SAGITTAL BALANCE TREATMENT AT 360°

A UNIQUE SYNERGY

MySpine & MectaLIF Anterior, a unique synergy for optimal sagittal imbalance restoration.
- Proper sagittal and coronal alignment thanks to hyperlordotic cages in combination with posterior correction
- Recovery of the Spino Pelvic harmony
- Ideal circumferential approach in combination with MySpine MC Minimally invasive surgery
- Decreased complications than traditional pedicle subtraction osteotomies (PSO)

IDEAL DISTRIBUTION OF LUMBAR LORDOSIS

The addition of the 20° 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.

M.U.S.T. PEDICLE SCREWS COMBINED WITH MECTALIF ANTERIOR

TIPEEK TECHNOLOGY

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

REFERENCES


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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**

Published articles show 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 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 accommodate specific anatomical requirements and specific pathologies to treat, the surgeon has the ability to assemble any of the 5 available plates intraoperatively giving the complete freedom of choice!

**HYPERLORDOSIS**

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

**5° 10° 15°**

Hyperlordosis

**CAGE LORDOSIS**