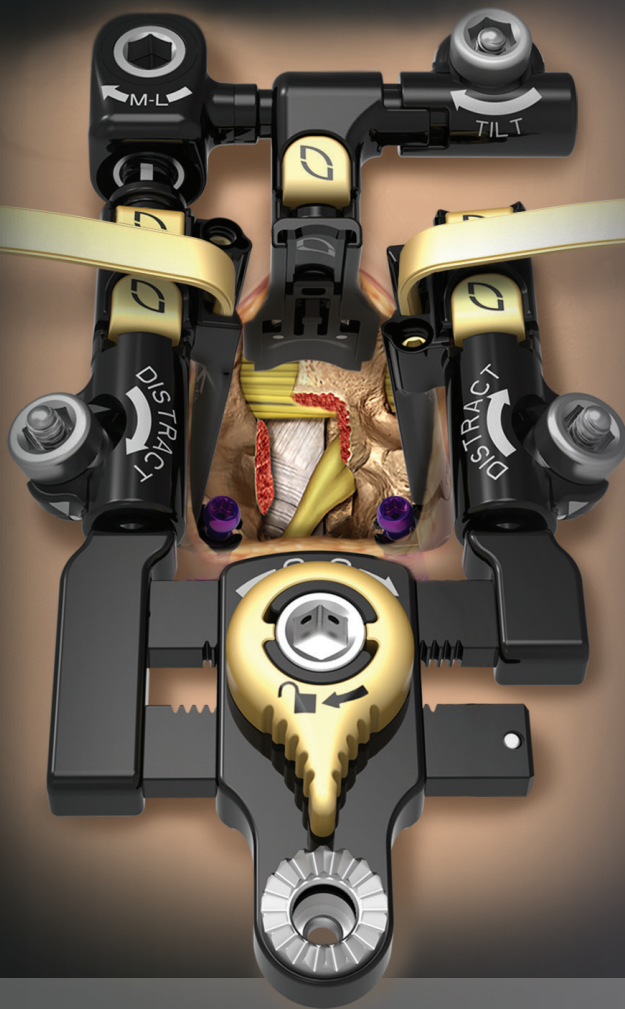


MAS TLIF₂

Minimally Disruptive Pedicle-Based TLIF



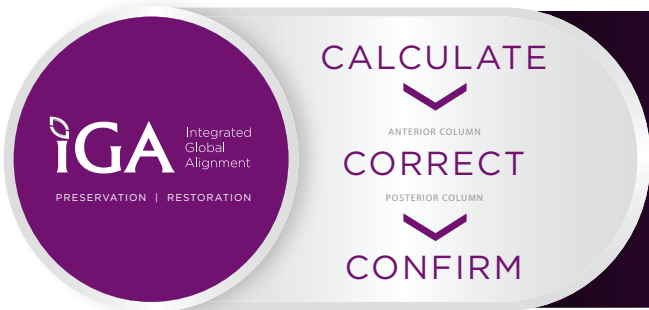
Pedicle-Based, Simplified Assembly,
Customizable Access

PT

PI

LL

Integrated Global Alignment



Integrated Global Alignment (iGA) is a platform comprised of procedurally based technologies, designed to enhance clinical and economic outcomes by increasing the predictability of achieving global alignment in all spinal procedures. Integration across the surgical workflow allows the surgeon to confidently and reproducibly:

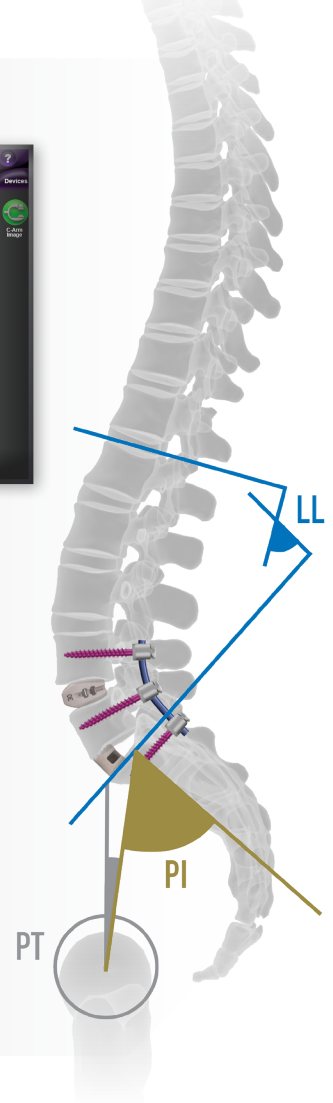
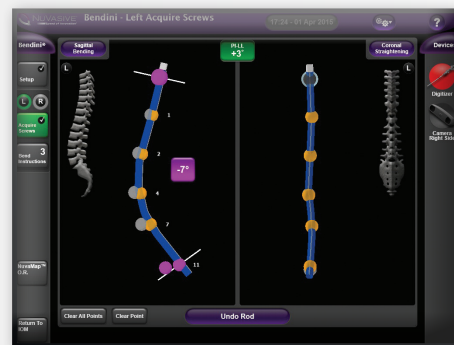
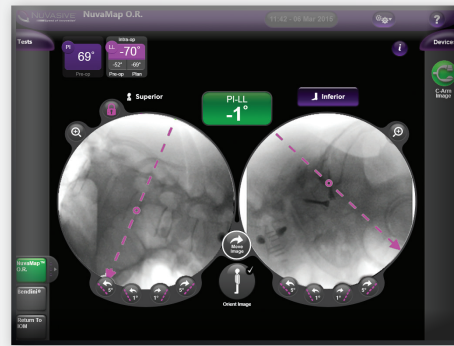
- **Calculate** alignment parameters with preoperative planning tools.
- **Correct** the anterior and posterior column with comprehensive procedural solutions from NuVasive with the industry's only real-time intraoperative assessment.
- **Confirm** the restoration and preservation of global alignment postoperatively.

WHY ALIGNMENT MATTERS.

Current and emerging data illustrate a direct correlation between spinal alignment and long-term clinical outcomes.¹ Specific spinopelvic parameters, including the proportionality of pelvic incidence (PI) and lumbar lordosis (LL), are key predictors in determining successful patient outcomes in all spinal procedures from single- to multi-level pathologies. NuVasive is committed to a global approach for assessing, preserving, and restoring spinal alignment in an effort to promote surgical efficiencies, lasting patient outcomes, and improved quality of life.

Alignment Matters.

¹Terran J, Schwab F, Shaffrey CI, et al. The SRS-Schwab adult spinal deformity classification: assessment and clinical correlations based on a prospective operative and nonoperative cohort. *Neurosurg* 2013;73(4):559-68.



MAS TLIF 2 is the next generation minimally disruptive, pedicle-based TLIF retractor. It is an integrated procedural alignment solution designed for maximum visibility, functionality, and unimpeded access to known clinical and anatomical landmarks.



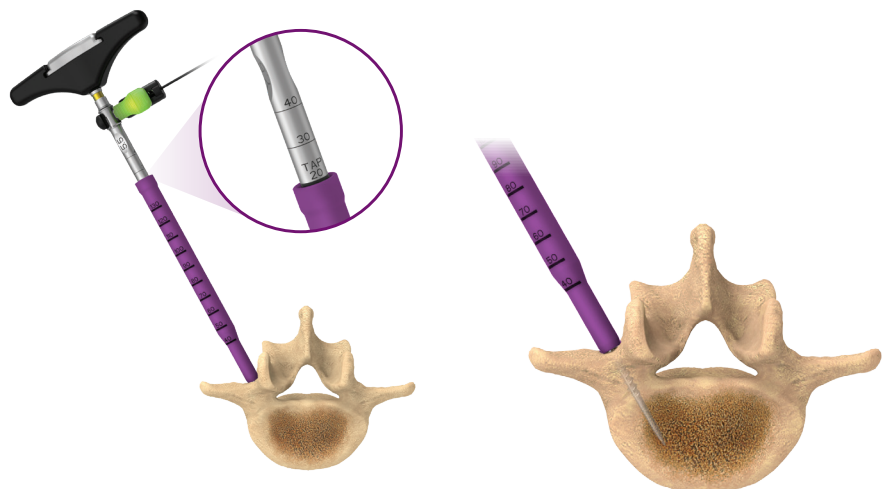
INTEGRATED iGA AND NEUROMONITORING TECHNOLOGIES

- Comprehensive neuromonitoring
- Intraoperative alignment assessment
- Computer-assisted rod bending



CONSOL – CONSOLIDATED PEDICLE ACCESS SYSTEM

- Streamlines the pedicle-targeting procedure, removing steps and improving workflow
- Combines targeting needle, bone awl, and tap into one instrument
- NVM5 compatible



PEDICLE-BASED

- Reproducibly identifies anatomy
- Optional screw distraction
- Uncompromised strength and rigidity

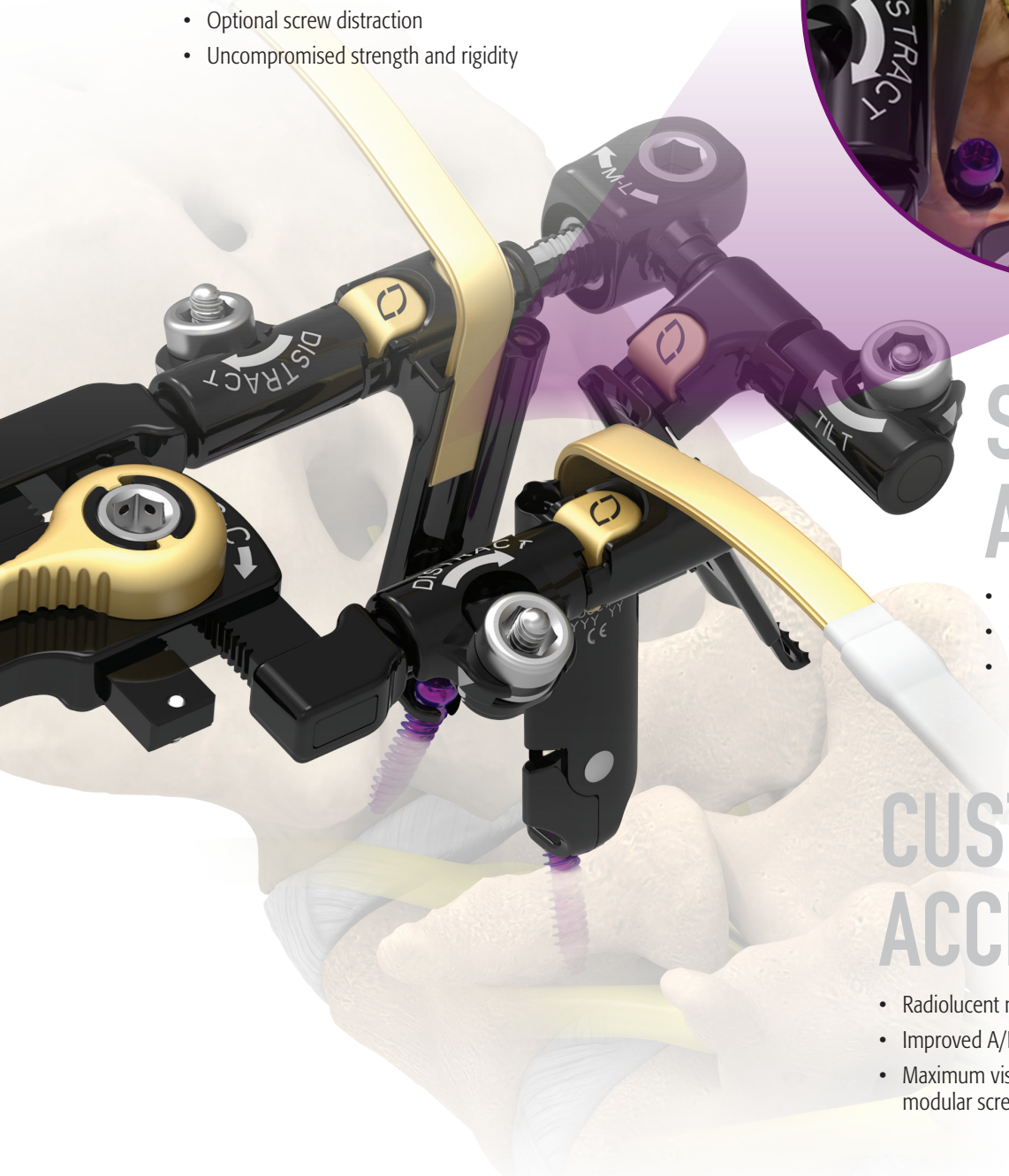


SIMPLIFIED ASSEMBLY

- Quick-connect blade and retractor connection
- Simple and secure blade-to-shank attachment
- Efficient, reproducible step-by-step technique

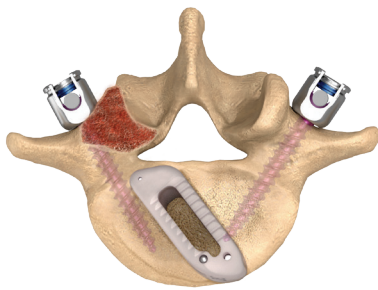
CUSTOMIZABLE ACCESS

- Radiolucent medial blade with 40° of tilt
- Improved A/P fluoro visibility
- Maximum visualization and access to anatomy via modular screw construct



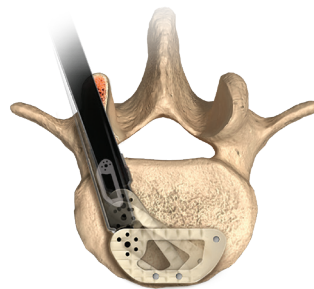
ADVANCED INTERBODY AND GRAFT DELIVERY SOLUTIONS

Oblique TLIF



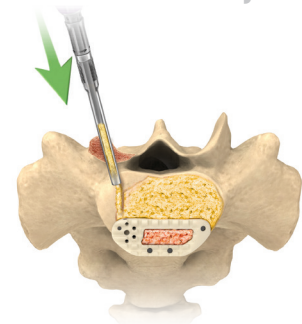
- Lordosis built into the oblique plane to help address proper sagittal alignment
- Apophyseal ring coverage from a TLIF approach
- Impact or Insert and Rotate
- 4° & 12° of lordosis

Anterior TLIF



- Zero profile inserter
- Advanced implant geometry
- Restoration of sagittal alignment
- Titanium or PEEK

Graft Delivery



- MAS Graft Delivery system offers accurate and predictable delivery of graft material into the disc space
- Up to 10cc of graft material delivered per pass
- Graft delivery up to 2.5x quicker than traditional funnel delivery systems²

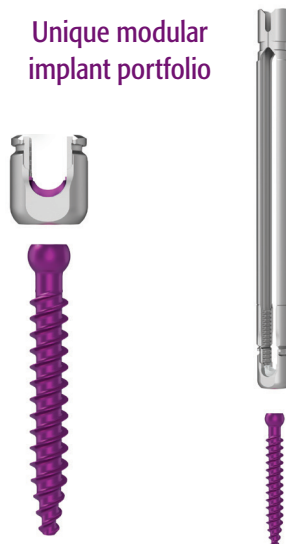
RELINE MAS MODULAR

ReLine MAS Modular is a progression in unique modular implant offerings, allowing the surgeon to customize construct strength profiles while improving visualization and access to anatomy, consistently providing simple, verified, and confident implant assemblies.

Strong, secure pedicle screw attachment



Unique modular implant portfolio



Simple, verified, confident assembly



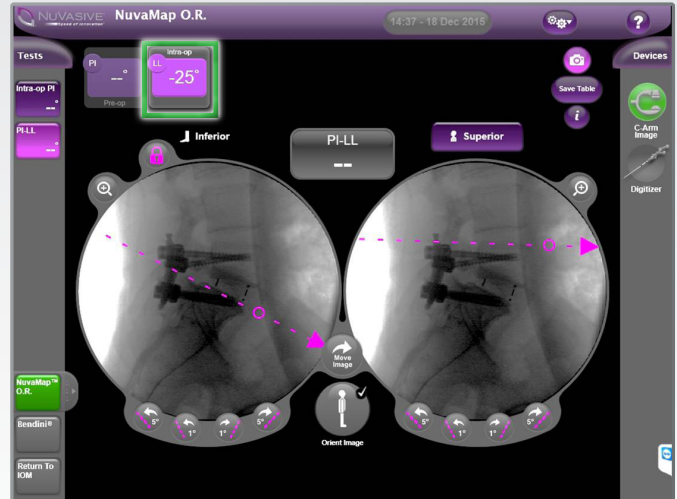
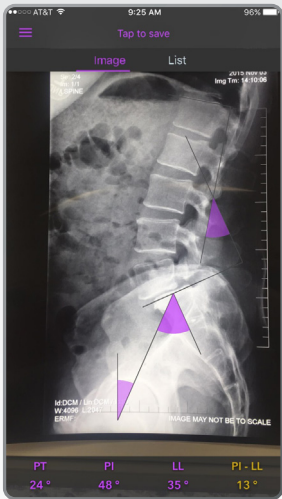
²Data on file: TR96002762

CASE PRESENTATION



CALCULATE
 ✓
 CORRECT
 ✓
 CONFIRM

- Posterior column release
- Anterior height restoration
- Lordosis-creating compression



Preoperative: Segmental Lordosis	Postoperative: Segmental Lordosis	Difference
LL = 10°	LL = 25°	15° Change

"The newer hyperlordotic cages are remarkably helpful with sagittal balance. When the cages are combined with Reline and MAS TLIF compression techniques, we are often adding 6° to 8° of lordosis per level."

- Ronjon Paul, M.D., Chicago, IL



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