

SPINE PORTFOLIO

A COMPLETE RANGE OF SOLUTIONS



Brochure

Joint

Spine

Sports Med

CERVICAL

▲ Mecta-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.



▲ Mecta-C STAND ALONE

The **MODULAR design** incorporates the benefits of an anterior plate and a separate radiolucent titanium coated interbody spacer.

The surgeon has the ability to choose intraoperatively from **four different plate designs** and the option of fixing the construct with **lag** or **locking screws**, according to the patient's individual anatomy.



COMING SOON

LUMBAR

▲ MectaLIF ANTERIOR

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

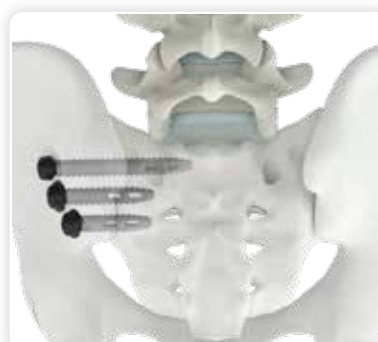
Multiple configurations to cover **different patient anatomy** and **surgical needs**.



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 stabilisation applications.



MedactaLIF SYSTEM

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

Versatile interbody fusion devices platform with various anatomic shaping 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** together with the **Percutaneous System** can assist the surgeon to achieve efficient spine surgery results.

SPINE PORTFOLIO

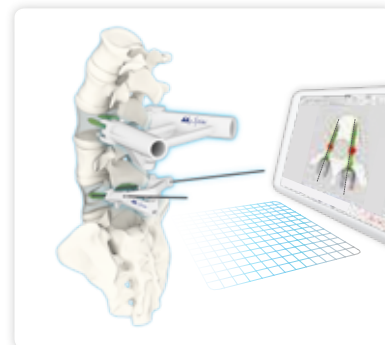
TECHNOLOGIES



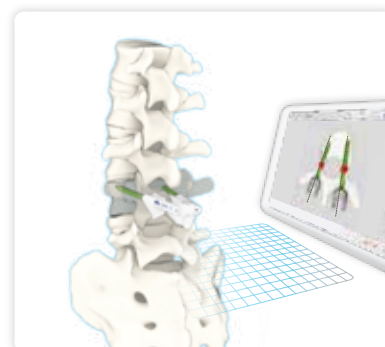
MySpine is a **patient specific** pedicle screw placement guide that, thanks to the 3D **pre-operative planning**, supports the surgeon during the critical steps of pedicle screw placement in order to:

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

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



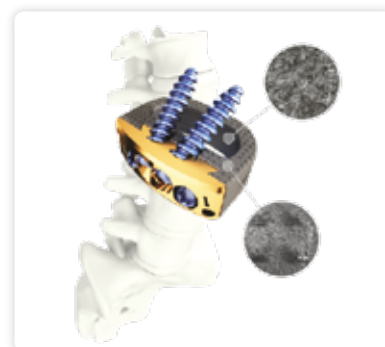
MySpine MC is a **3D printed** patient matched solution in the **midline cortical** approach. Posterior lumbar fusion is driven in a **minimally invasive**^[1], muscle sparing way, potentially allowing for shorter operating times^[2,3] and a reduction of both radiation exposure^[2] and costs^[3].



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

- promote bony on-growth
- provide optimal diagnostic assessment
- deliver improved stability

Titanium coated PEEK cervical and lumbar cages offer **superior properties** with regard to biocompatibility and biomechanical behaviour.



Cement & Biologics

A dedicated **cement system** that can provide pedicle screw augmentation and strong fixation.

Fully synthetic **moldable bone graft** that easily fits into different size and shaping of Medacta' cages. The microporous resorbable granules of calcium phosphate promotes a **faster bone growth**.

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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