

MectalIF[®] SYSTEM

INTERBODY FUSION SOLUTIONS

INTERVERTEBRAL BODY FUSION DEVICE



Brochure

Joint

Spine

Sports Med

The MectaLIF System is indicated for use in skeletally mature patients suffering from Degenerative Disc Disease at one level or two contiguous levels from L2 to S1. Patients should have received 6 months of non-operative treatment prior to treatment with the devices.

MECTALIF SYSTEM

ANATOMICAL DESIGN

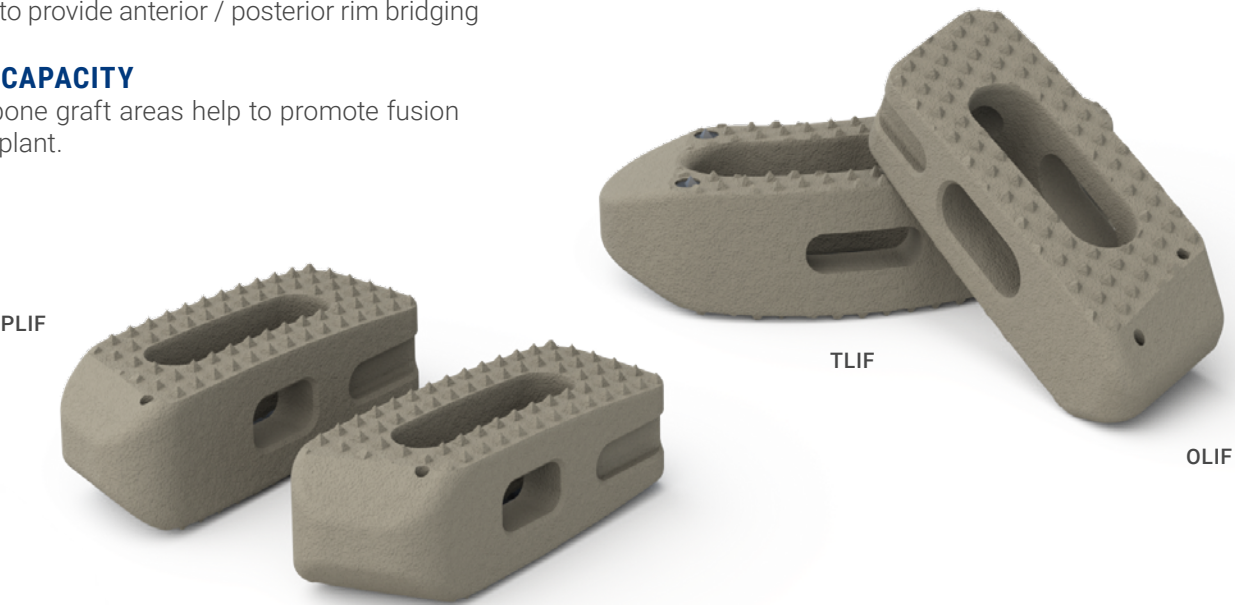
- Shaped to facilitate proper load transfer and enhance the contact surface
- Bioconvex surface to match endplate anatomy
- Bi-cortical bridge to offer a stable support and reduce the risk of subsidence

STABILITY FEATURES

- Pyramid teeth are designed to grip the endplate and to help limit implant migration
- Broad surface is designed to contribute to mechanical stability under lateral bending and to provide anterior / posterior rim bridging

BONE GRAFT CAPACITY

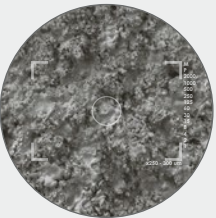
Large central bone graft areas help to promote fusion through the implant.



TIPEEK TECHNOLOGY

The MectaLIF system includes plasma-sprayed titanium coated cages.

The TiPEEK osteoconductivity in the MectaLIF Cages enhances primary stability due to complex micro rough surface that improves friction increasing migration resistance.^[1,2]

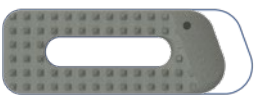


A COMPREHENSIVE SYSTEM

The MectaLIF family of interbody fusion devices offers a variety of solutions to cover patient's unique anatomies and surgical needs:

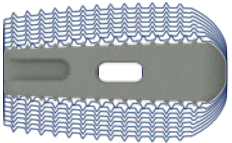
POSTERIOR

FOOTPRINT (WxD)



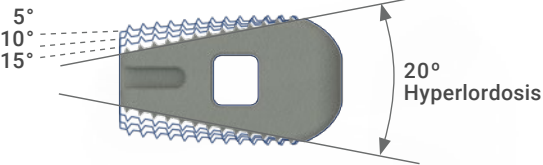
9x22 mm
9x25 mm

HEIGHT



7-15 mm (+1 mm increase)
Including 1.2 mm spikes

LORDOSIS



5°-20°
5° increase

OBLIQUE

FOOTPRINT (WxD)



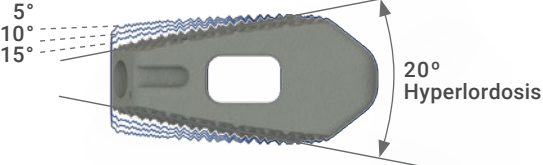
10x24 mm
10x28 mm
10x32 mm

HEIGHT



7-15 mm (+1 mm increase)
Including 1.2 mm spikes

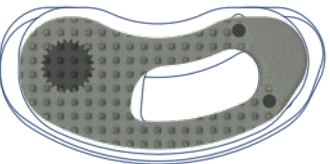
LORDOSIS



5°-20°
5° increase

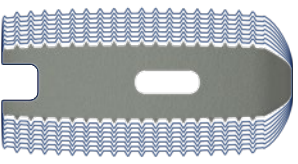
TRANSFORAMINAL

FOOTPRINT (WxD)



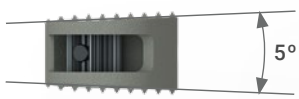
12x30 mm 14x30 mm
12x34 mm 14x34 mm

HEIGHT



8-15 mm (+1 mm increase)
Including 1.2 mm spikes

LORDOSIS



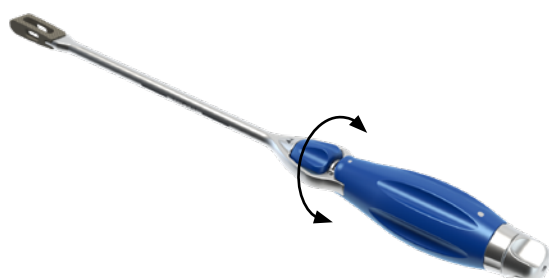
5° only option

EASE OF IMPLANTATION

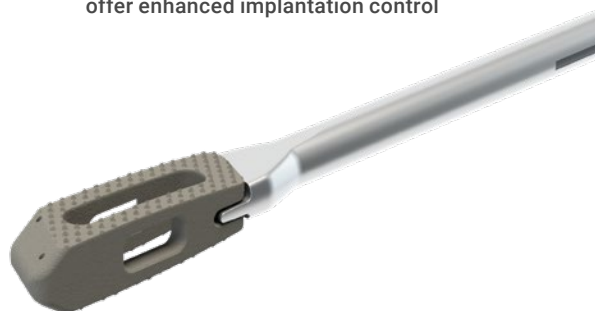
All cages included in the MectaLIF system are equipped with a self-distracting bullet nose.

Dedicated instruments for each cage family simplify the surgical steps:

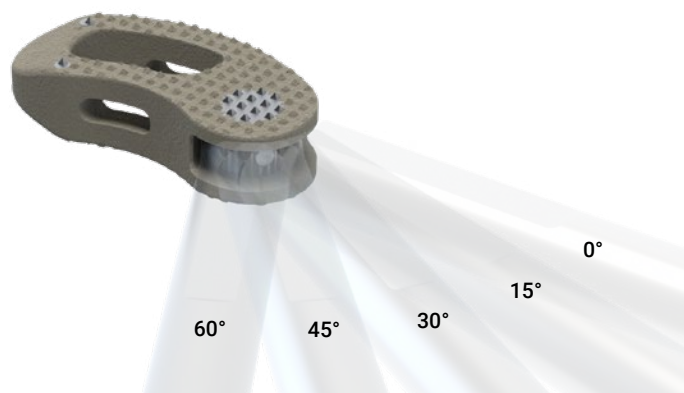
Fast and effective connection with the inserter that also has a stable interface



The anterior prongs on the inserter for the Posterior 9 mm and Oblique 10 mm cages offer enhanced implantation control



The Transforaminal inserter offers an adjustable (0-60°) angulation of the implant to accommodate specific in-situ placement



References: [1] M. Rickert et al. Transforaminal lumbar interbody fusion in PEEK oblique cages with and without titanium coating: results from a randomized clinical trial 8th M.O.R.E. International Symposium. [2] B. Walsh et al. Titanium coated interbody devices 8th M.O.R.E. International Symposium.

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This document is intended for the US market.

For all indications, contraindications, warnings, precautions, and potential adverse effects of the product presented, see the instructions for use or contact your local representative. For additional product information, visit <http://www.medacta.com>.



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MectaLIF[®] System Leaflet
ref: 99.44POT.11US
rev. 01
Last update: June 2025

swiss
made

