



Product Teaser

TIGER MEDICAL SUPPLIES JULY 2018



MEDICREA®

The **GRANVIA®-c** marks the *Next Generation* in cervical disc technology.

- ✓ **Advanced physiological motion** – 2 unique, adaptive centers of rotation and translation.
- ✓ **Material innovation** – Zero MRI artifacts, superior wear resistance of high-tech ceramic and integrated shock absorption.
- ✓ **Friendlier implantation** – No keel preparation. The disc is delivered pre-loaded on single-use holder.

GRANVIA®-C

 Features & Benefits

 Basic Technique

 Product Range

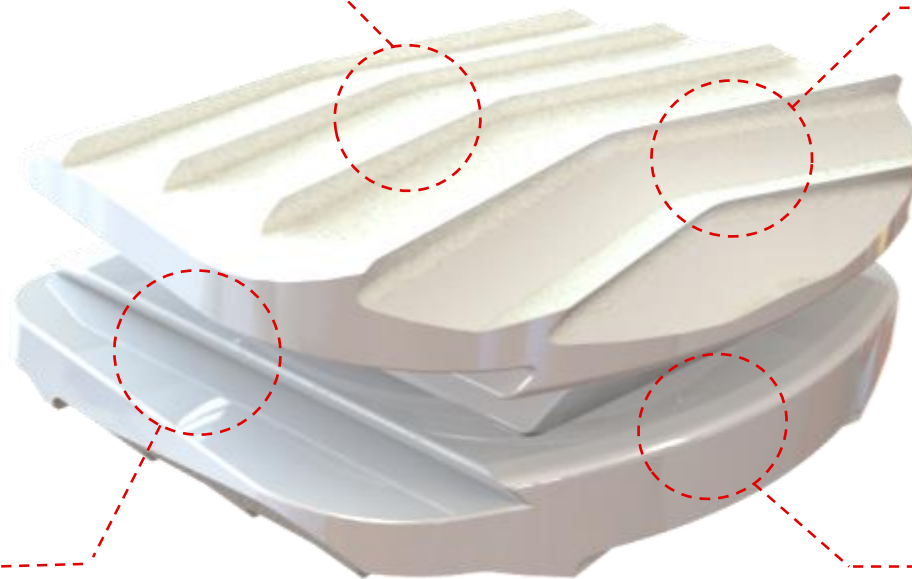


Physiological Motion

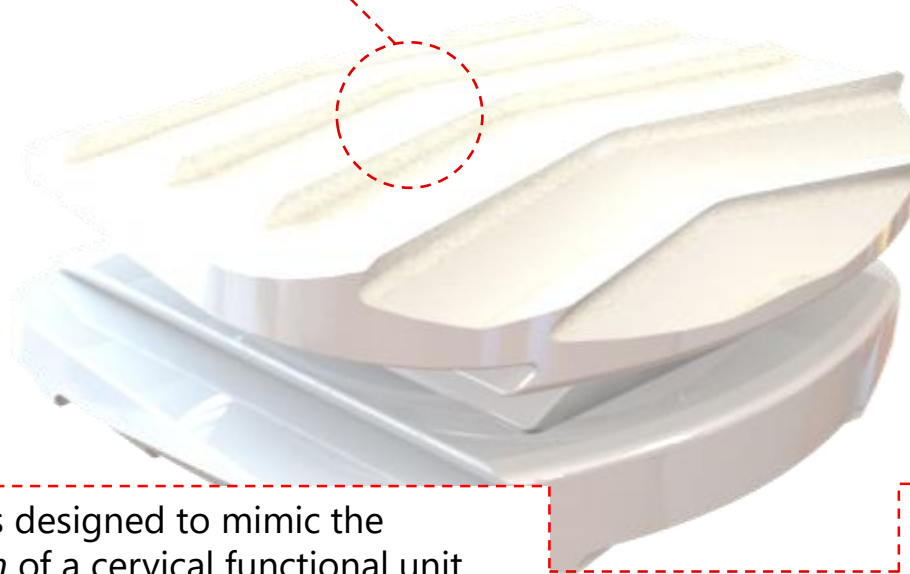
Material
Innovation

User Friendly
Implantation

Imaging Compatibility

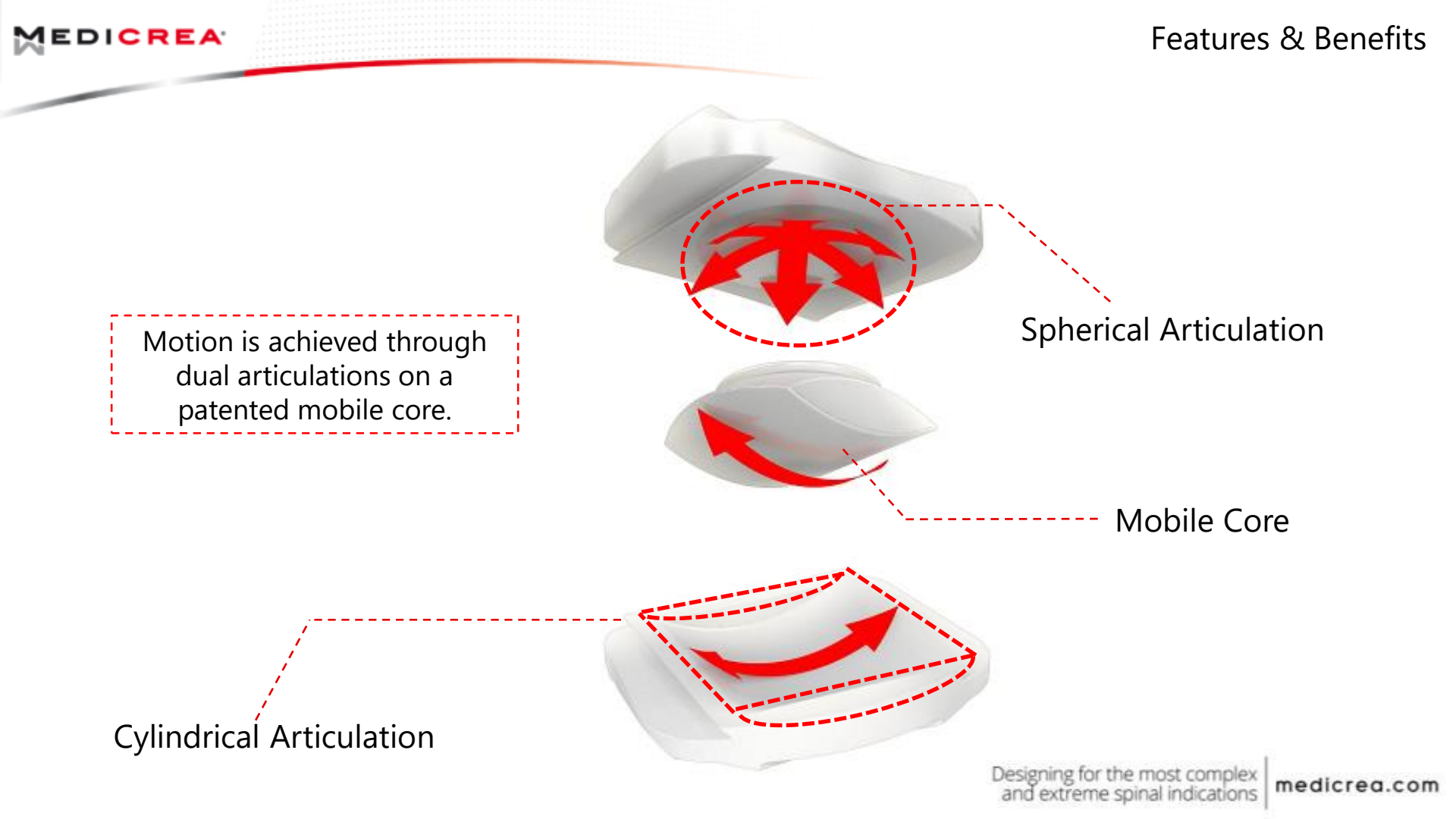


Physiological Motion



The **GRANVIA®-c** is designed to mimic the *physiological motion* of a cervical functional unit with *adaptive and differentiated centers of rotation*.

- ✓ 6 degrees of freedom
- ✓ Shock absorption
- ✓ Self-positioning



Motion is achieved through dual articulations on a patented mobile core.

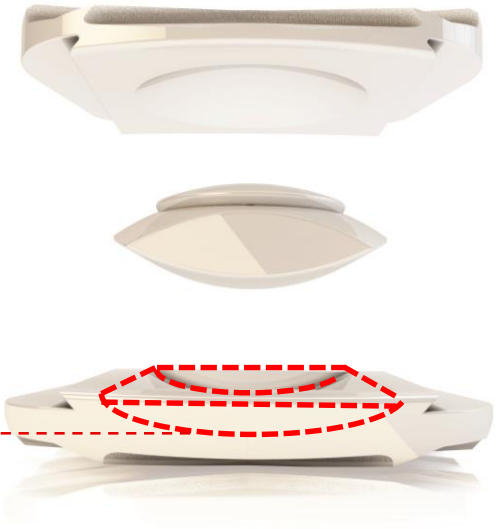
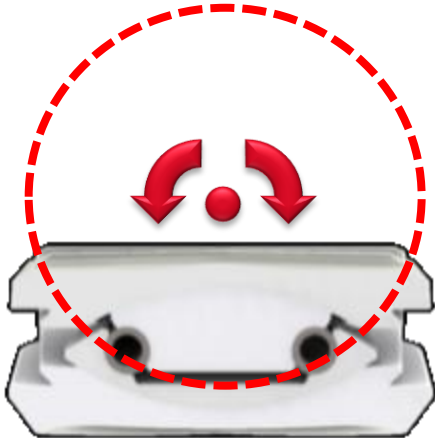
Spherical Articulation

Mobile Core

Cylindrical Articulation



Lateral Bending:
Center of Rotation
above the disc



Cylindrical Articulation



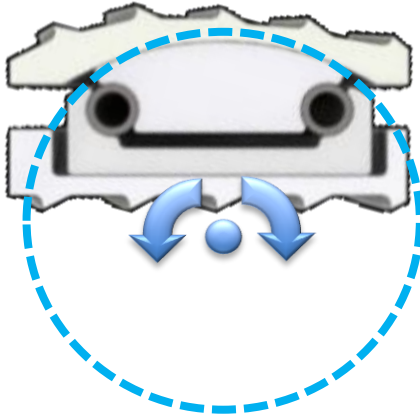
Spherical Articulation

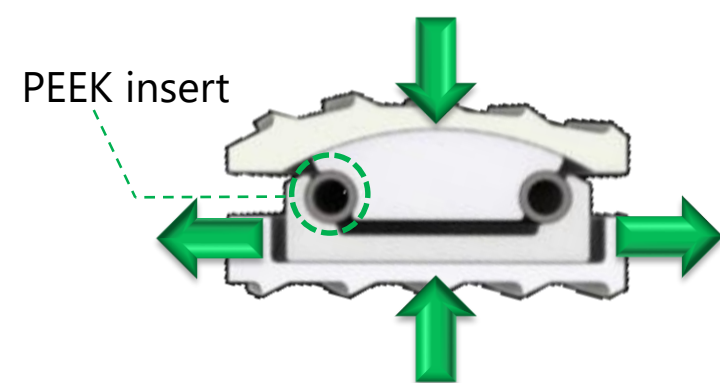


Axial Rotation

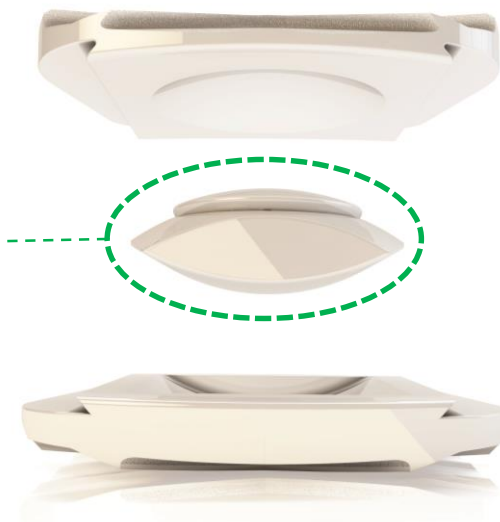


Flexion/Extension:
Center of Rotation
below the disc





Patented
Mobile Core

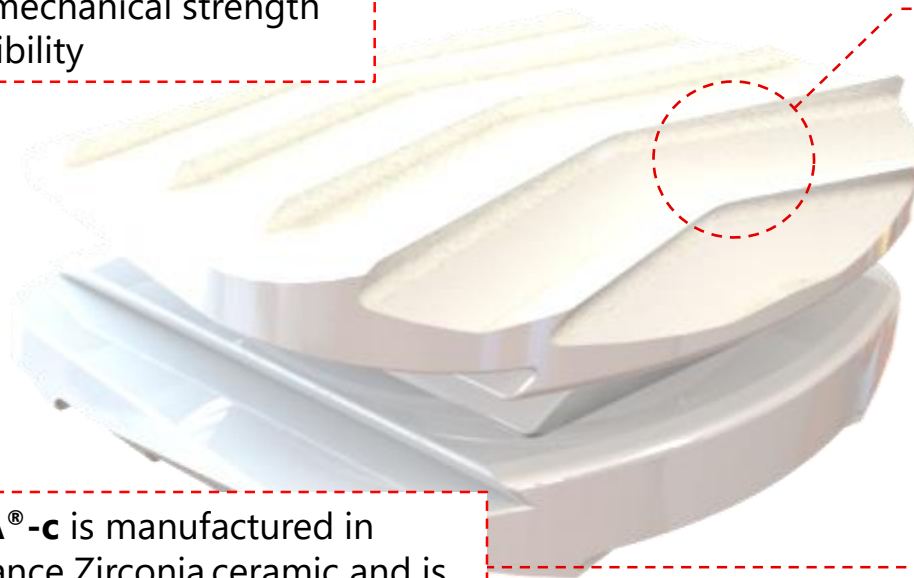


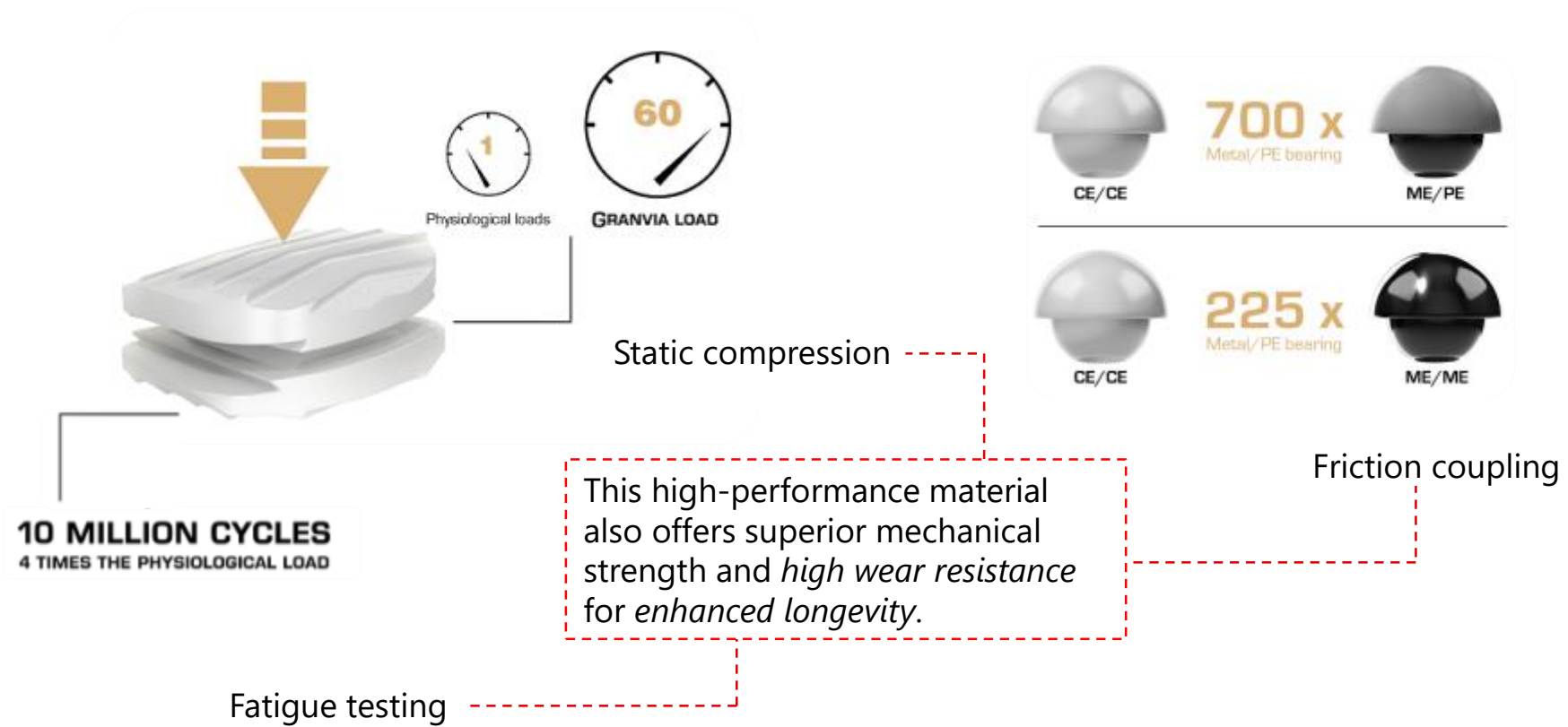
The PEEK insert within the mobile core provides *shock absorption*, while the controlled A/P translation of the core itself adds a '*self-positioning*' capacity.

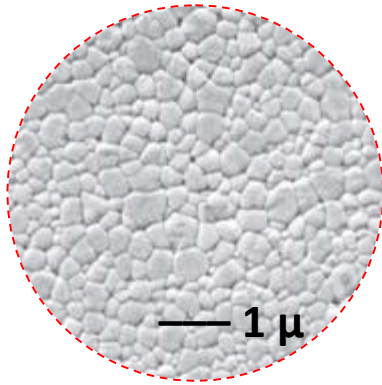
- ✓ Long-term mechanical strength
- ✓ Bio-compatibility

Material
Innovation

The **GRANVIA®-c** is manufactured in high-performance Zirconia ceramic and is *100% metal-free*.







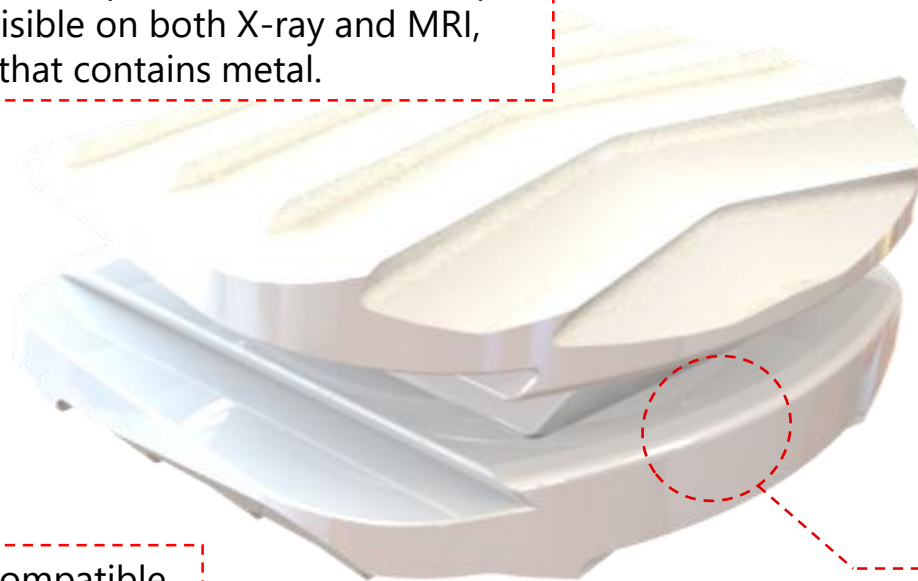
— 1 μ

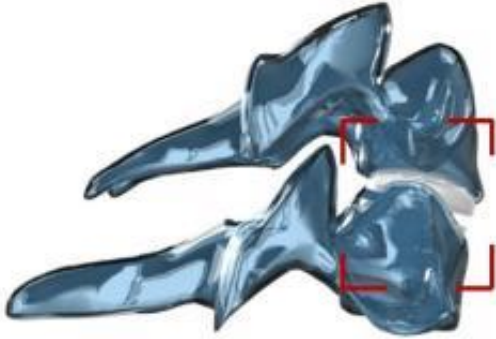
The disc is extremely bio-compatible. It is *metal-free* and thus non-allergenic. Due to the ceramic/ceramic couplings, debris is minimal and particles are completely *bio-inert*.

The **GRANVIA®-c** ensures *optimal clinical follow-up*.
The disc is perfectly visible on both X-ray and MRI,
unlike any other disc that contains metal.

- ✓ 100% MRI compatible
- ✓ Radio-opaque

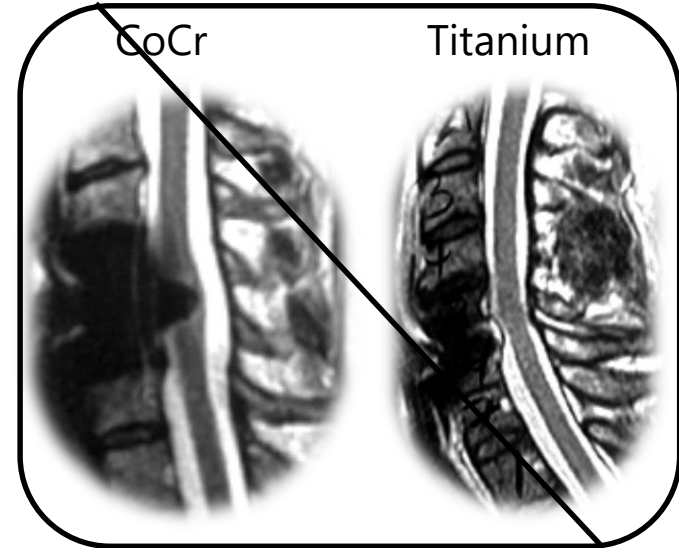
Imaging Compatibility



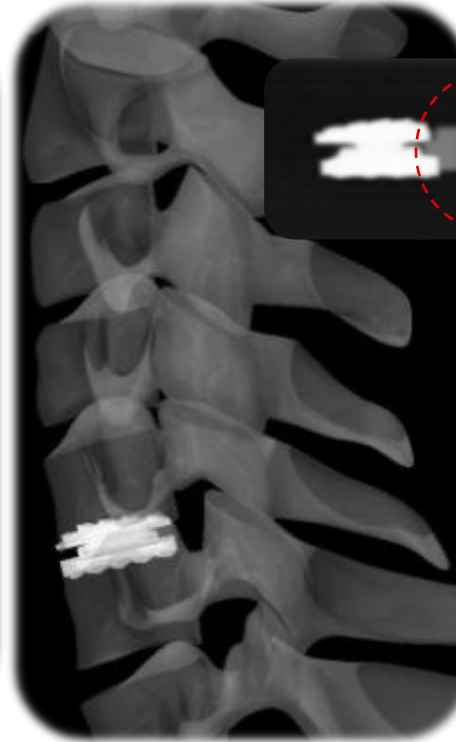
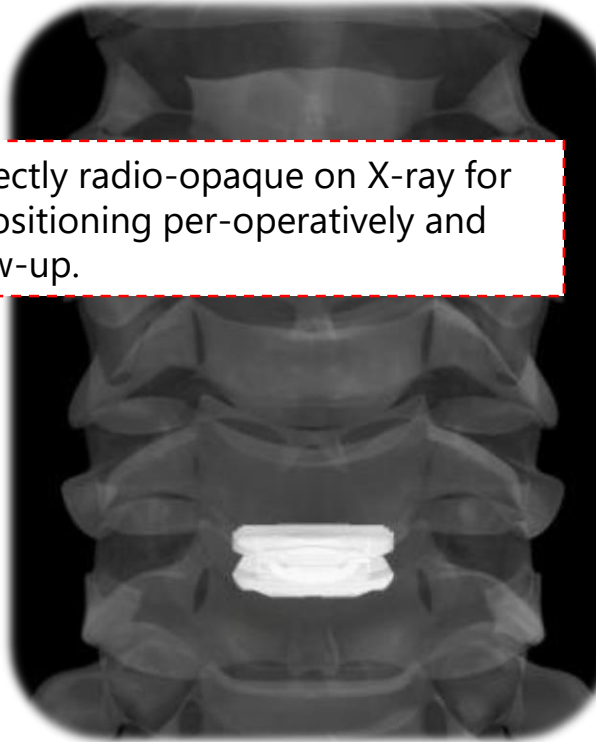


The MRI compatibility of the disc is unmatched, producing *zero artifacts*.

GRANVIA-c (Ceramic)



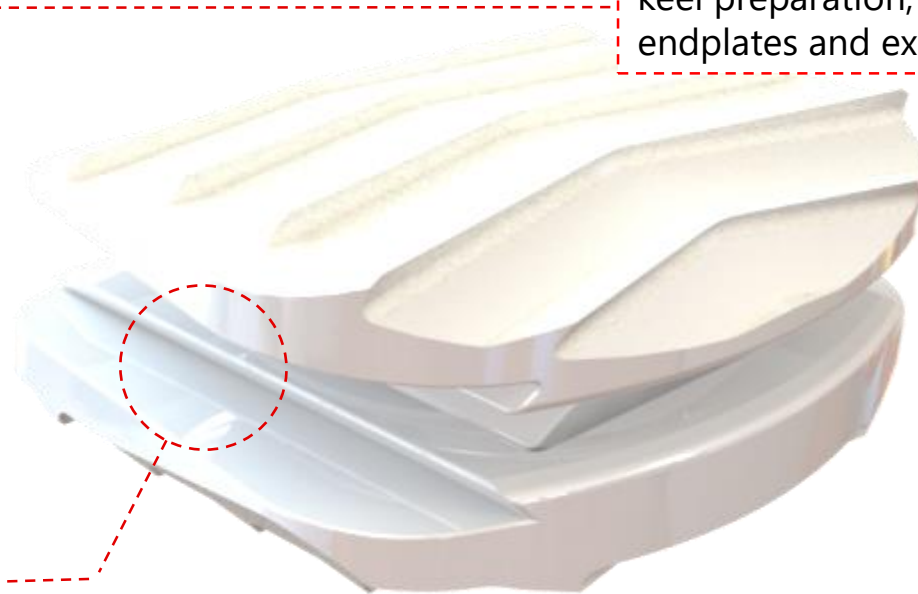
The disc is perfectly radio-opaque on X-ray for highly visible positioning per-operatively and control at follow-up.



Semi-opaque holder

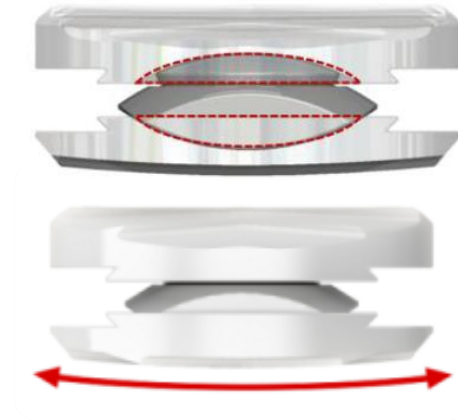
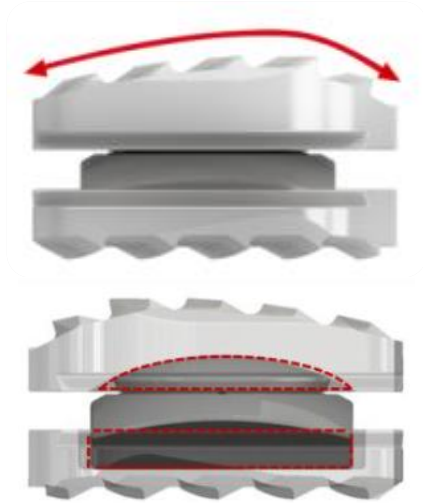
The **GRANVIA®-c** does not require any keel preparation, thus preserving the endplates and expediting insertion.

User Friendly
Implantation

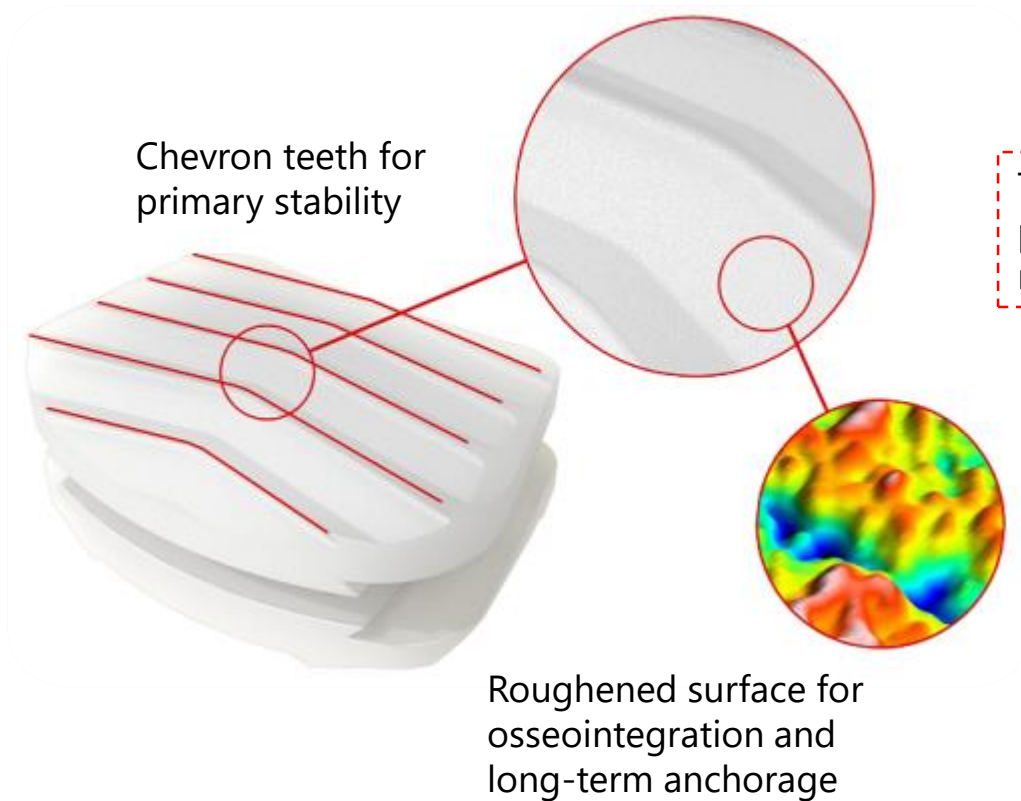


- ✓ Endplate integrity maintained
- ✓ Single-use, sterile instrumentation
- ✓ Fewer surgical steps

The *integrity of the vertebral endplate* is maintained through the anatomical design of the disc.



Increased coverage of articular surfaces for reduced risk of subluxation.



There is *no keel preparation* required for the primary stability of the disc, saving time and reducing the risk of subsidence or fusion.



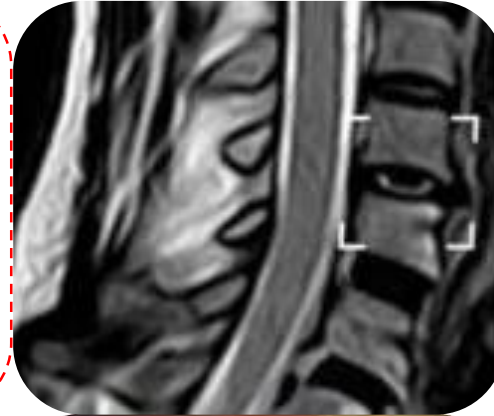
The disc is delivered sterile, pre-mounted on the disposable holder.

MEDICREA's single-use, sterile instrumentation range reduces processing time and cost as well as ensures a high standard of patient safety



Growing clinical
follow-up

>900 implanted

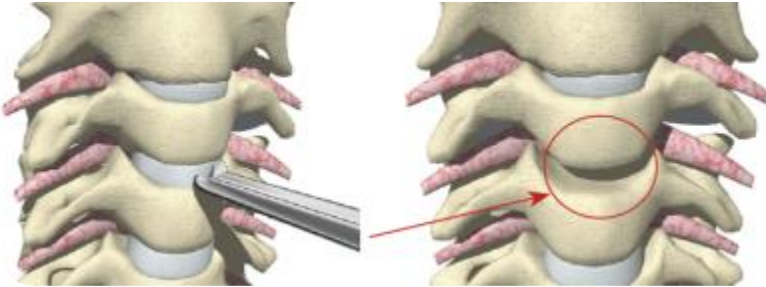


GRANVIA®-C

-  Features & Benefits
-  Technique Overview
-  Product Range



1-PERFORM DISCECTOMY



2-LOCATE MIDLINE



3-APPLY DISTRACTION



4-PREPARE ENDPLATES*



*No keel preparation required

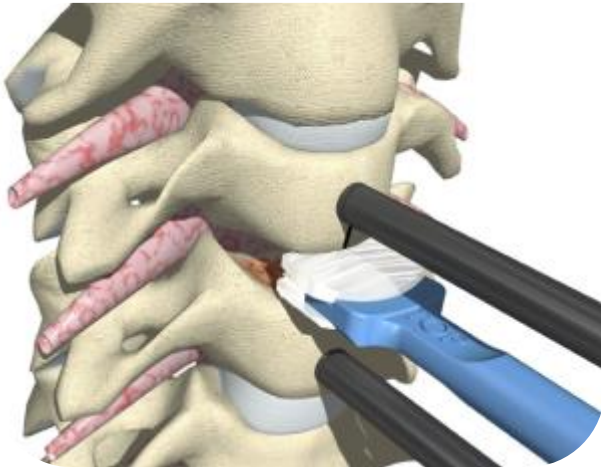


5-TRIAL FOR DISC SIZE

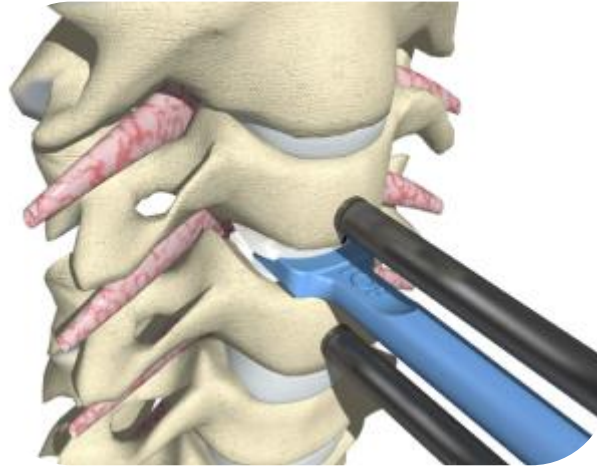


6-OPEN STERILE DISC ON HOLDER

4-IMPLANT THE GRANVIA-c DISC



INTRODUCE BETWEEN ENDPLATES






APPLY COMPRESSION

















RELEASE & REMOVE HOLDER

GRANVIA®-C


-  Features & Benefits
-  Basic Technique
-  Product Range




PROSTHESIS	W x D (mm)	H : 4,3 mm	H : 5 mm	H : 6 mm	H : 7 mm
SMALL White					
MEDIUM Blue					
LARGE Green					

 Small: 15x13mm footprint



 Medium: 17x14mm footprint



 Large: 20x15mm footprint





THANK YOU FOR YOUR ATTENTION