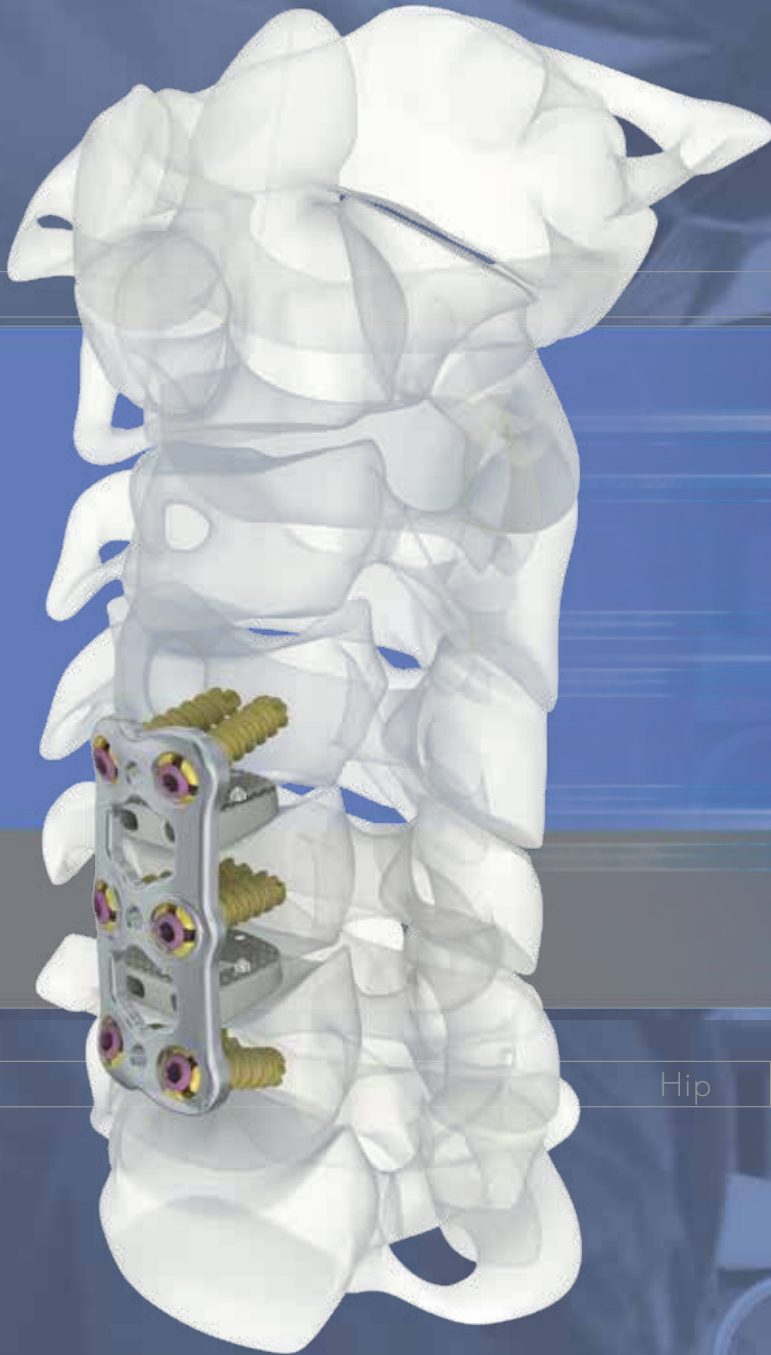


Medacta-C PLATE

CERVICAL FUSION SYSTEM



Brochure

Hip

Knee

Spine

Navigation

UNIQUE PATIENTS - SPECIFIC INDICATIONS - ONE SYSTEM

Medacta Spine has developed a portfolio of spine implants that have been designed to complement one another. The M.U.S.T. Pedicle Screw System, the MectaLIF Family of Interbody Fusion Devices and the Mecta C Plate-Cage system for cervical spine along with our suite of specialized surgical instruments, create a harmonized, single-system approach for most spine stabilization applications. Traditional and MIS surgical approaches are supported.



MECTA-C CERVICAL SYSTEM

The Mecta-C family of Cervical Interbody Fusion Cages and Anterior Plates represent a complete System to fuse and mechanically support the cervical spine in case of degenerative disease, trauma, tumors and deformity.

MECTA-C INTERBODY FUSION CAGES

- Made of PEEK to offer effective load sharing and optimal biocompatibility
- Anatomical design: Flat profile 7° lordosis for last stage of degeneration and Dome profile 5° lordosis for younger patients
- Pyramidal shaped spikes to improve the primary stability and pull-out resistance.
- Large central window to maximize the bone graft volume.



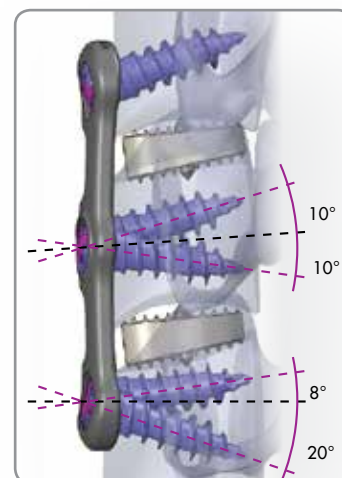
Flat, 7° Lordosis



Dome Shaped, 5° Lordosis

MECTA-C ANTERIOR PLATES

- Pre-lordosed plates to match the natural curvature of the spine and deliver secure fixation and stabilization for one, two, three, and four level constructs
- Low profile plates; Less than 2 mm thickness potentially reduces soft tissue irritation^[1] and post-operative dysphagia^[2]
- Reduced cranio-caudal height to potentially reduce the ossification of adjacent levels^[3]
- Large windows facilitate the graft visualization, allow alignment of the plate to the disc space, and help to assess the bony fusion
- Bone screw options include self-tapping or self-drilling designs with the ability to secure primary (Ø 4 mm) as well as revision surgeries (Ø 4.5 mm)
- Semi-constrained screw features:
All screws are Poly-axial when inserted
Locking screws remain polyaxial until locked with the anti-migration screw, while Semi Rigid Screws stay polyaxial after locking
- 3 – in – 1 Plate constructs:
Option to build Fixed, Variable, and Hybrid constructs allows to match individual load sharing and stability to meet the specific patient needs



REFERENCES

[1] Singh K et al., *Spinal Instrumentation - Surgical Techniques* (ch.32) p.231; [2] Cho SK et al. "Dysphagia following anterior cervical spinal surgery" *Bone Joint J*;195B) 868-73, 2013; [3] Park JB et al. "Development of Adjacent - Level Ossification in Patients with an Anterior Cervical Plate" *JBJS* (87A) 3,2005.

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