

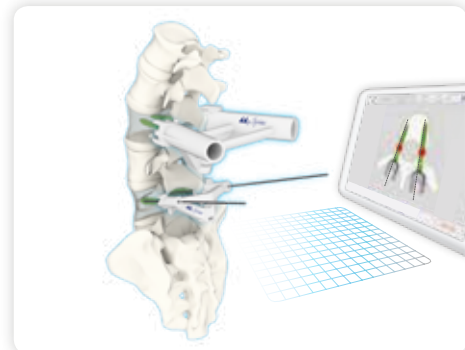
TECHNOLOGIES

 MySpine®

MySpine is a **patient specific** pedicle screw placement guide that, thanks to the 3D **pre-operative planning**, supports the surgeon during the critical steps of pedicle screw placement in order to:

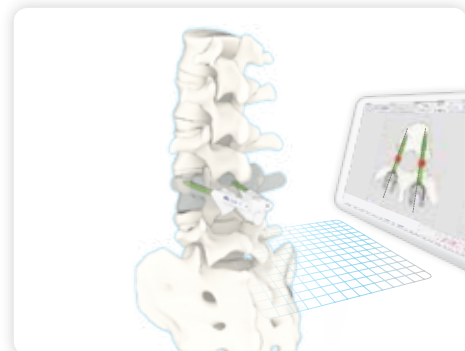
- improve accuracy
- reduce the surgical time
- reduce X-ray radiation to patients and OR Staff

This innovative concept combines several different features to offer potential benefits to both the surgeon and the patient.



 MySpine® MC

MySpine MC is a **3D printed** patient matched solution in the **midline cortical** approach. Posterior lumbar fusion is driven in a **minimally invasive**<sup>[1]</sup>, muscle sparing way, potentially allowing for shorter operating times<sup>[2,3]</sup> and a reduction of both radiation exposure<sup>[2]</sup> and costs<sup>[3]</sup>.



 MectaLIF® TIPEEK

Medacta's TIPEEK cages represent the next generation plasma sprayed Ti-Coated interbody fusion device designed to:

- promote high level fusion rate
- provide a clear diagnostic assessment
- deliver improved stability

**Titanium-coated** PEEK cervical and lumbar cages offer appropriate properties with regards to biocompatibility and biomechanical behavior.



REFERENCES

[1] Matsukawa - 2nd MORE Japan MySpine cortical Bone Trajectory 2017. [2] Farshad et. al. Accuracy of patient-specific template-guided vs. free-hand fluoroscopically controlled pedicle screw placement in the thoracic and lumbar spine: a randomized cadaveric study. Eur Spine J. 2016 [3] Landi et. al. Spinal Neuronavigation and 3D-Printed Tubular Guide for Pedicle Screw Placement: A Really New Tool to Improve Safety and Accuracy of the Surgical Technique? J Spine 2015, 4:5

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SPINE PORTFOLIO

A COMPLETE RANGE OF SOLUTIONS

Brochure

Joint

Spine

Sports Med

**CERVICAL**

**Medacta-C SYSTEM**

A **comprehensive system** of cervical interbody fusion **cages** and anterior **plates** for cases of degenerative disease, trauma, tumours and deformity.

Large range of implant sizes and lordosis to accommodate different patient anatomies.

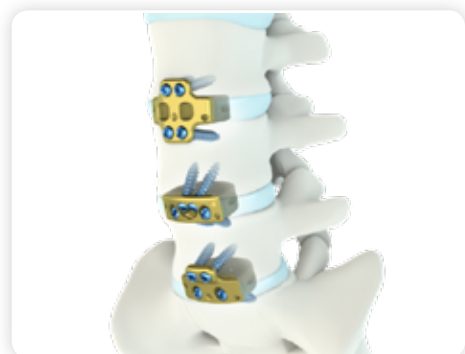


**LUMBAR**

**MedactaLIF ANTERIOR**

**Modular cage and plate design** provides the surgeon with intra-operative freedom of choice.

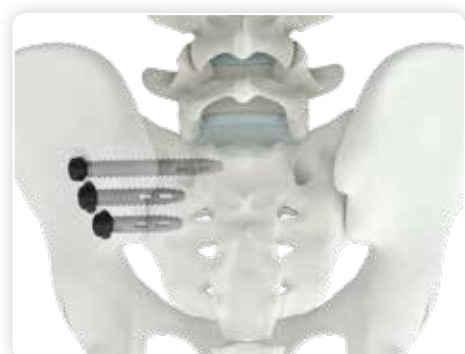
**Multiple configurations** to cover **diverse patient anatomy** and **surgical needs**.



**SACRO-ILIAC**

**M.U.S.T. SACRO ILIAC**

The M.U.S.T. Sacro Iliac System is designed for the **sacroiliac joint fusion** for patients suffering from degenerative sacroiliitis and sacroiliac joint disruptions.



**CERVICAL**



**U.S.T. MINI**

A **simple and flexible** solution for **posterior cervical spine fixation** that allows the surgeon to assemble the desired construct according to the anatomy of the patient.

**THORACOLUMBAR**



**U.S.T.**

**Versatile and comprehensive** pedicle screw system designed to provide **flexibility** to the surgeon.

Harmonious, single-system approach for most spine stabilization applications.



**MedactaLIF SYSTEM**

A **complete system** of cages for solid initial fixation, and long term spine stabilization.

Versatile interbody fusion devices platform with a variety of anatomic shapes to **address your unique patients**.



**U.S.T. MIS SYSTEM**

M.U.S.T. MIS Platform: an **effective and harmonic** concept in terms of minimally invasive solutions.

The **Mini Open Retractor** along with the **M.U.S.T. Percutaneous System** is a comprehensive system that allows the surgeon to perform a specific surgical technique.