



Redefining Cervical Corpectomy Surgery

Market-Leading Corpectomy Cage.
Robust Anterior Fixation.



X-CORE MINI VBR AND ARCHON RECONSTRUCTION CORPECTOMY SYSTEM

CERVICAL CORPECTOMY SOLUTION

X-CORE Mini VBR is a fully modular cervical corpectomy system with multiple core diameters, endcap shapes and footprints that allows the surgeon to customize the device to each patient's specific anatomical requirements. The low-profile instrumentation allows for predictable and controlled expansion *in situ* to ensure proper height restoration and sagittal correction following a corpectomy procedure. The system also allows for sustained neural decompression and robust fusion through its generous central aperture.

In addition, NuVasive offers an innovative anterior cervical reconstruction system differentiated from all other systems currently on the market. The Archon Reconstruction System is designed to provide increased rigidity and decreased motion compared to a standard plate. Multi-level cervical reconstruction corpectomy procedures can have up to a 71% incidence of failure and often require additional posterior fixation. With the Archon Reconstruction system, additional posterior fixation may not be required in certain cases, as determined by the surgeon. The Archon Reconstruction plate is indicated for use only in patients with large vertebral bodies, and is particularly suited for use following corpectomies for the treatment of tumors and burst fractures.

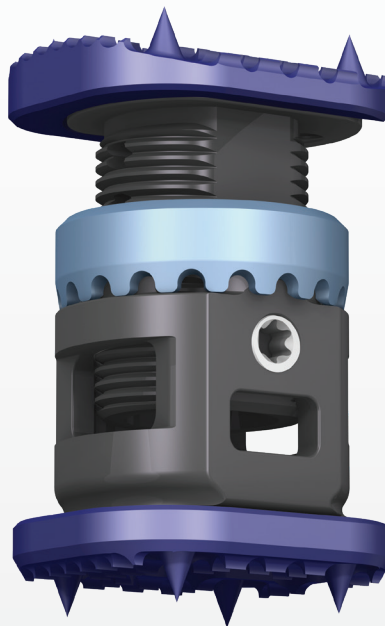
X-CORE MINI VBR

Modular Endcap Options

- Available in multiple shapes and footprints, customizable to patient's anatomy.

Robust Expanding Core

- Double lead threads for quicker expansion
- Strength and safety during expansion



Simple Insertion/Expansion

- Robust spinning sleeve
- Low-profile inserter

Large Central Aperture

- Central core aperture allows for larger fusion column
- Large anterior graft window allows for additional packing *in situ*
- Available in 12 and 14mm cores

ARCHON RECONSTRUCTION SYSTEM

Additional Fixation

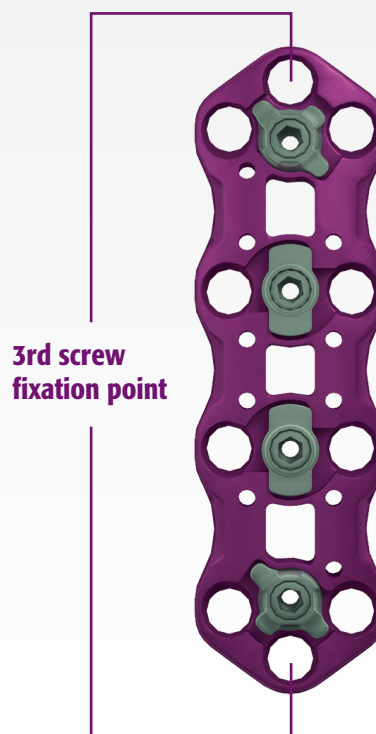
Designed to:

- Resist screw pullout
- Reduce opportunity for screw breakage
- Increase rigidity of overall construct
- Decrease the risk of potential screw subsidence

Optimized Plate Width and Geometry

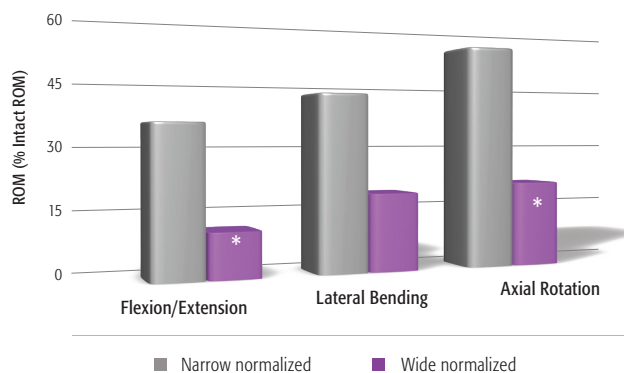
Designed to:

- Provide for larger bone wedge to reduce pullout (13mm between fixation points)
- Increase rigidity of overall construct
- Remain no wider than currently marketed plates (20mm)



BIOMECHANICAL TESTING RESULTS

In a two-level corpectomy construct following 1,000 cycles of flexion/extension, the Archon Reconstruction plate, paired with the X-CORE Mini VBR system, had increased rigidity when compared to the narrow plate, with a reduction in motion of 70% in flexion/extension (p-value < 0.05), 59% in lateral bending, and 68% in axial rotation (p-value < 0.05).¹



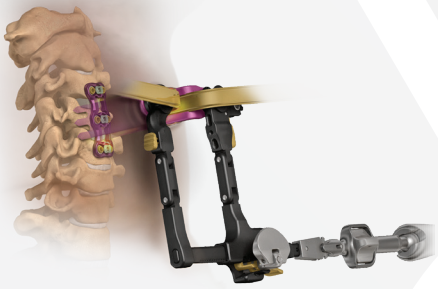
¹Savin PD, Schwartz D, Baldwin NG, et al. Biomechanical investigation of anterior-only reconstruction of the cervical spine. ISASS 14th Annual Conference. April 30 - May 2, 2014. Miami, FL, USA.

CERVICAL PROCEDURAL OFFERINGS

NuVasive provides a suite of procedural offerings (including monitoring, access, hardware, implants, and biologics) with a goal of supplying surgeons with a single procedural source. Our intent with this combination of products is to increase surgical convenience, procedural fluidity, and surgeon confidence, and ultimately to provide a single source to satisfy a surgeon's needs.

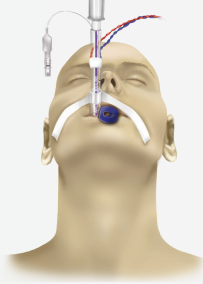
MaXcess-C

Targeted retraction, maximized visualization.



NuVasive ET Tube

Monitoring of the recurrent laryngeal nerve (RLN).



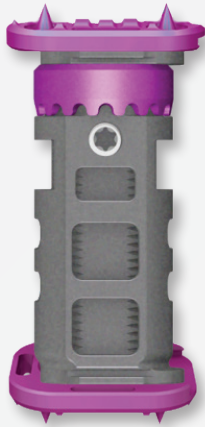
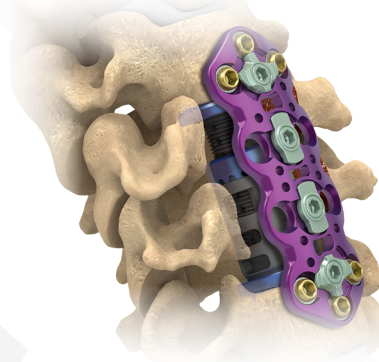
NVM5

Comprehensive nerve root, RLN, positioning, and spinal cord monitoring.



Archon Reconstruction

Designed to address complex anterior cervical pathologies



X-CORE Mini VBR

Customizable for varying patient anatomies.



CoRoent Small Hyperlordotic Interbody

Designed for Cervical anterior column realignment with unmatched hyperlordotic and footprint options to fit a variety of patient anatomies.



Osteoecel Pro

Designed to mimic the physiological profile of autograft, with osteogenic, osteoinductive, and osteoconductive properties.



To order, please contact your NuVasive Sales Consultant or Customer Service Representative today at:

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