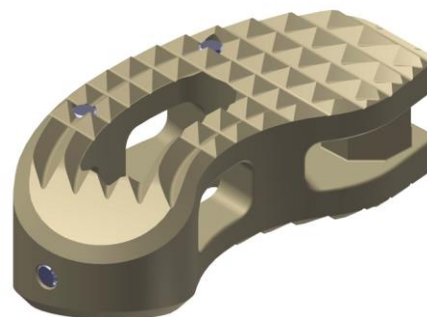


MERCURY™ PEEK TLIF Cages and supporting instrumentation were designed to help improve the clinical experience of placing TLIF interbody cages in the correct anatomical location.

Featuring a bi-directional tapered leading edge and a large autograft cavity, the system offers preserving the posterior arch, the integrity of posterior ligaments and their stability.



Implant Features – Cage Design

- » Large central opening allowing for a significant amount of bone graft.
- » An anatomical size range matching a variety of lumbar anatomies.
- » Ensure a primary and long-term stabilization of the affected vertebrae.
- » Provide an optimized fusion bed
- » A biomechanical background ensuring high reliability of the construct.
- » Preserve the integrity of the vertebral body end plates.
- » Instrumentation increases operation safety and efficiency.

Implant Features – PEEK-OPTIMA®

» Safety

Elasticity prevents sinking: less risk of endplate penetration

Withstands repeated autoclave sterilizations

» Medical imaging (X-ray, CT, MRI)

Radiolucent material to allow accurate fusion follow-up

Embedded gold markers to facilitate implant placement verification

» Biocompatibility

No carbon fibres: no risk of inflammatory reaction

CE-marked and cleared by FDA for long-term implantation in the human body

» Enhanced bone fusion

No stress shielding

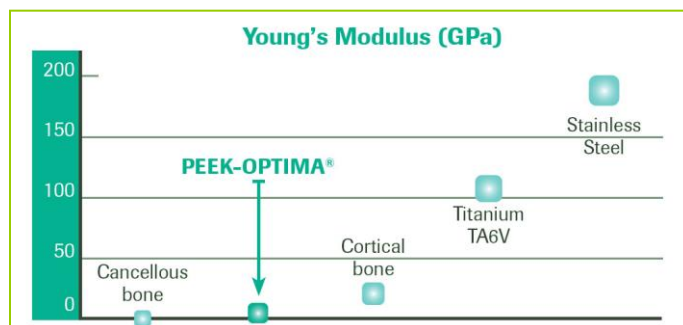
Optimum load repartition

Bone growth enhancement thanks to micro-movements

» Modulus of Elasticity

Elastic Modulus between cancellous and cortical bone

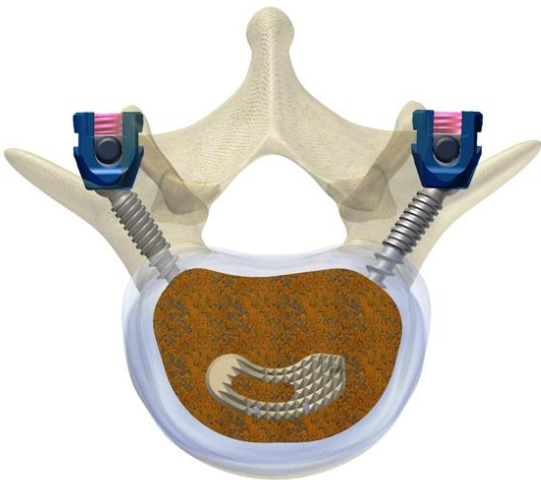
Ideal load sharing implant



Indications for Use

Indications are lumbar and lumbosacral pathologies in which segmental spondylodesis is indicated, for example:

- ◆ Degenerative disc disease and spinal instabilities
- ◆ Revision procedures for post-discectomy syndrome
- ◆ Pseudarthrosis or failed spondylodesis
- ◆ Isthmic spondylolisthesis



Implant Information

MERCURY™ PEEK TLIF CAGE

SIZE (MM)	REF
10 x 28 x 7	MOI 47004007
10 x 28 x 8	MOI 47004008
10 x 28 x 9	MOI 47004009
10 x 28 x 10	MOI 47004010
10 x 28 x 11	MOI 47004011
10 x 28 x 12	MOI 47004012
10 x 28 x 13	MOI 47004013
10 x 28 x 14	MOI 47004014
10 x 28 x 15	MOI 47004015
10 x 28 x 16	MOI 47004016
10 x 28 x 17	MOI 47004017

