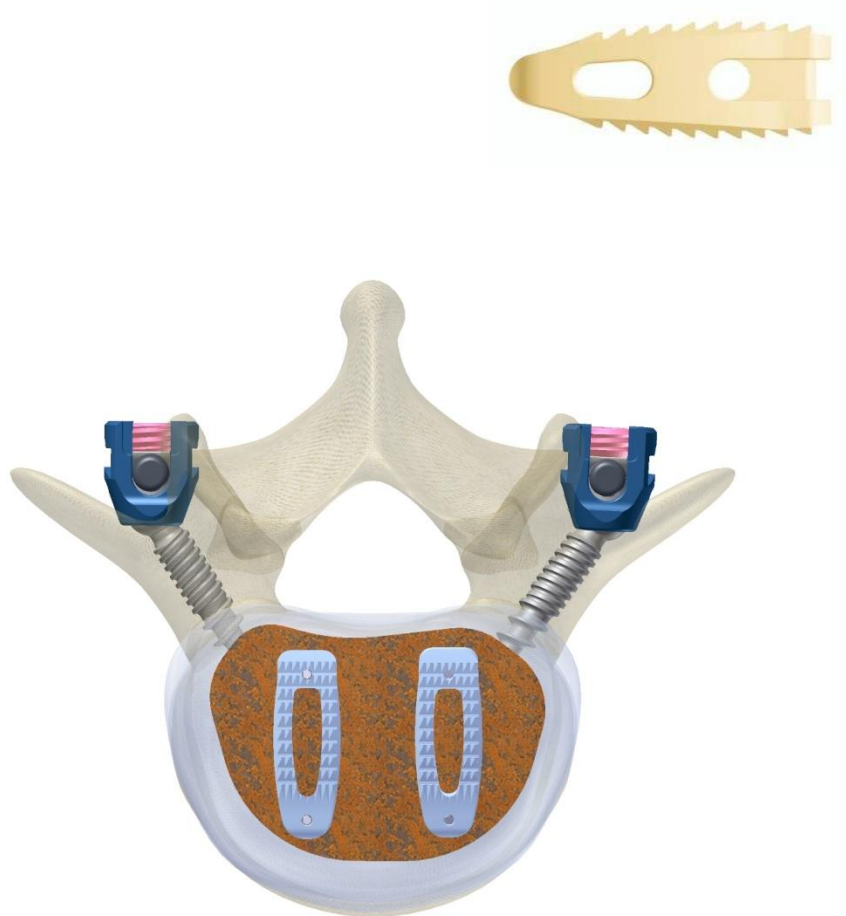


# JUPITER

PEEK Cage for Posterior Lumbar Interbody Fusion (PLIF)



## SYSTEM OVERVIEW

The elegant simplicity of the JUPITER™ design along with the flexibility of its use in a posterior approach appeals to surgeons that prefer a consistent and reliable implant. The JUPITER™ PEEK PLIF Cage System was specifically designed for surgeons that prefer a traditional posterior approach for bilateral implant placement. The specific shape and the pure PEEK composition of this implant ensure excellent bone fusion.

### 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

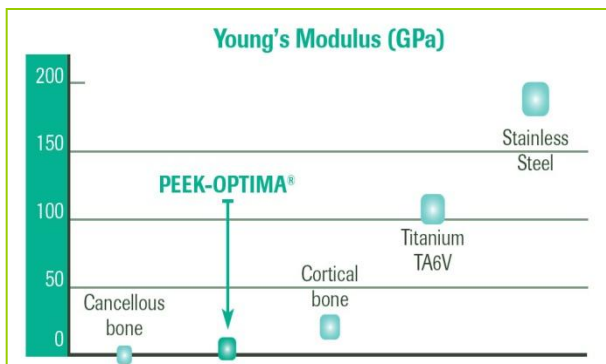
- No carbon fibres: no risk of inflammatory reaction
- CE-marked and cleared by FDA for long-term implantation in the human body

#### 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



### Implant Features — Cage Design

- Bulleted nose minimizes insertion forces and provides an easy, atraumatic and self-distracting insertion.
- Convex-shaped implants are designed to fit patient anatomy and to allow more accurate sizing.
- X-ray markers facilitate radiologic identification.
- Biocompatible PEEK Optima allows the growth of the bone in the cage to be visualized.
- Sharp teeth on the surface of the implant ensure primary stability and prevent migration of the cage.



### Indications

The intended purpose of the JUPITER™ PEEK PLIF Cage is that it be used for interbody fusion and/or resection or excision of the vertebral bodies of the thoracolumbar spine.

JUPITER™ PEEK PLIF Cage is indicated for the treatment of degenerative disc disease, disc herniation, foraminal stenosis, tumor, trauma, deformity (including scoliosis, spondylolisthesis and retrolisthesis) and failed previous fusion. JUPITER™ was designed to be placed through a posterior incision.

#### NOTE:

Since the JUPITER™ PEEK PLIF Cages were not developed as “stand-alone” implants, the use of additional posterior instrumentation (for example with NEPTUNE™ Pedicle Screws) is strongly advised.

## IMPLANT INFORMATION

### JUPITER™ PEEK PLIF Cage, Footprint 10 X 28 mm

HEIGHT (MM)	REF
8	MOI 47005008
9	MOI 47005009
10	MOI 47005010
11	MOI 47005011
12	MOI 47005012
13	MOI 47005013
15	MOI 47005015
17	MOI 47005017

### JUPITER™ PEEK PLIF Cage, Footprint 10 X 24 mm

HEIGHT (MM)	REF
8	MOI 47030008
9	MOI 47030009
10	MOI 47030010
11	MOI 47030011
12	MOI 47030012
13	MOI 47030013
15	MOI 47030015
17	MOI 47030017

