SPINE PORTFOLIO

A COMPLETE RANGE OF SOLUTIONS

Brochure

Joint | Spine | Sports Med

Medacta International

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

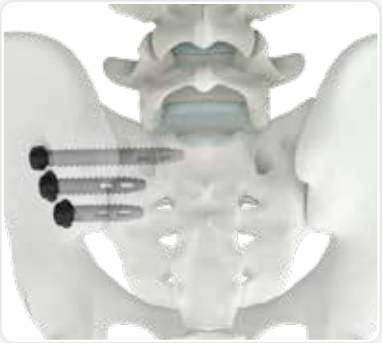
Modular cage and plate design provides the surgeon with intra-operative freedom of choice.

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.



GE OF SOLUTIONS

CERVICAL

M.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

M.U.S.T.

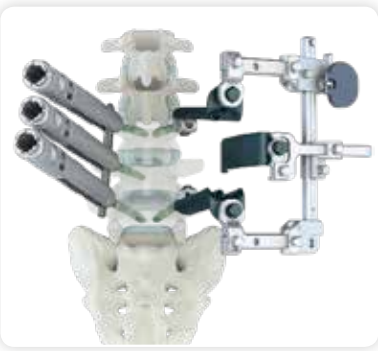
Versatile and **comprehensive** pedicle screw system designed to provide **flexibility** to the surgeon.

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

MectaLIF 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**.



M.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

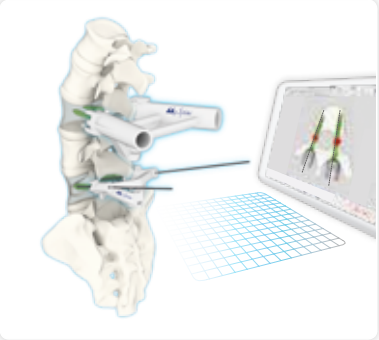
TECHNOLOGIES

MySpine

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:

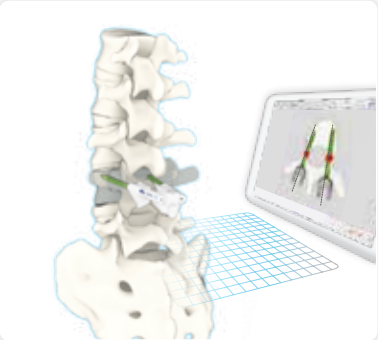
- improve accuracy
- reduce the surgical time
- reduce X-ray radiation to the patient and OR Staff

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



MySpine MC

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].

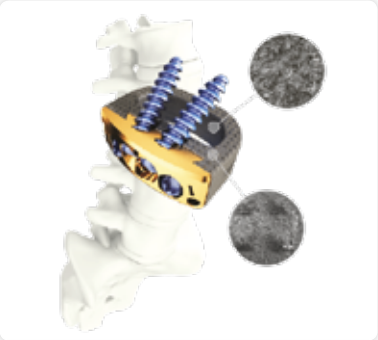


MectaLIF TIPEEK

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 Medacata' 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

swiss made

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