



ZIMMER BIOMET
Your progress. Our promise.®



featuring
VerteBRIDGE®
PLATING TECHNOLOGY



Cervical Solutions

ROI-C® Range

Anterior Cervical Cage

Product Brochure

PHILOSOPHY AND TECHNOLOGY

Philosophy



MIVo™ (Minimal Implant Volume)

Surgical approach focused on reducing the total implant volume implanted in order to reduce the overall morbidity linked to the operative procedure. The goal being to offer the least traumatic solution possible for cervical spine pathologies and improve patient outcomes.

Technology



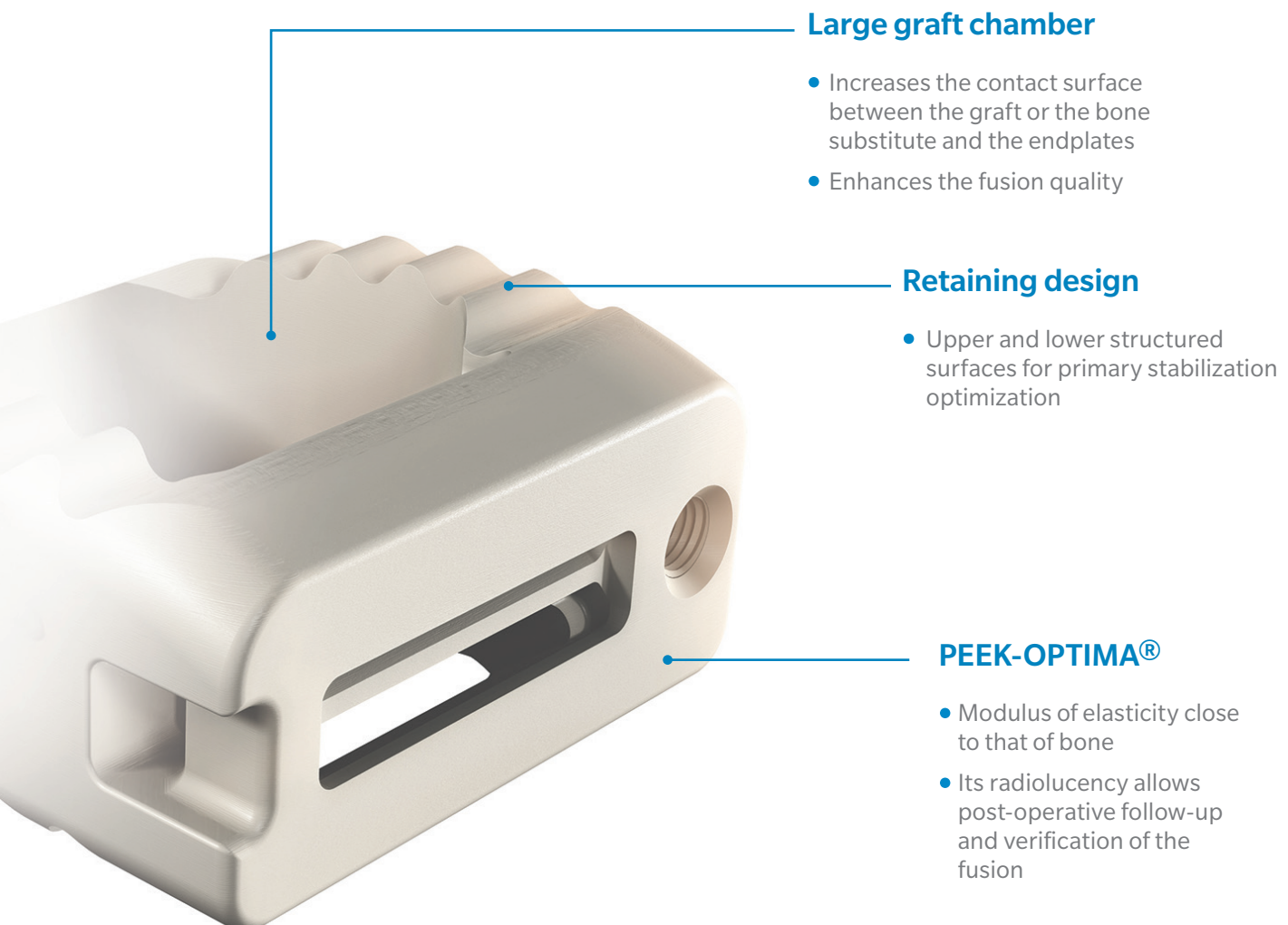
VerteBRIDGE®

An exclusive and innovative anchoring technology created by the desire to stabilize the vertebral segment with the least traumatic and least invasive surgical approach. VerteBRIDGE® is one of the pillars of the MIVo™ philosophy.

This fixation is achieved by inserting 2 half anchoring plates into the superior and inferior vertebrae directly in-line with the disc axis thus stabilizing the cage and the vertebral segment while protecting the vascular and nervous structures due to the «zero-profile» design. Many years of surgical and clinical usage with this technology have proven that, in many indications, supplemental fixation (plate, screws...) is not necessary due to the stabilization provided to the segment by the cage and integrated fixation.

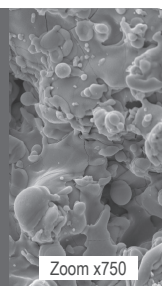
PRODUCT FEATURES

Common features to all types of cages



Titanium coated option

- Up to 120µm of porous Titanium on both endplate-facing surfaces
- Allows osteointegration of the cage surface



1 Tantalum marker

- Verification of the intraoperative and Post-Op cage positioning



PRODUCT FEATURES

Anatomic profile cage

Designed to fit the anatomy of healthy endplates.

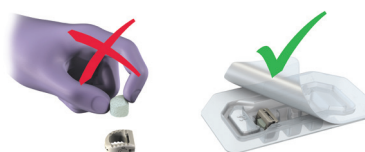


Anatomic design

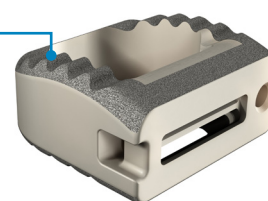
- Curved superior surface that complements healthy endplate contours
- The implant has 6° of built-in lordosis

Pre-filled option

- Delivered pre-filled with BF+ Bone substitute (60% Hydroxyapatite – 40% β -TCP) reducing the number of surgery steps (filling of the cage and/or graft harvesting)
- The loading of the cage on the holder directly in the blister pack allows for a no-touch handling of the cage

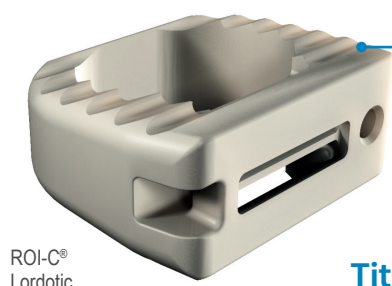


Titanium coated option



Lordotic profile cage

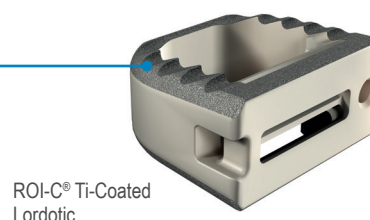
Designed to fit the anatomy of patients with flattened endplates.



Tapered design

- The implant has 7° of built-in lordosis

Titanium coated option



PRODUCT FEATURES

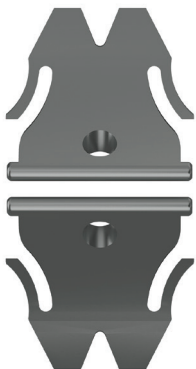
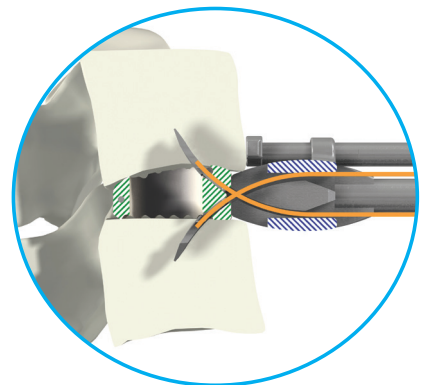
VerteBRIDGE® Anchoring System



Titanium alloy anchoring plate

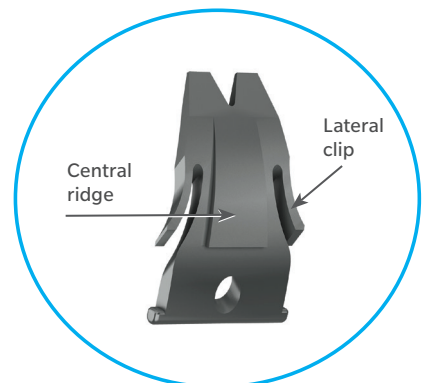
Curved and beveled design

- Insertion within the vertebral bodies of the half anchoring plates directly in-line with the disc axis
- Secure insertion through the implant holder
- Easy, fast, reliable and reproducible implantation



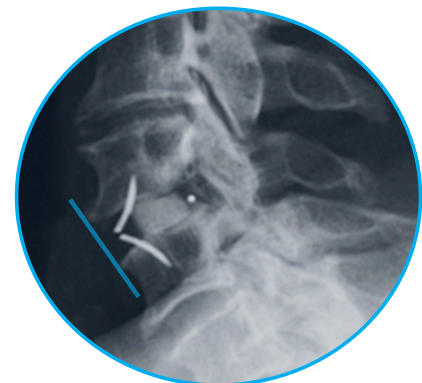
Anti-backout system

- Self-retaining anchoring plate
- Anchors secured by 2 lateral anti-backout clips and one central ridge



Zero-profile anchoring plate

- The design of the implant (cage and anchorage system) is zero-profile compared to the anterior wall of the vertebral bodies
- Reduced insult to surrounding structures (esophagus.....) and prevent consequently the risk of dysphagia

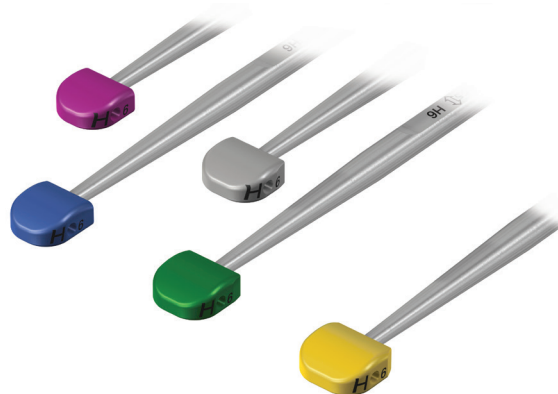


PRODUCT FEATURES

Common instrumentation for all different types of cages

Color-coded, pre-assembled trial implants

- Time saving
- Easy implant identification (colored labels on the implants boxes)



Single implant holder

- Secured insertion with an adjustable stop

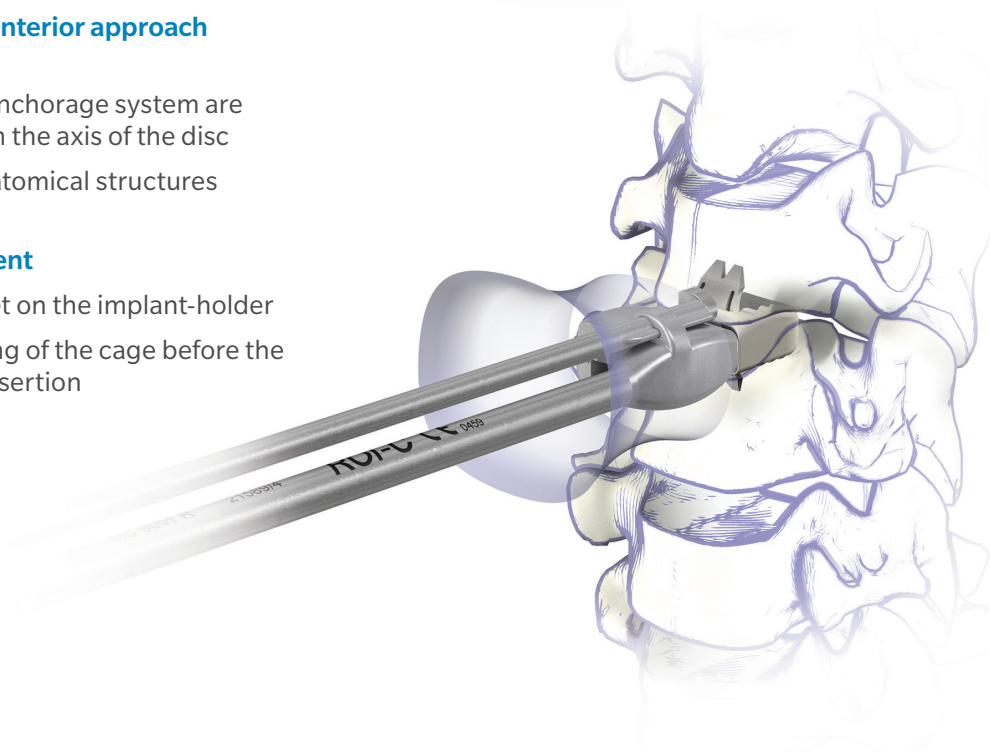
Secure insertion

Minimally invasive anterior approach of the segment

- The cage and its anchorage system are inserted directly in the axis of the disc
- Respect of the anatomical structures

Millimetric adjustment

- Adjustable stop set on the implant-holder
- Optimal positioning of the cage before the anchoring plate insertion



PRODUCT RANGE

The large selection of cages (depth, width, height), of designs (anatomic, lordotic) and half anchoring plate lengths (S, L) allow for adaptation of the implant size to patient anatomy, and make multi-level surgeries and hybrid constructs achievable.

		ROI-C® Anatomic	ROI-C® Lordotic	ROI-C® Bi-Pack	ROI-C® Ti-Coated Anatomic	ROI-C® Ti-Coated Lordotic
						
Footprints* (Depth x Width)	 12 x 14 mm	✓	✓	✓	✓	✓
	 12 x 15,5 mm	✓		✓	✓	
	 14 x 14 mm	✓		✓	✓	
	 14 x 15,5 mm	✓	✓	✓	✓	✓
	 14 x 17 mm	✓	✓	✓	✓	✓
Anterior Heights	4,5 mm	✓		✓	✓	
	5 mm	✓	✓	✓	✓	✓
	 6 mm	✓	✓	✓	✓	✓
	7 mm	✓	✓	✓	✓	✓
	 8 mm	✓	✓	✓	✓	✓
	9 mm		✓			✓
Available pre-shaped bone substitutes		✓		✓ (Pre-filled)	✓	
Anchoring plates lengths	S** L			S for heights 4,5 - 7 mm L for heights 8 mm+		

Product availability may vary by market.

*Colored labels on the implants boxes. ** Length not compatible with heights superior to 7 mm.

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Document intended for the exclusive use of healthcare professionals. Before any surgical procedure, read carefully the instructions and the surgical technique. **ROI-C®** is a range of CE marked medical devices of classes IIb, IIa, Im and I manufactured by the LDR Médical company. The conformity assessment of classes IIb, IIa and Im devices was carried out by the Notified Body LNE/G-MED N°0459. The ROI-C® implant is a sterile cage intended for an arthrodesis of the cervical vertebrae through anterior approach. The ROI-C® instruments constitute an instrument set intended to allow the ROI-C® implant implantation. **ROI-C® Bi-Pack®** is a range of CE marked medical devices of classes III, IIa, Im and I manufactured by the LDR Médical company. The conformity assessment of classes III, IIa and Im devices was carried out by the Notified Body LNE/G-MED N°0459. The ROI-C® Bi-Pack® implant is a sterile cage pre-filled with bone substitute intended for an arthrodesis of the cervical vertebrae through anterior approach. The ROI-C® instruments constitute an instrument set intended to allow the ROI-C® Bi-Pack® implant implantation.

For product information, including indications, contraindications, warnings, precautions, potential adverse effects and patient counseling information, see the package insert.



IR-C B 7 EN 09.2017 A **Zone EMEA**

EUROPE

Parc d'entreprises du Grand Troyes
Quartier Europe de l'Ouest
5 rue de Berlin
10300 Sainte-Savine, France
Adresse postale : CS 80002
10302 Sainte-Savine CEDEX
+33 (0)3 25 82 32 63

LATIN AMERICA

Av. Pereira Barreto, 1395
19° andar
Torre Sul – Bairro Paraíso
Santo André - São Paulo
CEP: 09190-610
Brazil
+ 55 11 43327755

ASIA-PACIFIC

Suite 1001, Great Eagle Centre,
23 Harbour Road,
Wanchai,
Hong Kong
+(852) 3955 1838

UNITED STATES

13785 Research Boulevard
Suite 200
Austin, TX 78750
USA
+1 (512) 344 3333

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