LDR
a passion for innovation®

MC+®

CERVICAL MODULAR CAGE

LDR is now part of ZIMMER BIOMET
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Document intended for the exclusive use of healthcare professionals.MC+® is a range of CE marked medical devices of classes IIb, IIa and I manufactured by the LDR Médical company. The conformity assessment of classes IIb and IIa devices was carried out by the Notified Body LNE/G-MED N°0459. The MC+® implant is a sterile cage intended for an arthrodesis of the cervical vertebrae through anterior approach.The MC+® instruments constitute an instrument set intended to allow the MC+® implant implantation.Before any surgical procedure, read carefully the instructions and the surgical technique.

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MC+®

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A design supporting stability

- The anatomical shape of the MC+® cage (upper convex endplate in sagittal and frontal planes) allows restoration of disc height as well as intersomatic space lordosis while offering excellent primary stability to the implant.

- Both the superior and inferior surfaces of the cage feature retaining ridges limiting the risk of implant migration.

- The large weight bearing surface peripheral to the bone graft area increases primary stability and allows for immediate loading.

- The self-retaining anchoring clip supplements the primary stability of the cage by inserting through the superior endplate of the lower vertebrae.

- The exclusive design of the anchoring clip provides its self-locking within the cage, easy impaction, and reliable supplemental fixation without weakening the vertebral endplate.

Patient safety optimized

- The MC+® cage is in PEEK-Optima® with a Young's modulus close to that of bone. Its radiolucency and the use of tantalum markers allow post-operative visualization and verification of the cage positioning and fusion.

- The intersomatic cages MC+® are implanted using a reproducible surgical technique.

- The MC+® cage offers a wide unique graft surface with the possibility to use either an anatomical bone substitute or autologous bone graft to perform the fusion.

A wide range that fits to patients anatomy

The large range of cages (footprint, height) allows adaptation of the implant to varying patient anatomy, and makes multi-level surgeries supportable.

Product range and sizing *	
Footprints mm (depth x width)	12x14
	12x15,5
	14x14
	14x15,5
	14x17
Heights	4,5mm**; 5mm; 6mm; 7mm; 8mm
Anchoring clips	One-size-fits-all

* Product availability may vary by country and market.
** Height not available for Footprint 14x17.

- The insertion of the anchoring clip is self-guided through the cage holder in the angular direction (50° angle in regards to the axis of the disc) as well as in depth allowing for perfect positioning (impactor with stop).

- All MC+® implants are delivered sterile with sterility indicator.

Compact instrumentation

The MC+® instruments are simple and functional and have been designed by and for spinal surgeons.

It allows for a simple, optimized and reproducible surgical technique.

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MC+® CERVICAL MODULAR CAGE