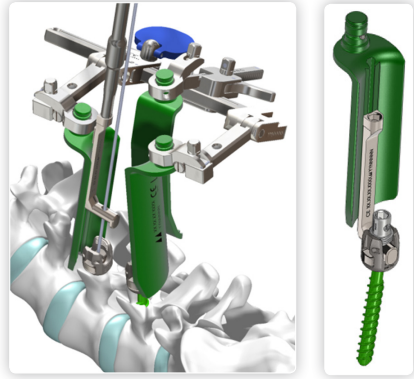


ROBUST CONNECTION



A dedicated blade-to-screw connector gives the polyaxial screw monoaxial function, allowing for **direct and effective distraction of the vertebral bodies.**

Optimal application for minimally invasive PLIF Insertion and Wiltse TLIF approach with **TiPEEK** interbody fusion technology.

ENHANCED BONE CONTACT IN MIS SURGERIES

Optimal application for minimally invasive PLIF Insertion and Wiltse TLIF approach with **TiPEEK** interbody fusion technology.

High fusion rate, low subsidence
for accelerated fusion^[1]
& fast bone remodelling^[4]

Disc height preservation
for a substantial restoration
of interbody height and lordosis^[1]

Improved stability
With an effective rough surface

Easy and clear fusion assessment
TiPEEK cages are compatible with
diagnostic bio-imaging techniques



REFERENCES

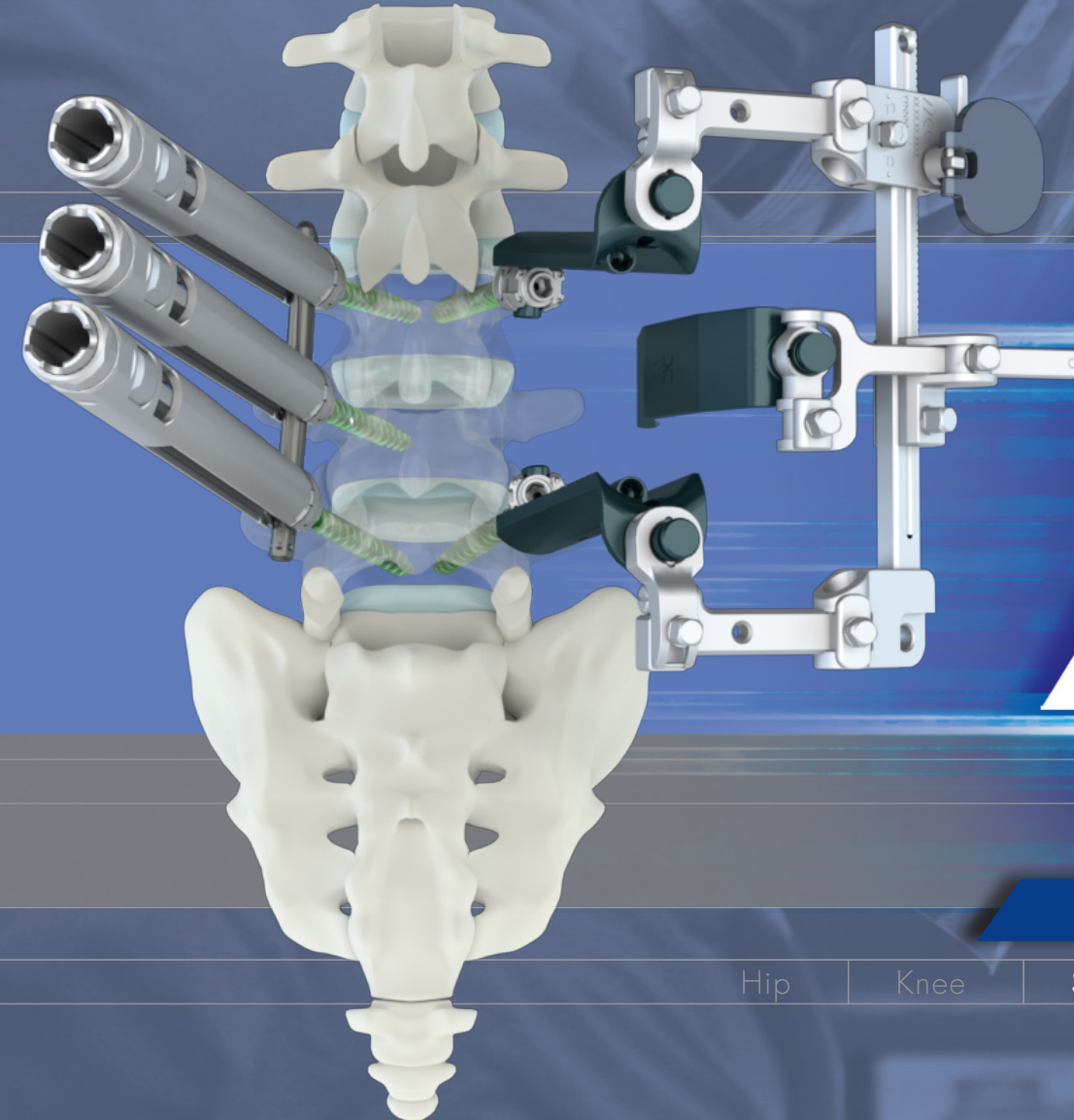
[1] S. Chusheng et al. Five-Year Outcomes of Minimally Invasive Versus Open Transforaminal Lumbar Interbody Fusion: A Matched-Pair Comparison Study. *Spine*, 38(23):2049-2055, November 01, 2013.
[2] Lee KH et al. Clinical and radiological outcomes of open versus minimally invasive transforaminal lumbar interbody fusion. *Eur Spine J*, 2012 Nov;21(11):2265-70. [3] McGirt et al. *J Neurosurg Spine*, 2011 Jun;14(6):771-8 Comparative analysis of perioperative surgical site infection after minimally invasive versus open posterior/transforaminal lumbar interbody fusion: analysis of hospital billing and discharge data from 5170 patients. [3] M. Rickert et al. Transforaminal lumbar interbody fusion in PEEK oblique cages with and without titanium coating: results from a randomized clinical trial [4] B. Walsh et al. Titanium coated interbody devices

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M.U.S.T. MIS SYSTEM

MINIMALLY INVASIVE SOLUTIONS

M.I.S. MAKE IT SMART IN ONE SYSTEM



Brochure

Hip

Knee

Spine

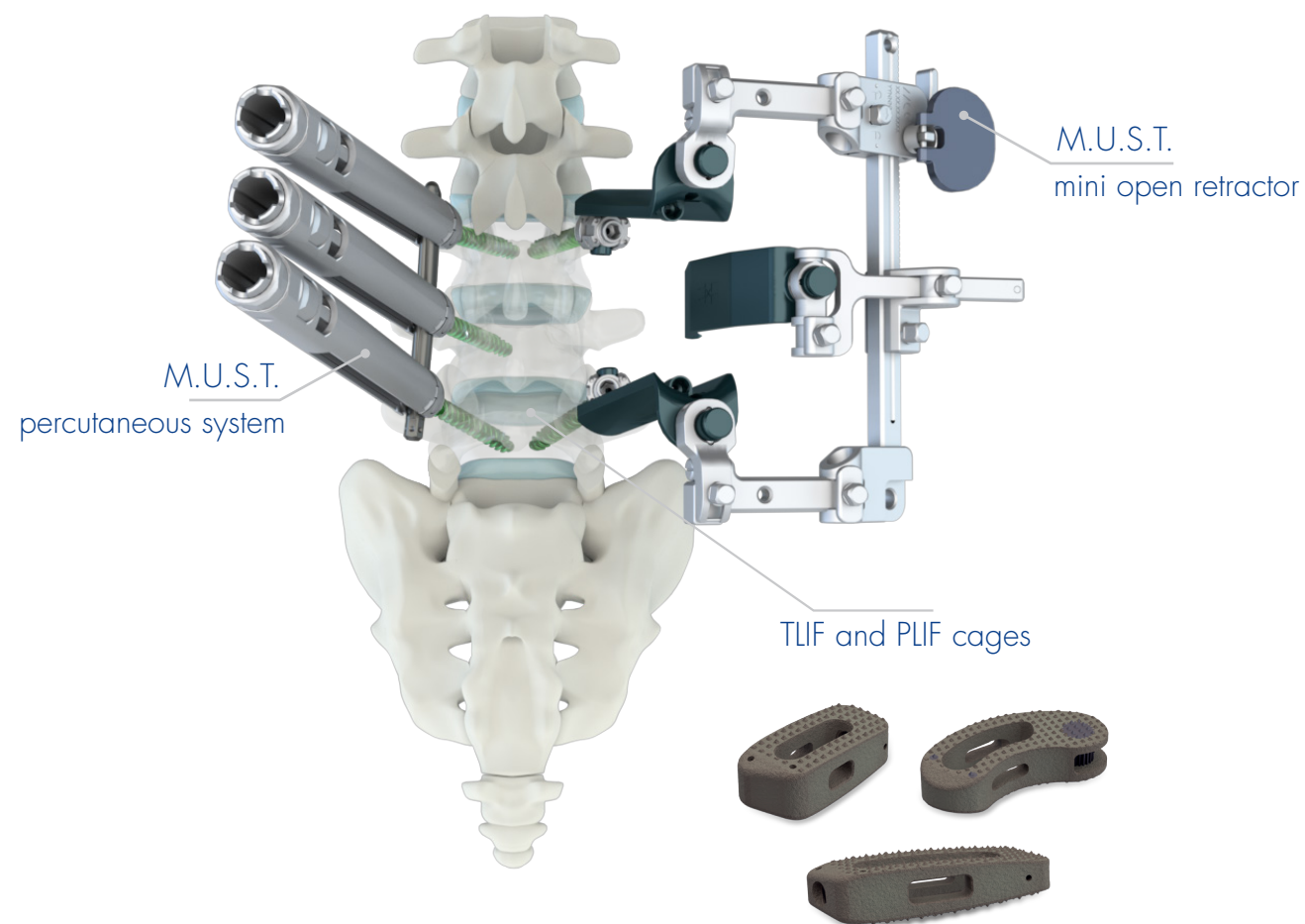
Navigation

M.I.S. MAKE IT SMART IN ONE SYSTEM

U.S.T. MIS SYSTEM

The **MUST MIS System** represents an effective and harmonic concept in terms of minimally invasive solutions. The MIS system is composed of:

- an innovative mini open retractor
- a percutaneous system
- TLIF and PLIF cages with dedicated MIS Instruments



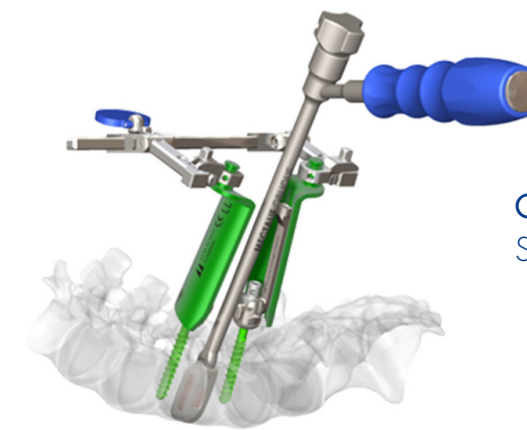
A small incision, a gentle interface with soft tissues and an atraumatic technique may offer **valuable benefits to the patient:**

- Small incisions
- Reduced blood loss ^[1]
- Reduced site infection risks ^[3]
- Potential reduced vascular disruption
- Minimised soft tissue and muscle damages ^[2]
- Reduced post-op analgesic therapy ^[1]
- Minimum scar
- Improved recovery ^[1]
- Rapid hospital discharge ^[2]

U.S.T. MINI OPEN

Specifically designed retractor for:

- decompression
- fusion and fixation
- optimal TLIF and PLIF cage placement with a comprehensive system of **dedicated MIS instruments**

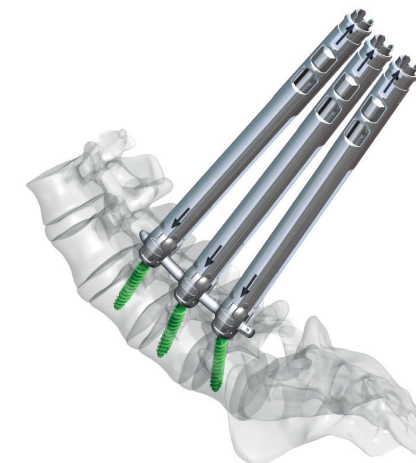


On the patient's side
Small incision, Large visualization

Low profile frame with ergonomic and radiolucent blade design to provide **better** visual exposure with **dedicated light cables** for optimal site illumination.

U.S.T. PERCUTANEOUS

A further step in the development of the well-established MIS approach. The Medacta MIS system relies on a dedicated **MUST screw-based platform** assuring **superior stability**. Slim Percutaneous tubes provide **atraumatic access**.



An **effective** tool
in MIS treatments