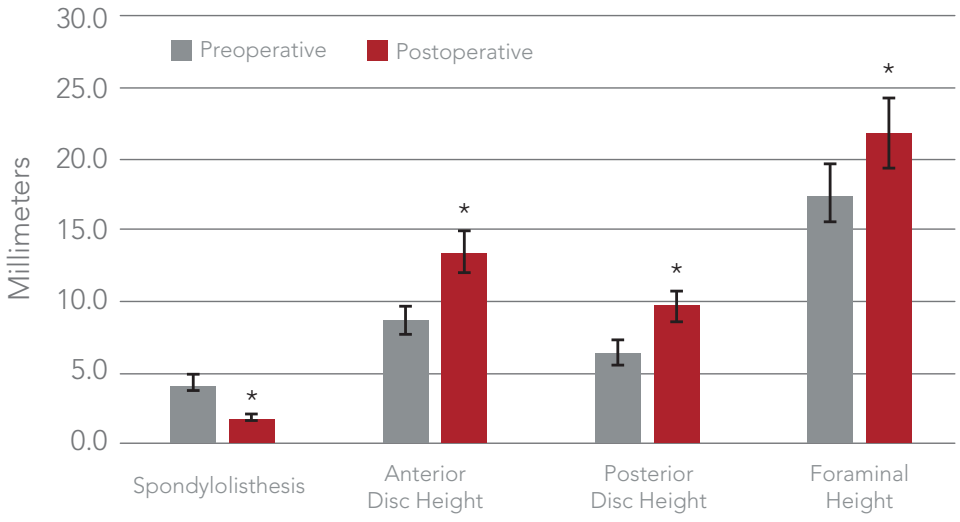
- Inserter delivers Luna XD through 7mm insertion height
- Easy-to-use, tantalum markers help assist with proper placement
- Guided graft delivery for maximum packing capability
- Post-expansion bone grafting





Proven Clinical Results

- Statistically significant restoration of disc height and neuroforaminal height[1]
- Biomechanical data shows that segmental motion was equivalent to ALIF cages[3]
- Fusion rates from two different studies show 93.3% at 1 yr and 98% at 2 yrs[1,2]
- Over 3,500 single and multi-level procedures performed to-date



Radiographic outcomes at 1 year. Anterior and posterior disc height, neuroforaminal height, and spondylolisthesis. *Asterisks* denote statistical significance ($p < 0.05$).

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Luna XD Sizing				
Catalog #	Lordosis	Cannula Height x Width	Initial Height Posterior/Anterior	Expanded Height Posterior/Anterior
LUN20006-10	6°	8mm x 7mm	5 / 7mm	8 / 10mm
LUN20006-12	6°	10mm x 7mm	7 / 9mm	10 / 12mm
LUN20006-14	6°	12mm x 7mm	9 / 11mm	12 / 14mm
LUN20012-12	12°	10mm x 7mm	5 / 9mm	8 / 12mm
LUN20012-14	12°	10mm x 7mm	5 / 9mm	10 / 14mm
LUN20012-16	12°	12mm x 7mm	7 / 11mm	12 / 16mm

1. Woodward, J., Malone, H., Witiw, C. D., Kolcun, J. P. G., Koro, L., Keegan, K. C., Ahmad, S., Kerolus, M. G., David, B. T., Fessler, R. D., & Fessler, R. G.(2021). Transforaminal lumbar interbody fusion using a novel minimally invasive expandable interbody cage: patient-reported outcomes and radiographic parameters, Journal of Neurosurgery: Spine (published online ahead of print 2021). Retrieved Jun 21, 2021, from https://doi.org/10.3171/2020.11.SPINE201139
2. Kucharzyk DW, Miller LE. Two-year Clinical and Radiographic Results with a Multidimensional, Expandable Interbody Implant in Minimally Invasive Lumbar Spine Surgery. Cureus. 2020 Feb 21;12(2):e7070. doi: 10.7759/cureus.7070. PMID: 32226671; PMCID: PMC7089633.
3. Mica MC, Voronov LI, Carandang G, Havey RM, Wojewnik B, Patwardhan AG. Biomechanics of an Expandable Lumbar Interbody Fusion Cage Deployed Through Transforaminal Approach. Int J Spine Surg. 2018 Aug 31;12(4):520-527. doi: 10.14444/5063. PMID: 30276113; PMCID: PMC6159759.

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v: 877.spinal5 | v: 877.774.6255 | f: 760.607.0125 | www.SpinalElements.com | info@spinalelements.com | 3115 Melrose Drive, Suite 200, Carlsbad, CA 92010