A UNIQUE SYNERGY

MySpine & MectaLIF Anterior, a unique synergy for improved restoration of sagittal balance.

- Proper sagittal and coronal alignment thanks to hyperlordotic cages in combination with posterior correction
- Recovery of the Spino Pelvic harmony
- Circumferential approach in combination with MySpine MC minimally invasive surgery
- Decreased complications than traditional pedicle subtraction osteotomies (PSO)

SAGITTAL BALANCE TREATMENT AT 360°

The addition of the 20° degree hyper-lordotic cages provides surgeons the chance to recover effective alignment between L4 and S1, where 70% of lumbar lordosis is located.

360° surgery may combine anterior fusion with efficient posterior correction.

TIPEEK TECHNOLOGY

The customizable modular anterior stand-alone implants, in conjunction with the suite of MectaLIF TIPEEK plasma-sprayed titanium coated cages, represent an added value to improved stability and enhanced fusion rates.

REFERENCES


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**SAGITTAL BALANCE TREATMENT AT 360°**

**A UNIQUE PLATFORM TO RESTORE SPINO PELVIC HARMONY**

MySpine is a 3D printed patient specific guide that allows accurate pedicle screw placement, whilst reducing the surgical time and intra-operative X-ray radiation.

**Unique anatomies**

**Patient-Matched** solutions

**MYSPINE INDICATIONS**

MySpine Standard and Low Profile guides are suitable for challenging deformities and long constructs. MySpine MC for MIDLINE CORTICAL approach with favorable screw cortical trajectory represents a dedicated solution in MIS surgery with muscle sparing benefits.

**PRE-OPERATIVE PLANNING**

The surgeon determines the pedicle screw parameters: Trajectory, Entry points, Diameter and Length.

**ACCURATE SCREW POSITIONING**

Literature shows that MySpine technology may achieve greater accuracy than traditional freehand approaches and comparable performance to navigation assisted technique\(^1\)\(^2\)\(^3\).

The Medacta MectaLIF Anterior Lumbar Interbody Fusion Device offers an unprecedented MODULAR design that incorporates the benefits of an anterior plate and a radiolucent interbody spacer.

**Modular design**

offers freedom of choice

**MODULAR SYSTEM**

In order to treat specific anatomical requirements and pathologies, the surgeon has the ability to assemble any of the 4 available plates intraoperatively giving the complete freedom of choice!

**Low Profile**

**Standard**

**MIDLINE CORTICAL**

**HYPERLORDOSIS**

Hyperlordotic cages are capable to individually restore up to 20° of lumbar lordosis.

**CAGE LORDOSIS**

\(^5\)\(^10\)\(^15\)° Hyperlordosis