

PEEK-OPTIMA. CERVICAL INTER-BODY SPACER

Calvary's PEEK-OPTIMA intervertebral spacers are used in the treatment of degenerative disc disease to assist interbody fusion and to restore disc height.

Surface Ridges:

Resist implant migration while providing a broad surface area to prevent subsidence.

5° of Lordosis:

Provides for restoration of normal sagittal alignment.

Sizes:

5mm, 6mm, 7mm, 8mm and 9mm anterior heights



PEEK-OPTIMA Material:

PEEK-OPTIMA is a safe, biocompatible and stable polymer used in thousands of FDA approved and CE-marked implanted devices since its introduction in 1999. It combines optimal biomechanics with modulus between cortical and cancellous bone, and established biocompatibility.



Large Graft Containment Capacity:

Allows for housing a large volume of cancellous bone graft or extenders to promote rapid fusion.

Anatomic Contour:

Provides broad endplate coverage to minimize the potential for subsidence.

Radiographic Markers:

Embedded tantalum pins precisely reveal the implant position on x-ray without obscuring the view of the healing fusion.



Calvary's interbody spacers provide:

- + Advanced Design Features
- Unbeatable Savings and Guaranteed Pricing
- + Proven Biocompatibility & Safety
- + Exceptional Service
- BEST OVERALL VALUE

PRESENTED TO HOSPITALS AT EXCEPTIONAL VALUE

Contact Calvary at 703-407-9295

or visit www.calvaryspine.com for additional information.



Cervical Interbody Fusion Device

Product Specifications



The Calvary Cervical Cage was developed as an interbody implant for anterior cervical fusion. Strength, biocompatibility and an optimal design for successful arthrodesis were the primary development goals. Composed of PEEK Optima the cage provides a radiolucent high performance material with a modulus of elasticity similar to human bone. The cervical cage avoids both the radiographic artifacts typically encountered with metal interbody implants and the safety concerns associated with allograft use. To prevent migration, the cervical cage has ridges on its superior and inferior surfaces. Five degrees of lordosis within the implant helps to restore normal sagittal alignment. A large window allows a broad column of bone formation through the implant. Tantalum x-ray markers to allow radiographic visualization.

Indications

The Calvary cervical cage is indicated for use in skeletally mature patients with degenerative disc disease (DDD) of the cervical spine with accompanying radicular symptoms at one disc level. DDD is defined as discogenic pain with degeneration of the disc confirmed by history and radiographic studies. The Calvary cervical cage implants are used to facilitate intervertebral body fusion in the cervical spine and are placed via an anterior approach at the C-3 to T-1 disc levels. The cervical implant is to be used with supplemental fixation.

Sizes / Measurements	Dimensions:
200-05 5mm	A/P = 11mm
200-06 6mm	M/L = 13mm
200-07 7mm	h = 5mm, 6mm, 7mm, 8mm, & 9mm
200-08 8mm	Ridges: 1.0mm pitch x .5mm deep
200-09 9mm	52mm ² in contact with the endplates
	Minimum bone graft volume = 260mm ³