

Mecta-C[®] STAND ALONE

ANTERIOR CERVICAL INTERBODY FUSION DEVICE

MODULAR DESIGN OFFERS FREEDOM OF CHOICE



Brochure

Joint

Spine

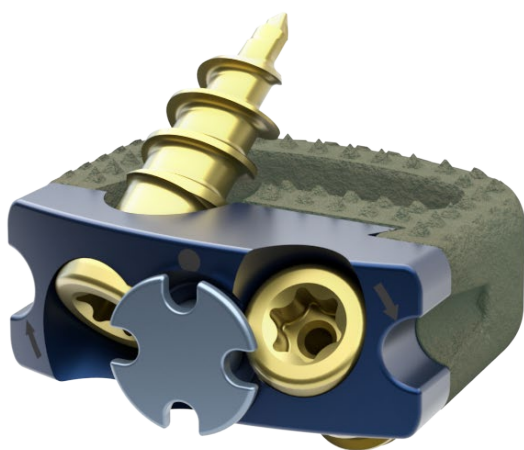
Sports Med

MECTA-C STAND ALONE

Mecta-C Stand Alone is indicated for use in patients suffering from Degenerative Disc Disease at multiple contiguous levels from C2 to T1.

ANGULAR STABILITY

- Divergent & Convergent screws combination
- Increased **pull-out strength**
- Enhanced in-situ primary **stability**



SIMPLICITY

Designed to simplify the surgical steps through an **easy and controlled implantation**.

Four plate configurations and angled instruments to cover different needs and **challenging anatomies**.

BONE GRAFT VOLUME

Wide central bone **graft area** may help to accelerate the occurrence of fusion through the implant.

CLEAR FUSION ASSESSMENT

- Radiolucent TiPEEK cage
- Titanium marker with **limited image artifact**
- Accurate reference for **diagnostic assessment**

TIPEEK TECHNOLOGY

The modular Mecta-C Stand Alone system in conjunction with the TiPEEK bioactive^[1] plasma-sprayed titanium coated cages, provides value to improved stability and enhanced **fusion** rate.

ALONE SOLUTION

VERSATILE SYSTEM

Two different options allow the surgeons to select the one that will best suit their patient's needs.

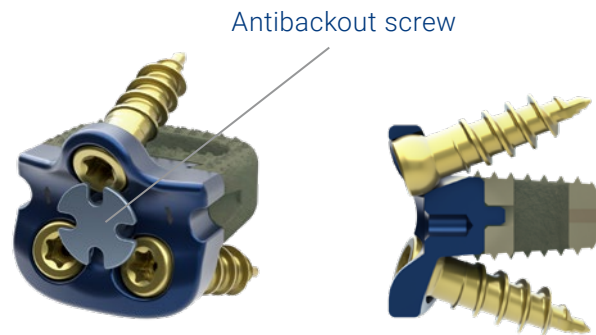


RIGID FIXATION

- **Locking Screw & Threaded Plate** for a secure rigid fixation of the construct
- **One step** screw lock system
- **Intrinsic Antibackout** system

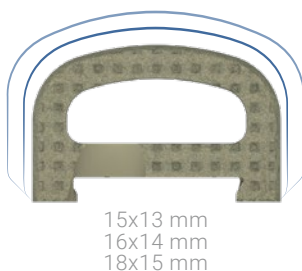
"VARIABLE" FIXATION

- Lag Screw & Unthreaded Plate to allow **micro-motion** and proper load distribution according to the Wolff's law ^[2]
- **Physiological-like support** that may lead to a stable configuration
- Easy insertion of the central **Antibackout screw** to safely fix the Lag screw

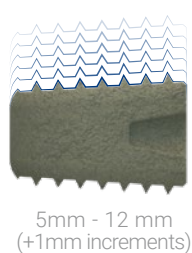


COMPREHENSIVE SYSTEM TO COVER DIFFERENT PATIENTS' NEEDS

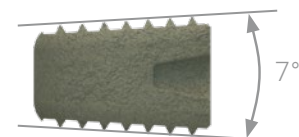
Footprint [WxD]



Height [mm]

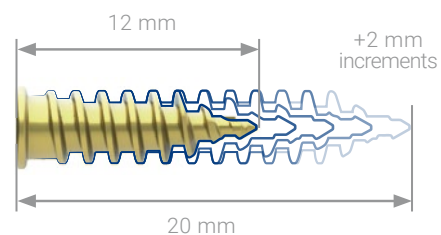
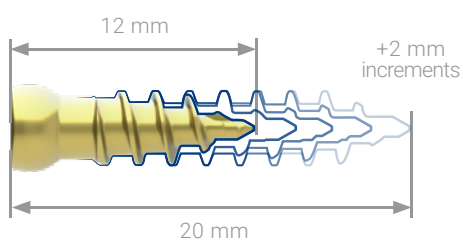


Lordosis



SCREWS

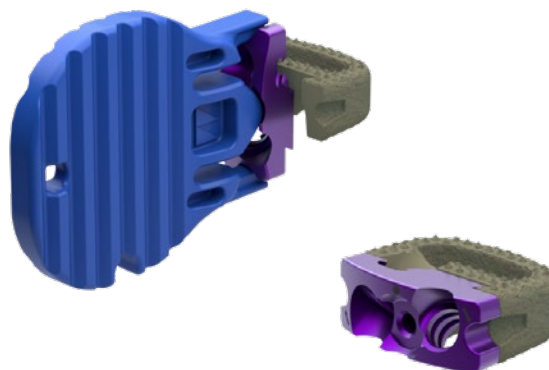
Self-Tapping & Self-Drilling screws are available both for Locking and Lag screws.



MODULAR DESIGN OFFERS FREEDOM OF CHOICE

Universal cage to plate «snap-in» concept allows **1-click** construct **assembly**:

- Easy **intraoperative assembly** through the dedicated instrumentation
- Create an **indication-specific** interbody fusion device
- One cage **fits in four plate configurations**



MULTIPLE CONFIGURATIONS

FLUSH



Zero-Profile construct, minimal impact, reduced irritation

TRIO



High **Stability** minimizing the number of screws

HYBRID



Reduces the risk of impingement with surrounding anatomical structures. Best fit design for C7-T1 or C2-C3.

QUATTRO



Offers improved **Stability and Torsional Resistance**. The convergent/divergent screw trajectory minimize the adjacent level interference in multilevel fixation.

REFERENCES

[1] B. Walsh et al. Effect of titanium coating on PEEK osteoconductivity in an ovine model, 8° M.O.R.E. International Symposium [2] H.M. Frost, Wolff's Law and bone's structural adaptations to mechanical usage: an overview for clinicians, Angled Ortho 1994

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