



eXpanding Versatility

Biomechanical Strength.
Versatile. Customizable.
Minimally Disruptive.





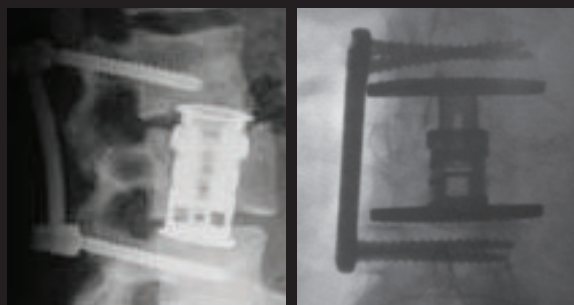
Biomechanical Strength. Versatile. Customizable. Minimally Disruptive.

Expanding on the biomechanical and design principles of X-CORE, the X-CORE 2 Expandable VBR is designed to be the latest and most advanced all-approach expandable VBR on the market. The X-CORE 2 Expandable VBR provides expanded versatility that enables surgeons to utilize X-CORE technology – not only via the XLIF approach, but also through multiple approaches – and offers further customizability of the implant through increased sizing options. All of this is achievable through unique implant updates, and via streamlined, minimally disruptive instrumentation.

BIOMECHANICAL STRENGTH

XLIF Endcaps – Increased Resistance to Subsidence

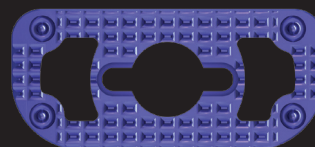
- The X-CORE Expandable VBR is the first expandable VBR on the market to provide XLIF style Endcaps. Clinical data shows that the X-CORE VBR with XLIF style Endcaps provides an increased resistance to subsidence as compared to cylindrical VBRs.^{1,2}



X-CORE 2 and Traverse Lateral Plate

Increased Graft Aperture

- Increased through-hole and Endcap graft aperture to help maximize fusion rate.



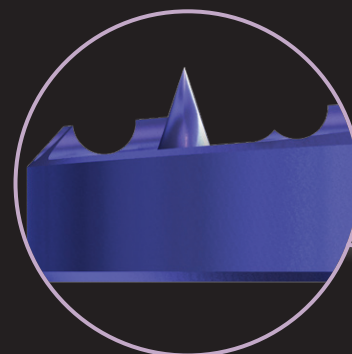
70% Increased Core aperture
103% increased Endcap aperture*

Enhanced Anti-Migration

- Contoured Endcaps conform to vertebral body anatomy.
- Anti-migration teeth and spikes on Endcaps were designed to provide increased fixation.

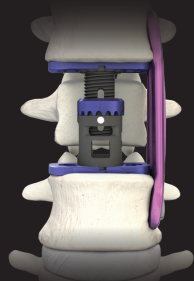


Contoured Endcaps

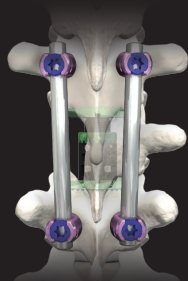


VERSATILE All-Approach Solution

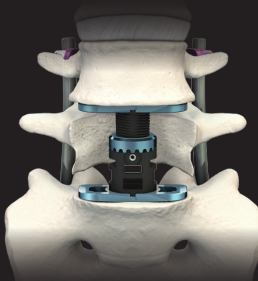
- The unique feature on the Core allows for up to 12 Endcap attachment orientations, enabling surgeons to implant either XLIF or round Endcaps via multiple approaches.



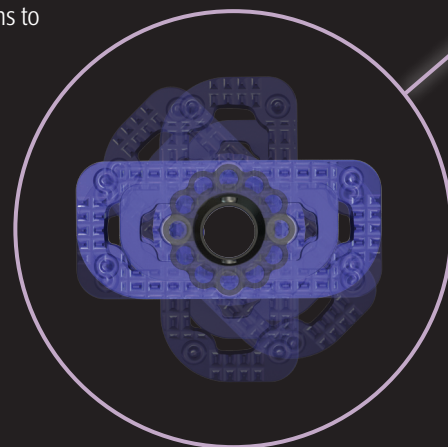
XLIF APPROACH



POSTERIOR APPROACH



ANTERIOR APPROACH



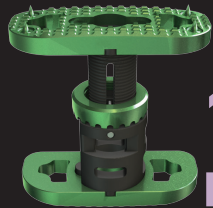
¹Smith WD, Dakwar E, Le TV, Christian G, Serrano S, Uribe JS. Minimally invasive surgery for traumatic spinal pathologies: a mini-open, lateral approach in the thoracic and lumbar spine. *Spine* 2010; 35(26 Suppl): S338-46.

²Pekmezci M, McDonald E, Kennedy A, Dedini R, McClellan T, Ames C, Deviren V. Can a Novel Rectangular Footplate Provide Higher Resistance to Subsidence When Compared to Circular Footplates?: An Ex Vivo Biomechanical Study. *Spine* 2012; In Press.

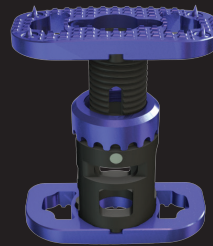
*As compared to X-CORE.

CUSTOMIZABLE

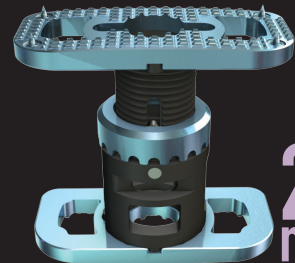
Three Core Diameters



16
mm

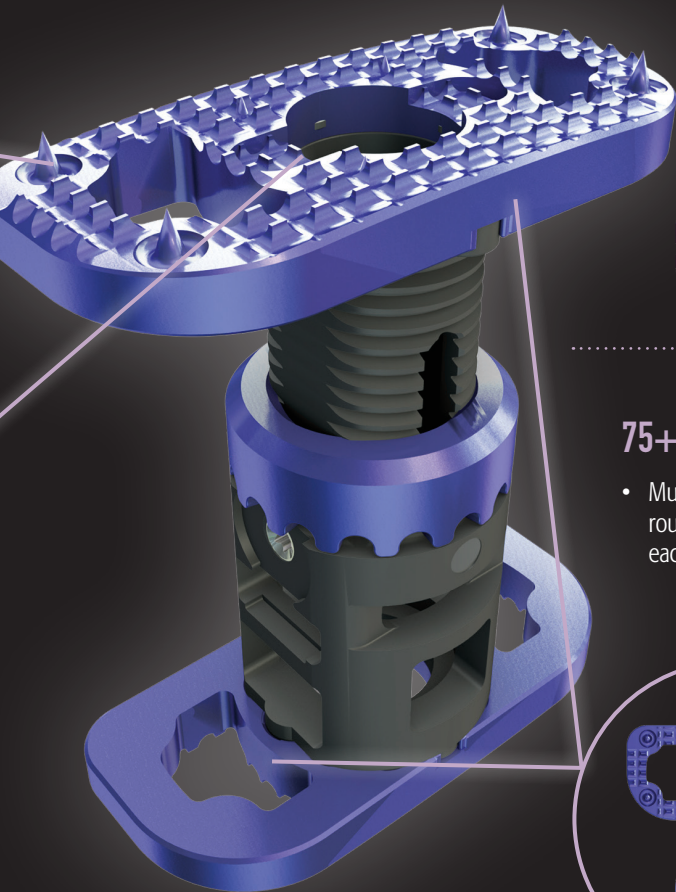


18
mm



22
mm

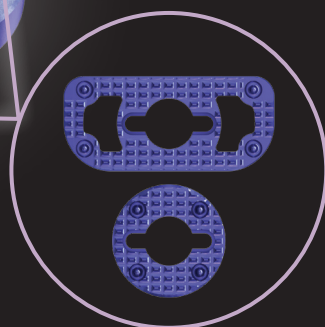
Maximized Height Span



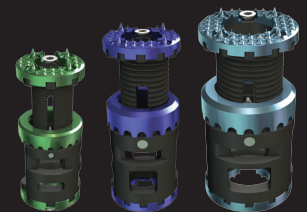
Cores with XLIF Endcaps span from 19mm to 128mm in height

75+ Endcap Options

- Multiple XLIF lengths and round Endcaps available for each Core diameter.
- Additional 22mm wide Endcaps for the 18mm Core are designed to enable surgeons to maximize footprint coverage, while minimizing bony resection required.
- In-line round diameter Endcaps for each Core size provide a solution for posterior approach cases.



18mm CORE



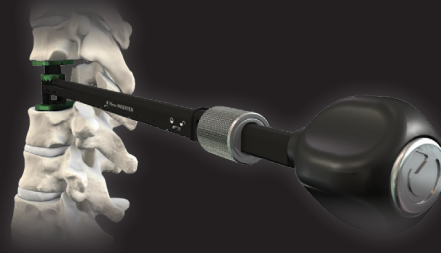
MINIMALLY DISRUPTIVE

Zero Profile Inserter/Expander

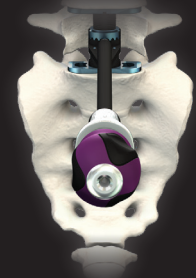
- Zero profile arms engage onto Core, minimizing anatomical disruption, maximizing the size of the VBR that can be placed, and enabling the VBR to be placed via multiple approaches.
- Single-step inserter/expander decreases surgical steps.
- Inserter provides increased distraction compared to similar devices on the market.



XLIF APPROACH



POSTERIOR APPROACH



ANTERIOR APPROACH

Seamlessly Integrated System

- The X-CORE 2 Expandable VBR functions seamlessly within the NuVasive XLIF Corpectomy portfolio of products, making the implant part of a unique procedural solution for tumor and trauma applications.



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

NuVasive, Inc. 7475 Lusk Blvd., San Diego, CA 92121 • phone: 800 475 9131

NuVasive Netherland B.V. Jachthavenweg 109 A, 1081 KM Amsterdam, The Netherlands • phone: +33 20 72 33 000

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