



EP™ Cage

PLIF Expandable PEEK Cage

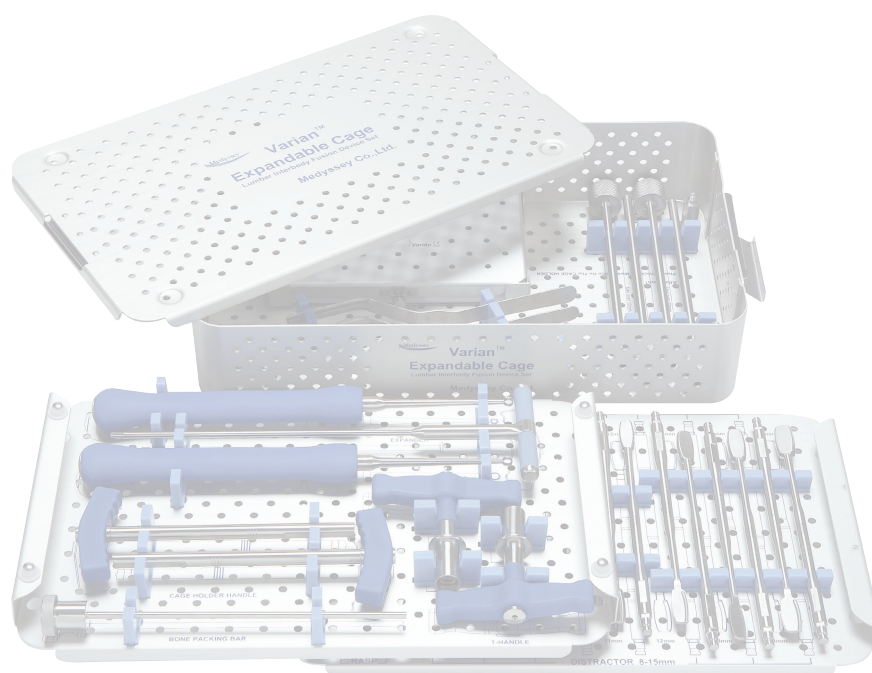


VariAn™ Cage

PLIF Expandable Titanium Cage

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Introduction

EP™ Cage & VariAn™ Cage are an interbody implant and instrument system designed for posterior lumbar interbody fusion (PLIF).

EP™ Cage & VariAn™ Cage are indicated for treatment of degenerative disc disease of the extensive spinal column, from thoracic to sacral spine, including isolated disc resorption, primary and secondary instability, recurrent disc herniation and pseudarthrosis.

EP™ Cage & VariAn™ Cage:

- Provide Accurate and Secure Anchoring
- Provide Simplified Instrumentation
- Provide Minimized Procedure Time
- Easy Retraction and Removal
- Restore Disc Height
- Restore Lordosis
- Preserve the Integrity of the Vertebral Body Endplates
- Provide an Optimized Fusion Environment



EP™ Cage
PLIF Expandable PEEK Cage

Indications

EP™ Cage & VariAn™ Cage are used for lumbar and lumbosacral degenerative pathologies for which segmental spondylodesis is indicated.

- Degenerative Disc Diseases and Instabilities
- Degenerative Spondylolisthesis
- Isthmic Spondylolisthesis
- Pseudoarthrosis or Failed Spondylodesis

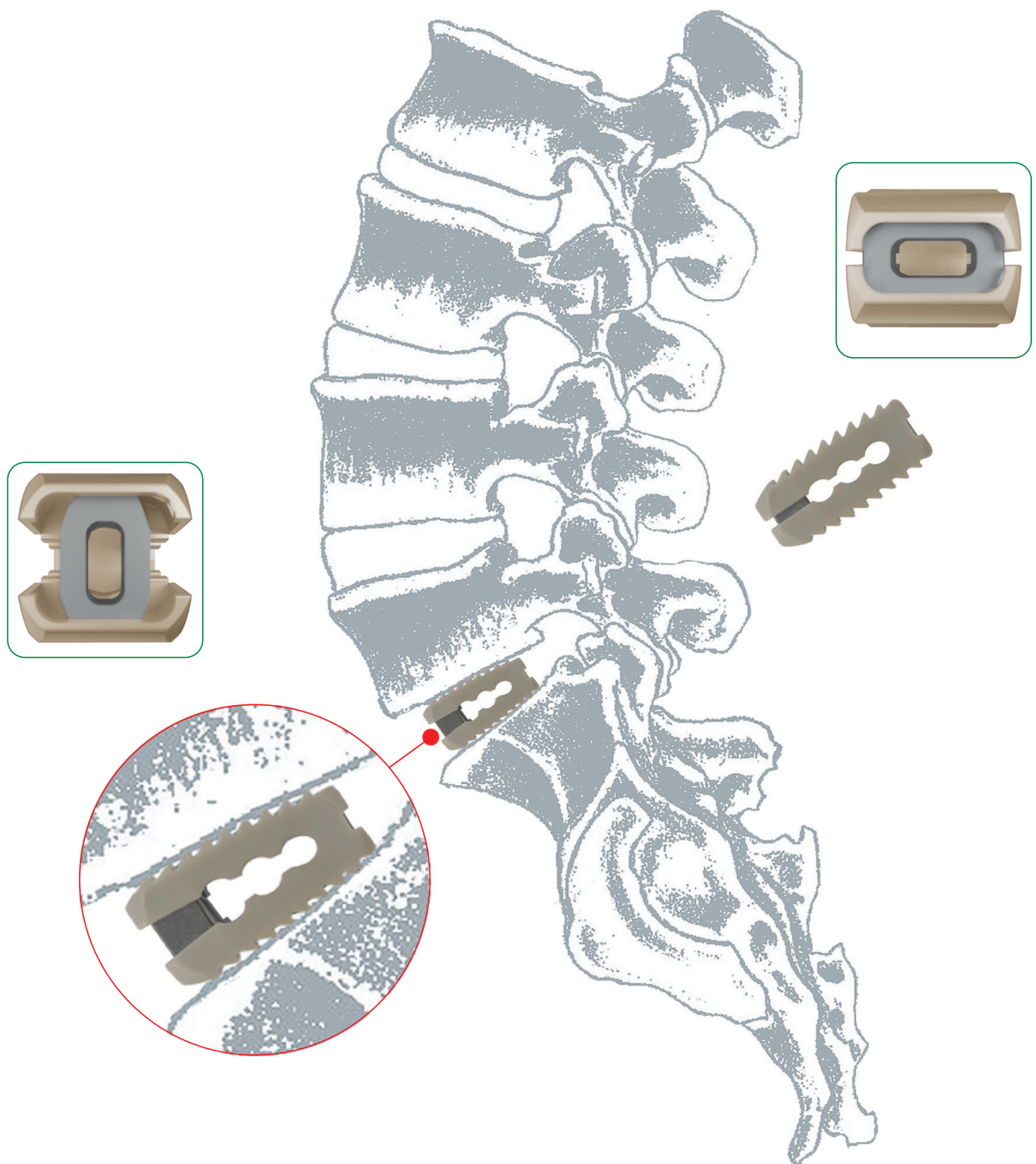
Additional posterior fixation with a pedicle screw system is required.



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Contraindications

- Severe Osteoporosis
- Unstable Burst Fractures and Compression Fractures
- Destructive Tumors
- Involvement of 3 or More Levels
- Acute Infections
- Extensive Peridural Scarring



A SINGLE QUARTER TURN EXPANDABLE PLIF CAGE

EP™ Cage & VariAn™ Cage Competitive Advantage

Accurate and Secure Anchoring

- In closed position, the bullet nosed anterior shape allows easy and accurate insertion to the desired position with less chance of damaging the bony cortex.
- In expanded position, achieved by a simple quarter-turn rotation, the cages provide improved fixation through better surface contact. Stable fixation improves chances of lumbar fusion.

Natural Lordosis

- When fully expanded, it offers lordotic angles of 8° to 10° to promote a natural lordosis.

Efficiency of Bone Graft

- Promotes early and efficient bony ingrowths by providing a large uniform graft space where adequate graft material can be neatly and completely packed.

Simplified Instrumentation

- Same instrument used to insert device, insert graft material in-situ, and expand device in-situ.

Minimized Procedure Time

- Operation time is minimized as a result of simplified instrumentation.

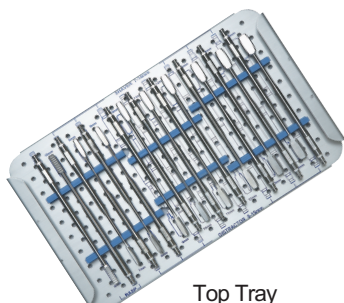
Easy Retraction and Removal

- Can be easily retrieved by reattaching insertion instrument, rotating 90° counterclockwise, and pulling out implant.

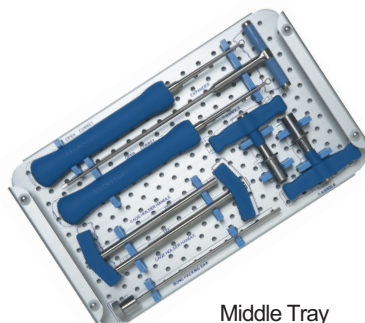
Multiple Cage Dimensions

- Available in height starting from 8mm to 15mm and length of 24mm, 27mm, and 30mm.

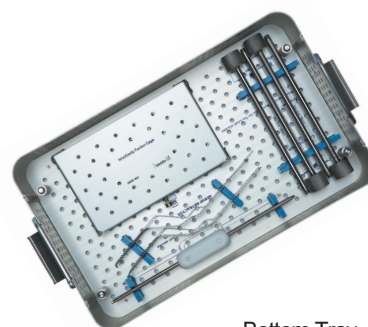
EP™ Cage & VariAn™ Cage Instrument List



Top Tray



Middle Tray



Bottom Tray



Modular T-Holder NGTH-001



Open Curette
6mm Small NGOC-006
8mm Large NGOC-008

Modular Curette is Available Upon Request



Modular Shavers
7mm NGSV-007, 8mm NGSV-008
9mm NGSV-009, 10mm NGSV-010
11mm NGSV-011, 12mm NGSV-012
13mm NGSV-013, 14mm NGSV-014



Modular Distractors
8mm NGDT-008, 9mm NGDT-009
10mm NGDT-010, 11mm NGDT-011
12mm NGDT-012, 13mm NGDT-013
14mm NGDT-014, 15mm NGDT-015



Modular Bone Rasp
8mm Small NGRS-008
10mm Large NGRS-010



Nerve Retractor
Small NGNR-S01
Large NGNR-L01



Bone Packing Bar NVEP-002



End Cap Driver NVED-001

Expandable Cage Holder Set



Cage Holder, Locking Bar
and Rotator as one set



End Plate Rotator NVPR-001



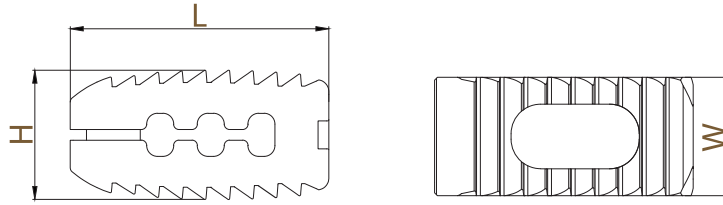
Cage Locking Bar
7mm NVEL-007
8mm NVEL-008 - for VariAn™ Cage only



Cage Holder NVEH-001



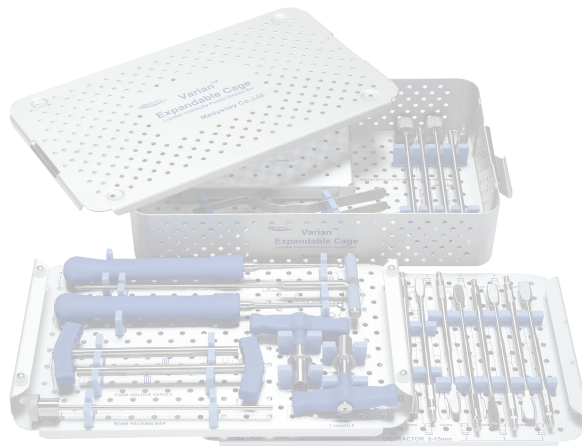
EP™ Cage & VariAn™ Cage Product List



H:Height L:Length W:Width

Product Code		Specification		
EP™ Cage	VariAn™ Cage	Height (mm)	Width (mm)	Length (mm)
-	VB-0912M	8	11	24
EP-A0924	VB-1013M	9	11	24
EP-A1024	VB-1114M	10	11	24
EP-B1124	VB-1215M	11	11	24
EP-B1224	VB-1316M	12	11	24
EP-B1324	VB-1417M	13	11	24
EP-B1424	VB-1518M	14	11	24
-	VB-0912L	8	11	27
-	VB-1013L	9	11	27
EP-A1027	VB-1114L	10	11	27
EP-B1127	VB-1215L	11	11	27
EP-B1227	VB-1316L	12	11	27
EP-B1327	VB-1417L	13	11	27
EP-B1427	VB-1518L	14	11	27
EP-B1527	-	15	11	27

■ Other Sizes Available Upon Request as Special Order





At the Helm of Medical Technology™

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by U.S. Patent Numbers : US6.723.128.B2

by Japan Patent Numbers : 3148465

as well as other pending U.S. and foreign patent applications.