



Avenue[®] L

LATERAL LUMBAR CAGE



Avenue® L

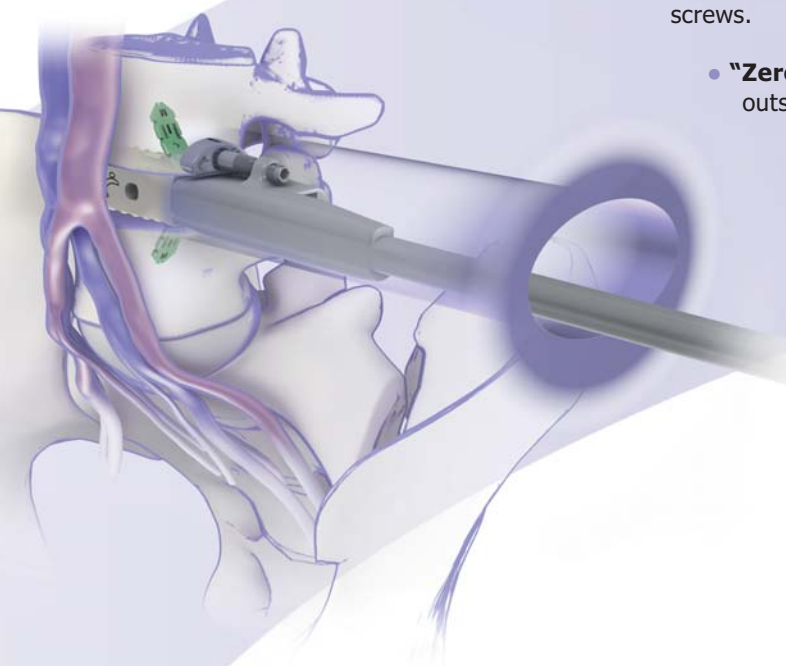
LATERAL LUMBAR CAGE

Our new lumbar cage applies LDR's innovative VerteBRIDGE® plating technology to the lateral retro-peritoneal approach, offering direct access to the intervertebral space and secured fixation. Avenue L provides intraoperative ease of use with a straight-forward and secured surgical technique and significant clinical benefits.



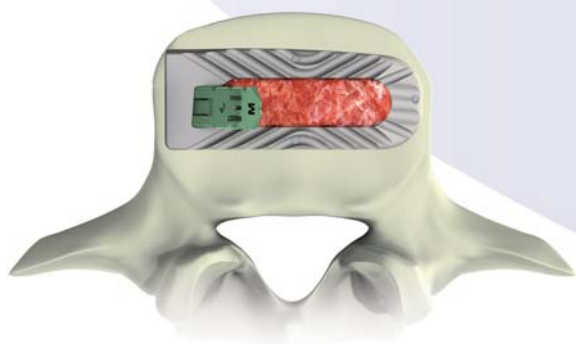
A safe and direct insertion

- The cage and its anchoring system are directly inserted along the axis of the disc allowing for a **minimal invasive lateral approach** to the spine, reducing vascular risks and respecting anatomic structures.
- The **bevelled shape** of the cage enables self-distraction of the intervertebral disc space facilitating insertion while respecting the vertebral endplates.
- The **I-beam design** increases the rigidity of the cage structure and supports the graft during insertion into the intervertebral space.
- **Millimetric adjustment** of the cage-holder ensures optimal positioning of the cage prior to half anchoring plate insertion.
- **Self-guided anchoring system insertion:** 1 instrument, 2 steps for a simple, reliable, fast and reproducible insertion.



Optimized stability and fusion

- The **self-retaining design** with chevron shaped teeth ensures an optimal primary stability.



- The cage design **maximizes the contact area** with the peripheral cortical bone of the endplates.
- The **wide graft chamber**, combined with **anterior vascularization holes**, optimizes the contact between the graft and the vertebral endplates enhancing the quality of the fusion.
- The Avenue L cage is manufactured from **PEEK Optima®**: a biocompatible material with a modulus of elasticity close to that of healthy bone. Its radiolucency enables post-operative assessment of fusion.

Designed for patient safety

- **Innovative anchoring technology made of Titanium alloy (Ti6Al4V)** avoiding the use of lateral plates or screws.
- **"Zero-profile"** design with no hardware protruding outside the intervertebral disc space.
- The **curved self-locking anchoring plate** incorporating a central self-retaining clip, secures the anchoring system and the cage inside the intervertebral disc space.
- **Half anchoring plates are pre-assembled on a single-use anchoring plate holder** made of PEEK Classix® avoiding any direct manipulation and simplifying insertion.



- All implants are delivered in **sterile packaging** to ensure product quality and absolute traceability.

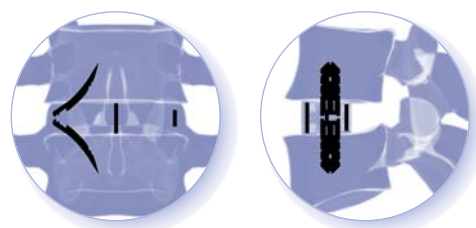
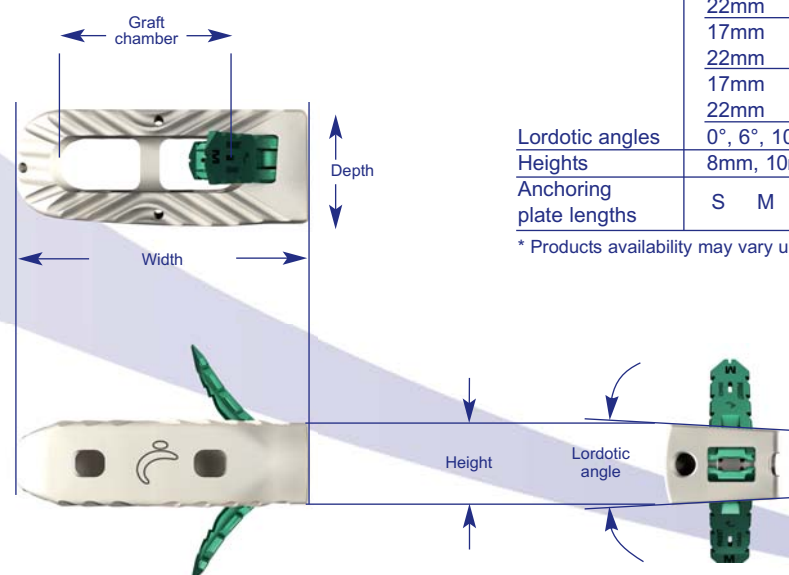
Comprehensive selection to match patient anatomy

- The **wide range** of cage dimensions (footprint, height, lordosis) and half anchoring plate lengths (S, M, L) enables to adapt the implant to all patient anatomies and accommodates multi-level surgeries or hybrid constructs.

Range of implants and sizes *

Footprints (Width x Depth)	17mm	x 35mm
	22mm	x 35mm
	17mm	x 40mm
	22mm	x 40mm
	17mm	x 45mm
	22mm	x 45mm
Lordotic angles	17mm	x 50mm
	22mm	x 50mm
	17mm	x 55mm
	22mm	x 55mm
	17mm	x 60mm
	22mm	x 60mm
Heights	0°, 6°, 10°, 14°	
Anchoring plate lengths	8mm, 10mm, 12mm, 14mm, 16mm	
	S M L	

* Products availability may vary upon markets.



- **Titanium markers** Intraoperative and postoperative control of implant position and following of the fusion.



a passion for innovation

www.ldrmedical.com

France

Technopôle de l'Aube BP 2
10902 Troyes Cedex 9
France
+33 (0)3 25 82 32 63

China

Beijing Global Trade Center #36
North Third Ring Road East,
Unit 06, Level 19, Building A,
Dongcheng District,
Beijing, China, 100013
+86 10 58256655

Brazil

Av. Pereira Barreto, 1395
Torre sul - CJ 193 - Bairro Paraiso
Santo André - São Paulo
CEP: 09190-610
Brazil
+55 11 43327755

United States

13785 Research Blvd., Suite 200
Austin, Texas 78750
512.344.3333

LDR, LDR Spine, LDR Médical, BF+, BF+(ph), Easyspsine, C-Plate, SpineTune, Laminotome, MC+, Mobi, Mobi-C, Mobi-L, Mobidisc, ROI, ROI-A, ROI-C, ROI-MC+, ROI-T, VerteBRIDGE and Avenue L are trademarks or registered trademarks of LDR Holding Corporation or its affiliates in France, the United States and other countries.

