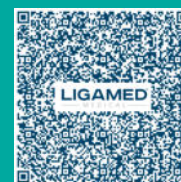


LIGAMED[®]
— MEDICAL —

 **biomech**[®]



A hand holding a pen, with a teal arrow pointing down at the bottom center.

Creative, Permanent Solutions

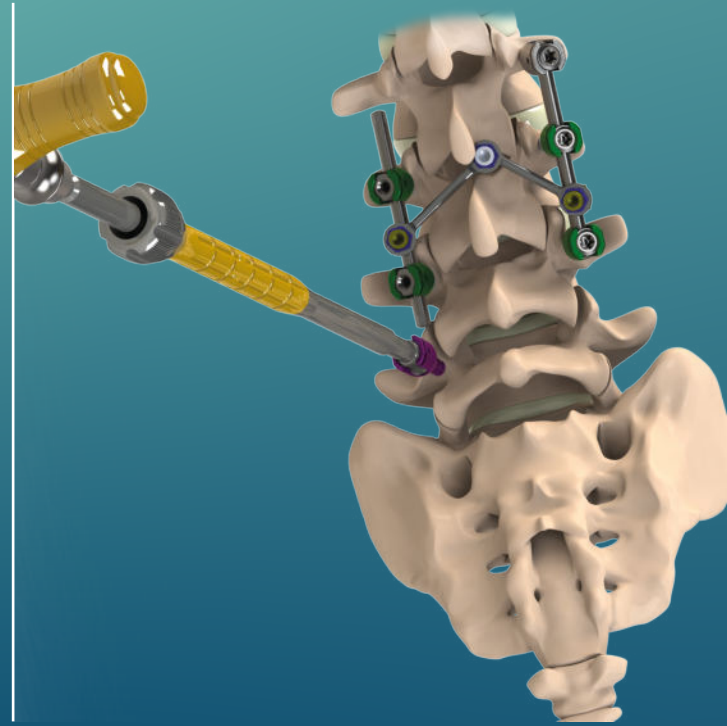


Ligamed Medical Supplies Industry and Trade Co. Ltd. operates under the brand Biomech and Medbionic as designer, manufacturer and seller of spinal surgery implants. Our product portfolio consists of “Thoracolumbar Stabilization System”, “Cervical Cage & Prosthesis System”, “Lumbar Cage System”, “Anterior Cervical Plate System”, “Posterior Cervical System” and “Corpectomy Mesh System”.

In our catalogue, we present our innovative implants, surgical instruments and set structures that exist in Spine Systems, to our valued business partners and users.



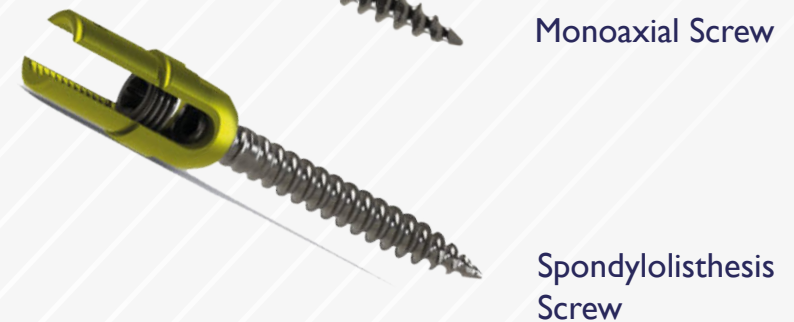
THORACOLUMBAR STABILIZATION SYSTEM



SPINAL STABILIZATION SCREWS

(POLYAXIAL – MONOAXIAL – SPONDYLOLISTHESIS – CANNULATED)

- Polyaxial and Spondylolisthesis screws enable screw angulations up to $\pm 27, 22$ degrees.
- With their double grooved and double diameter features, pedicle screws are highly resistant to loosening. Besides, it helps its user for faster and more controlled implantation.
- They are flexible enough to be implanted wherever needed.
- Color coding enables to differentiate between screw sizes.
- A specific thread structure is used to increase the compatibility of screw body and the locking screw (nut). Thus, pedicle screw, rod and locking screw can grip more safely.
- There are many screw sizes for different anatomies. The diameters of the screws; these are 4.5 - 5.5 - 6.0- 6.2 - 6.5 - 7.0 - 7.5 mm.



Product Name	Reference Number
BIOMECH MONOAXIAL STABILIZATION SCREW 6,2X55	I201.0006255
BIOMECH MONOAXIAL STABILIZATION SCREW 6,2X60	I201.0006260
BIOMECH MONOAXIAL STABILIZATION SCREW 6,5X20	I201.0006520
BIOMECH MONOAXIAL STABILIZATION SCREW 6,5X25	I201.0006525
BIOMECH MONOAXIAL STABILIZATION SCREW 6,5X30	I201.0006530
BIOMECH MONOAXIAL STABILIZATION SCREW 6,5X35	I201.0006535
BIOMECH MONOAXIAL STABILIZATION SCREW 6,5X40	I201.0006540
BIOMECH MONOAXIAL STABILIZATION SCREW 6,5X45	I201.0006545
BIOMECH MONOAXIAL STABILIZATION SCREW 6,5X50	I201.0006550
BIOMECH MONOAXIAL STABILIZATION SCREW 6,5X55	I201.0006555
BIOMECH MONOAXIAL STABILIZATION SCREW 6,5X60	I201.0006560
BIOMECH MONOAXIAL STABILIZATION SCREW 7,0X20	I201.0007020
BIOMECH MONOAXIAL STABILIZATION SCREW 7,0X25	I201.0007025
BIOMECH MONOAXIAL STABILIZATION SCREW 7,0X30	I201.0007030
BIOMECH MONOAXIAL STABILIZATION SCREW 7,0X35	I201.0007035
BIOMECH MONOAXIAL STABILIZATION SCREW 7,0X40	I201.0007040
BIOMECH MONOAXIAL STABILIZATION SCREW 7,0X45	I201.0007045
BIOMECH MONOAXIAL STABILIZATION SCREW 7,0X50	I201.0007050
BIOMECH MONOAXIAL STABILIZATION SCREW 7,0X55	I201.0007055
BIOMECH MONOAXIAL STABILIZATION SCREW 7,0X60	I201.0007060
BIOMECH MONOAXIAL STABILIZATION SCREW 7,5X20	I201.0007520
BIOMECH MONOAXIAL STABILIZATION SCREW 7,5X25	I201.0007525
BIOMECH MONOAXIAL STABILIZATION SCREW 7,5X30	I201.0007530
BIOMECH MONOAXIAL STABILIZATION SCREW 7,5X35	I201.0007535
BIOMECH MONOAXIAL STABILIZATION SCREW 7,5X40	I201.0007540
BIOMECH MONOAXIAL STABILIZATION SCREW 7,5X45	I201.0007545
BIOMECH MONOAXIAL STABILIZATION SCREW 7,5X50	I201.0007550
BIOMECH MONOAXIAL STABILIZATION SCREW 7,5X55	I201.0007555
BIOMECH MONOAXIAL STABILIZATION SCREW 7,5X60	I201.0007560
BIOMECH MONOAXIAL STABILIZATION SCREW 8,0X20	I201.0008020
BIOMECH MONOAXIAL STABILIZATION SCREW 8,0X25	I201.0008025
BIOMECH MONOAXIAL STABILIZATION SCREW 8,0X30	I201.0008030
BIOMECH MONOAXIAL STABILIZATION SCREW 8,0X35	I201.0008035
BIOMECH MONOAXIAL STABILIZATION SCREW 8,0X40	I201.0008040
BIOMECH MONOAXIAL STABILIZATION SCREW 8,0X45	I201.0008045

Product Name	Reference Number
BIOMECH MONOAXIAL STABILIZATION SCREW 8,0X50	I201.0008050
BIOMECH MONOAXIAL STABILIZATION SCREW 8,0X55	I201.0008055
BIOMECH MONOAXIAL STABILIZATION SCREW 8,0X60	I201.0008060
BIOMECH MONOAXIAL STABILIZATION SCREW 8,5X20	I201.0008520
BIOMECH MONOAXIAL STABILIZATION SCREW 8,5X25	I201.0008525
BIOMECH MONOAXIAL STABILIZATION SCREW 8,5X30	I201.0008530
BIOMECH MONOAXIAL STABILIZATION SCREW 8,5X35	I201.0008535
BIOMECH MONOAXIAL STABILIZATION SCREW 8,5X40	I201.0008540
BIOMECH MONOAXIAL STABILIZATION SCREW 8,5X45	I201.0008545
BIOMECH MONOAXIAL STABILIZATION SCREW 8,5X50	I201.0008550
BIOMECH MONOAXIAL STABILIZATION SCREW 8,5X55	I201.0008555
BIOMECH MONOAXIAL STABILIZATION SCREW 8,5X60	I201.0008560
BIOMECH MONOAXIAL STABILIZATION SCREW 8,5X65	I201.0008565
BIOMECH MONOAXIAL STABILIZATION SCREW 8,5X70	I201.0008570
BIOMECH MONOAXIAL STABILIZATION SCREW 8,5X75	I201.0008575
BIOMECH MONOAXIAL STABILIZATION SCREW 8,5X80	I201.0008580

RODS & LOCKING SCREW



Titanium Rods



Chromium-Cobalt Rods



Dynamic Rods



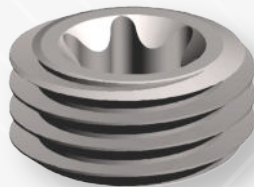
Peek Rods



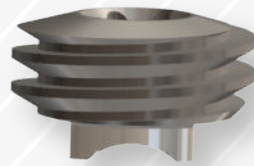
Pre - Bend Peek Rods



Long Locking Screw



Locking Screw



Grooved Locking Screw

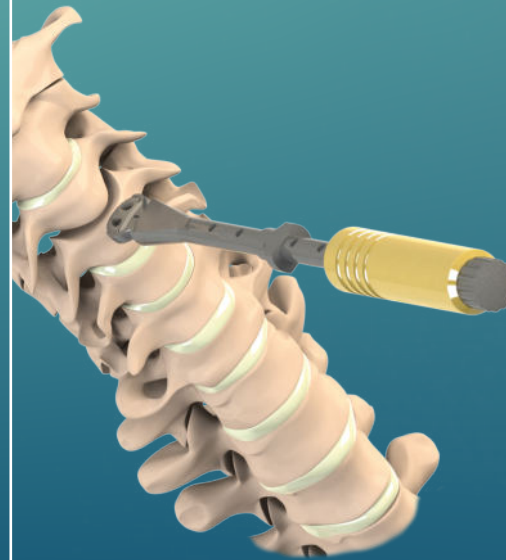
Rods

- Titanium alloy rods “Ti6Al4V-ELI, grade 5”, Chromium-Cobalt alloy rods “Cr-Co-Mo”, PEEK and Dynamic Rods that are used for dynamic stabilization
- They provide optimum load distribution
- Rod diameters are 5.5 mm
- Rod lengths vary between 45 mm and 600 mm

Locking Screws

- Three different types
- It locks the movement mechanism
- A special thread profile (reverse angle) is applied to the locking screw, for a tighter hold and stabilization.

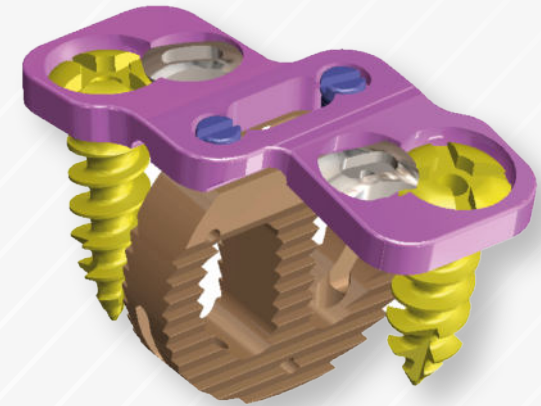
CERVICAL CAGE & PROSTHESIS SYSTEM



CERVICAL PEEK CAGE WITH PLATE

Cervical Peek Cage is manufactured from PEEK and Titanium material which is compatible with MRI and CT. Does not allow any lesional problems. It's implanted from anterior approach using Smith-Robinson technique. Through it's toothed surface feature which facilitates a strong fixation by superior and inferior area, any additional implantation such as plate is not necessary. Determination of appropriate size through trials and implantation with only one instrument offer an easy application and advantage of time saving the user.

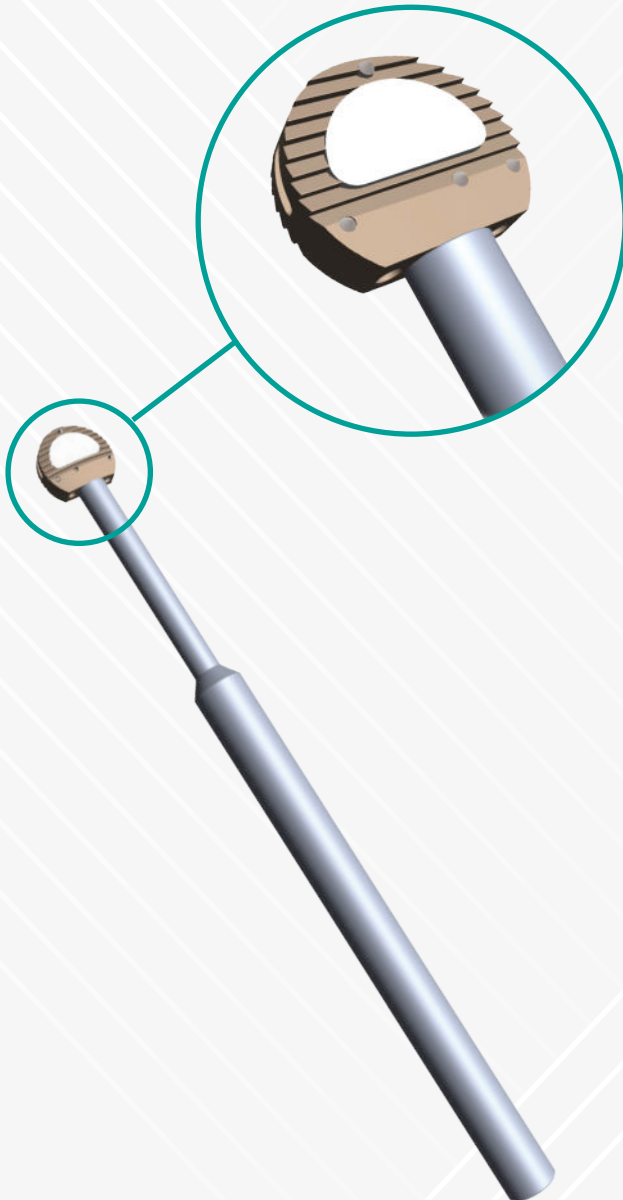
- The areas of the cages in contact with the corpus are serrated and make it easy to hold
- The cages are perforated and designed to be filled with bone grafts
- The large surface of the cage contacts the corpus and prevents it from collapsing
- There are cage sizes for different anatomies. The sizes of the cages; it is between 4 mm and 10 mm



Cervical Peek Cage
With Plate

Product Name	Reference Number
BIOMECH CERVICAL INTERBODY CAGE, RIGID, PEEK, WITH TITANIUM PLATE 4,0X14X12 MM	1007.0401412 NS
BIOMECH CERVICAL INTERBODY CAGE, RIGID, PEEK, WITH TITANIUM PLATE 4,0X16X14 MM	1007.0401614 NS
BIOMECH CERVICAL INTERBODY CAGE, RIGID, PEEK, WITH TITANIUM PLATE 4,5X14X12 MM	1007.0451412 NS
BIOMECH CERVICAL INTERBODY CAGE, RIGID, PEEK, WITH TITANIUM PLATE 4,5X16X14 MM	1007.0451614 NS
BIOMECH CERVICAL INTERBODY CAGE, RIGID, PEEK, WITH TITANIUM PLATE 5,0X14X12 MM	1007.0501412 NS
BIOMECH CERVICAL INTERBODY CAGE, RIGID, PEEK, WITH TITANIUM PLATE 5,0X16X14 MM	1007.0501614 NS
BIOMECH CERVICAL INTERBODY CAGE, RIGID, PEEK, WITH TITANIUM PLATE 5,5X14X12 MM	1007.0551412 NS
BIOMECH CERVICAL INTERBODY CAGE, RIGID, PEEK, WITH TITANIUM PLATE 5,5X16X14 MM	1007.0551614 NS
BIOMECH CERVICAL INTERBODY CAGE, RIGID, PEEK, WITH TITANIUM PLATE 6,0X14X12 MM	1007.0601412 NS
BIOMECH CERVICAL INTERBODY CAGE, RIGID, PEEK, WITH TITANIUM PLATE 6,0X16X14 MM	1007.0601614 NS
BIOMECH CERVICAL INTERBODY CAGE, RIGID, PEEK, WITH TITANIUM PLATE 6,2X14X12 MM	1007.0621412 NS
BIOMECH CERVICAL INTERBODY CAGE, RIGID, PEEK, WITH TITANIUM PLATE 6,2X16X14 MM	1007.0621614 NS
BIOMECH CERVICAL INTERBODY CAGE, RIGID, PEEK, WITH TITANIUM PLATE 6,5X14X12 MM	1007.0651412 NS
BIOMECH CERVICAL INTERBODY CAGE, RIGID, PEEK, WITH TITANIUM PLATE 7,0X14X12 MM	1007.0701412 NS
BIOMECH CERVICAL INTERBODY CAGE, RIGID, PEEK, WITH TITANIUM PLATE 7,0X16X14 MM	1007.0701614 NS
BIOMECH CERVICAL INTERBODY CAGE, RIGID, PEEK, WITH TITANIUM PLATE 8,0X14X12 MM	1007.0801412 NS
BIOMECH CERVICAL INTERBODY CAGE, RIGID, PEEK, WITH TITANIUM PLATE 8,0X16X14 MM	1007.0801614 NS
BIOMECH CERVICAL INTERBODY CAGE, RIGID, PEEK, WITH TITANIUM PLATE 9,0X14X12 MM	1007.0901412 NS
BIOMECH CERVICAL INTERBODY CAGE, RIGID, PEEK, WITH TITANIUM PLATE 9,0X16X14 MM	1007.0901614 NS
BIOMECH CERVICAL INTERBODY CAGE, RIGID, PEEK, WITH TITANIUM PLATE 10,0X14X12 MM	1007.1001412 NS
BIOMECH CERVICAL INTERBODY CAGE, RIGID, PEEK, WITH TITANIUM PLATE 10,0X16X14 MM	1007.1001614 NS

CERVICAL CAGE WITH GRAFT



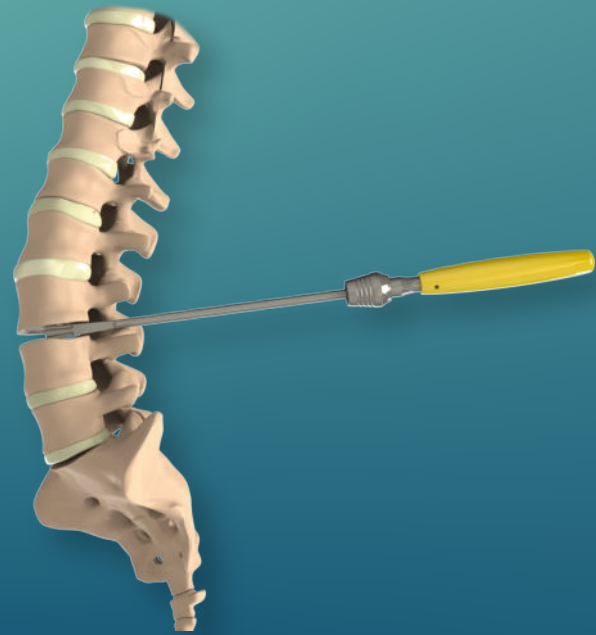
GENERAL DESCRIPTION

Cervical Cage with Graft products consists of an anatomic component compatible with cervical disc anatomy which is made of Polyether Ether Ketone (PEEK), has tantalum marker around it. The upper surfaces of the superior (upper) and inferior (lower) parts of the system are threaded.

The Cervical Cage with Graft has been designed for stabilisation and arthrodesis between the cervical vertebrae. It has different sizes to adapt to the variable morphology of the cervical vertebral region. Cervical Cage with Graft products contain no tissue of human or animal origin therefore carries no risk of disease transmission. Cervical Cage with Graft maintains its architecture and structural integrity for 16-24 weeks after implantation with complete bioresorption of the β -TCP-based Graft occurring between 6-12 months.

Cervical Cage with Graft products are high biocompatibility and they may be imaged better in such radiological examinations as MR, CT, etc. Cervical Cage with Graft products are **ONLY TO BE USED BY OR ON THE ORDER OF A Physician, Surgeon, OR SPECIALIST.**

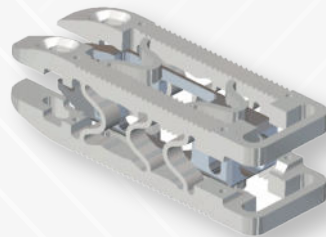
LUMBAR CAGE SYSTEM



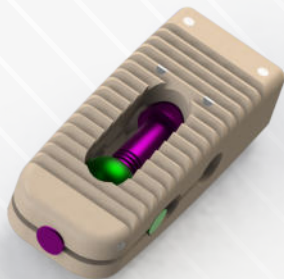
POSTERIOR LUMBAR INTERBODY FUSION (PLIF)



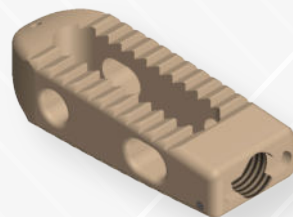
PLIF Titanium Cage



Hybrid Titanium
Expandable



PEEK PLIF
Expandable

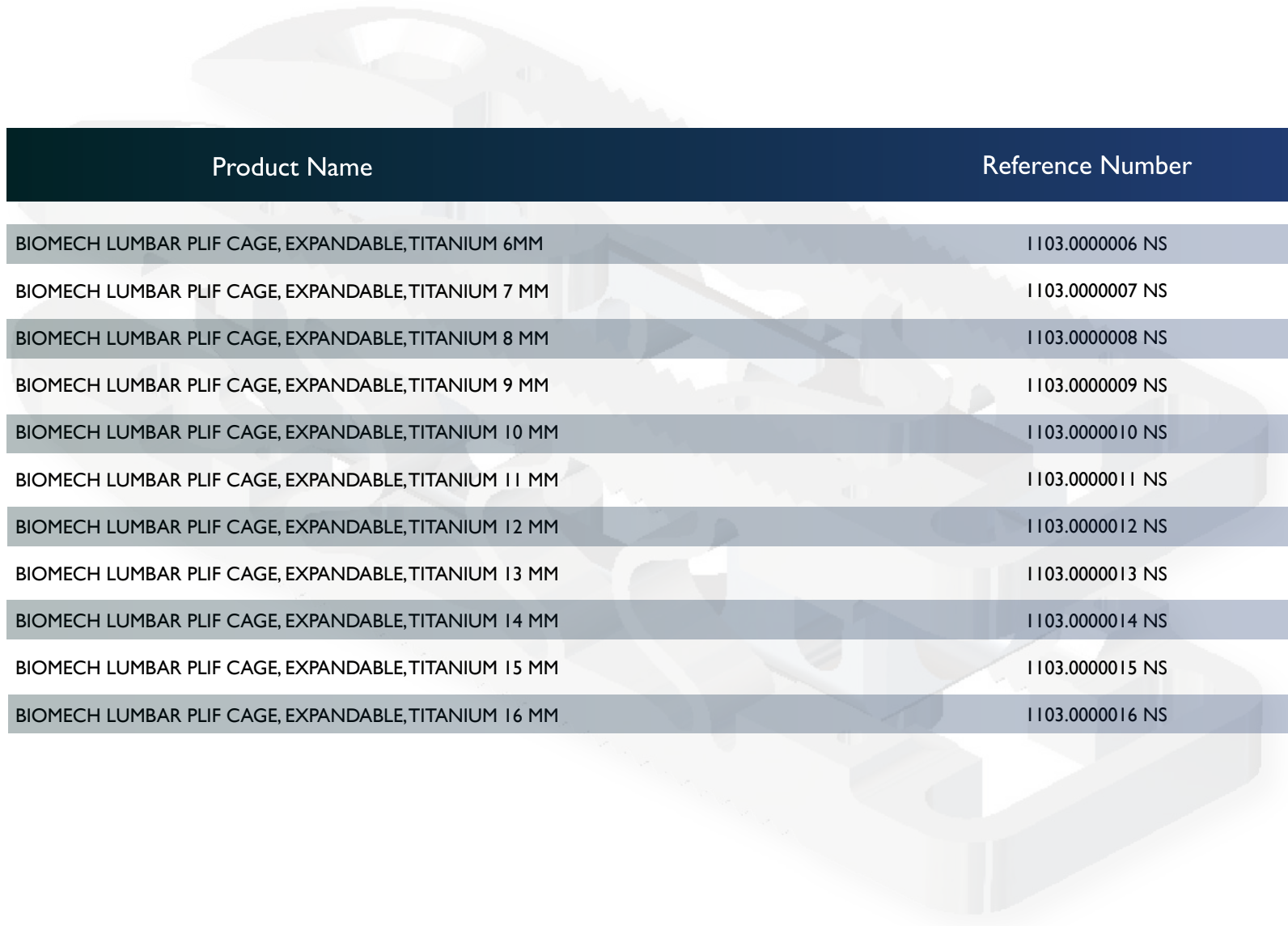


PEEK PLIF

The Posterior Lumbar Interbody Fusion (PLIF) procedure is intended to stabilize the spine by causing bone to grow between the two vertebral bodies, thus limiting motion at that level. PLIF achieves spinal fusion surgery, typically a pedicle screw construct;

Posterior Lumbar Interbody Fusion Cage is manufactured from PEEK and Titanium alloy material which is compatible with MRI and CT. Does not allow any lesional problems. It's implanted from posterior approach for following indications:
Mechanical by superior and inferior area. Through it's grafting spaces, it's possible to reach appropriate fusion by grafting technique.

There are cage sizes for different anatomies. The sizes of the cages; it is between 6 mm and 13 mm.



Product Name	Reference Number
BIOMECH LUMBAR PLIF CAGE, EXPANDABLE, TITANIUM 6MM	1103.0000006 NS
BIOMECH LUMBAR PLIF CAGE, EXPANDABLE, TITANIUM 7 MM	1103.0000007 NS
BIOMECH LUMBAR PLIF CAGE, EXPANDABLE, TITANIUM 8 MM	1103.0000008 NS
BIOMECH LUMBAR PLIF CAGE, EXPANDABLE, TITANIUM 9 MM	1103.0000009 NS
BIOMECH LUMBAR PLIF CAGE, EXPANDABLE, TITANIUM 10 MM	1103.0000010 NS
BIOMECH LUMBAR PLIF CAGE, EXPANDABLE, TITANIUM 11 MM	1103.0000011 NS
BIOMECH LUMBAR PLIF CAGE, EXPANDABLE, TITANIUM 12 MM	1103.0000012 NS
BIOMECH LUMBAR PLIF CAGE, EXPANDABLE, TITANIUM 13 MM	1103.0000013 NS
BIOMECH LUMBAR PLIF CAGE, EXPANDABLE, TITANIUM 14 MM	1103.0000014 NS
BIOMECH LUMBAR PLIF CAGE, EXPANDABLE, TITANIUM 15 MM	1103.0000015 NS
BIOMECH LUMBAR PLIF CAGE, EXPANDABLE, TITANIUM 16 MM	1103.0000016 NS

LUMBAR LATERAL INTERBODY FUSION XLIF CAGE PEEK

GENERAL DESCRIPTION

XLIF Expandable Lumbar Peek Kafes (Cage) system is consisted of components made of PEEK (Polyether Ether Ketone) raw materials compatible with the Lumbar disc anatomy and interconnected by a one-way bridge from the central section.

The upper surfaces of the superior (upper) and inferior (lower) parts of the system are threaded and 4 (four) pins specially made of titanium alloy are placed, thus driving the material into the bony tissue and preventing it from shifting. Also, titanium pins provide great convenience in terms of choosing the area where the material is to be placed.

Expandability of the system is also provided by a distracter (space expander). As the distracter is also a spaced and locked apparatus, it both performs the space expansion as required by the physician and provides safe use of the expander thanks to its locking mechanism while applying this method as well. All these components are supplied in a container (carrying box) and sterile boxes complete with instruments of several different shapes and dimensions.

BIOMECH Expandable Lumbar Cage implants are manufactured of PEEK material due to their high bio-compatibility and to the fact that they may be imaged better in such radiological examinations as MR, CT, etc. FOR USE ON OR BY THE ORDER OF A PHYSICIAN, SURGEON OR SPECIALIST DOCTOR ONLY.



Product Name	Reference Number
BIOMECH NON-STERILE LUMBAR LATERAL INTERBODY FUSION XLIF CAGE, PEEK 8mm-45mm	1112.0000845 NS
BIOMECH NON-STERILE LUMBAR LATERAL INTERBODY FUSION XLIF CAGE, PEEK 8mm-50mm	1112.0000850 NS
BIOMECH NON-STERILE LUMBAR LATERAL INTERBODY FUSION XLIF CAGE, PEEK 8mm-55mm	1112.0000855 NS
BIOMECH NON-STERILE LUMBAR LATERAL INTERBODY FUSION XLIF CAGE, PEEK 8mm-60mm	1112.0000860 NS
BIOMECH NON-STERILE LUMBAR LATERAL INTERBODY FUSION XLIF CAGE, PEEK 10mm-45mm	1112.0001045 NS
BIOMECH NON-STERILE LUMBAR LATERAL INTERBODY FUSION XLIF CAGE, PEEK 10mm-50mm	1112.0001050 NS
BIOMECH NON-STERILE LUMBAR LATERAL INTERBODY FUSION XLIF CAGE, PEEK 10mm-55mm	1112.0001055 NS
BIOMECH NON-STERILE LUMBAR LATERAL INTERBODY FUSION XLIF CAGE, PEEK 10mm-60mm	1112.0001060 NS
BIOMECH NON-STERILE LUMBAR LATERAL INTERBODY FUSION XLIF CAGE, PEEK 12mm-45mm	1112.0001245 NS
BIOMECH NON-STERILE LUMBAR LATERAL INTERBODY FUSION XLIF CAGE, PEEK 12mm-50mm	1112.0001250 NS
BIOMECH NON-STERILE LUMBAR LATERAL INTERBODY FUSION XLIF CAGE, PEEK 12mm-55mm	1112.0001255 NS
BIOMECH NON-STERILE LUMBAR LATERAL INTERBODY FUSION XLIF CAGE, PEEK 12mm-60mm	1112.0001260 NS
BIOMECH NON-STERILE LUMBAR LATERAL INTERBODY FUSION XLIF CAGE, PEEK 14mm-45mm	1112.0001445 NS
BIOMECH NON-STERILE LUMBAR LATERAL INTERBODY FUSION XLIF CAGE, PEEK 14mm-50mm	1112.0001450 NS
BIOMECH NON-STERILE LUMBAR LATERAL INTERBODY FUSION XLIF CAGE, PEEK 14mm-55mm	1112.0001455 NS
BIOMECH NON-STERILE LUMBAR LATERAL INTERBODY FUSION XLIF CAGE, PEEK 14mm-60mm	1112.0001460 NS
BIOMECH NON-STERILE LUMBAR LATERAL INTERBODY FUSION XLIF CAGE, PEEK 16mm-45mm	1112.0001645 NS
BIOMECH NON-STERILE LUMBAR LATERAL INTERBODY FUSION XLIF CAGE, PEEK 16mm-50mm	1112.0001650 NS
BIOMECH NON-STERILE LUMBAR LATERAL INTERBODY FUSION XLIF CAGE, PEEK 16mm-55mm	1112.0001655 NS
BIOMECH NON-STERILE LUMBAR LATERAL INTERBODY FUSION XLIF CAGE, PEEK 16mm-60mm	1112.0001660 NS

CONNECTORS

(TRANSVERSE – MULTIAXIAL – OMNIAxIAL)

Multiaxial Connector

- Locks the movement mechanism with one screw
- Transvers connectors can be angulated and adjusted
- Easy application and locking system
- Fits the rod perfectly and provides strong hold



Transverse Connector (Crosslink)

- Designed for faster and easier connection
- Has a simple clamping system
- Has one-step locking system
- Holds easily and with less effort



Omniaxial Connector

- Easy application and locking system
- Fits the rod perfectly and provides strong hold
- Enables 360° angulation
- Lengths are 40-60-80-100 mm



CONNECTORS

(DOMINO(ROD) – LATERAL – HOOKS)

Domino (Rod Connector)

Found in various configurations, as double side domino and single side domino.



One Side Domino



Double Side Domino



Post Cervical Domino
(Rod Connector)

Lateral Connector

- Accommodates rod attachment of non-linear screws
- Allows for increased angle of screw trajectory
- Accounts for screw height differences



Hooks

There are five hook options: Pedicle Hooks, Laminar Hooks, Poliaxial Hooks, Offset Hooks, Transverse Hooks



Pedicle Hook



Laminar Hook



Poliaxial Hook



Transverse Hook

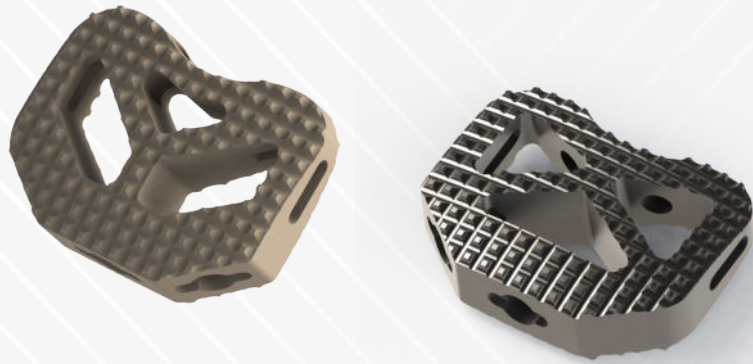
Occipital Plate

Is intended to provide stabilization as an adjunct to fusion of the cervical spine and occipito-cervicothoracic junction (occiput-T3) for the following indications: degenerative disc disease (neck pain of discogenic origin with degeneration of the disc, spondylolisthesis, spinal Osteonosis, fracture/dislocation, atlanto-axial fracture with instability, occipito-cervical dislocation, revision of previous cervical spine fusion surgery and tumors.

The Occipital plate includes a complete set of implants and instruments designed to optimize fixation to the occiput and easily connect with all posterior cervical and thoracic rod-screw systems.



ANTERIOR LUMBAR INTERBODY FUSION (ALIF)



Anterior Lumbar Interbody Fusion (ALIF) alleviates pain through the removal of a damaged or diseased disc through an anterior approach.

This procedure involves the complete removal of the intervertebral disc and the implantation of an interbody fusion device to restore intervertebral height and fuse the vertebral bodies of the affected segment.

Anterior Lumbar Interbody Fusion Cage is manufactured from PEEK and Titanium alloy material which is compatible with MRI and CT.

There are cage sizes for different anatomies. The sizes of the cages; it is between 9,5 mm and 15,5 mm.

ANTERIOR CERVICAL PLATE SYSTEM




ANTERIOR LUMBAR INTERBODY FUSION (ALIF)

Anterior Cervical Plate System consists of mobile and fixed safety screws, plate which provides high strength with low thickness, screws of mobile and fixed bone anchorage.

Blocking system that avoids the anteropulsion of screws are compatible and effective with the plate. The mobile safety screws allow poliaxial angulation of 15°. The fixed safety screws are placed perpendicularly to the plate in order to obtain more solid fixings. The ionically anodized surface avoids friction wearing out and boosts resistance to fatigue. The rounded peripheral rim lowers the aggressiveness of the implant over soft tissues. It provides effective and simple use.

- Improved intraoperative application and various dimension options
- Low profile design with specially designed screw locking
- It has a slim outer appearance (2 mm)
- The size range of the plates is from 14 mm to 100 mm
- There are screws with diameters of 4 mm and 4.5 mm
- Screw lengths vary between 12 mm and 20 mm
- Structure easy to apply.





Product Name	Reference Number
BIOMECH ANTERIOR CERVICAL PLATE 054 MM (3 LEVEL)	1009.000054
BIOMECH ANTERIOR CERVICAL PLATE 057 MM (3 LEVEL)	1009.000057
BIOMECH ANTERIOR CERVICAL PLATE 060 MM (3 LEVEL)	1009.000060
BIOMECH ANTERIOR CERVICAL PLATE 063 MM (3 LEVEL)	1009.000063
BIOMECH ANTERIOR CERVICAL PLATE 066 MM (3 LEVEL)	1009.000066
BIOMECH ANTERIOR CERVICAL PLATE 068 MM (4 LEVEL)	1009.000068
BIOMECH ANTERIOR CERVICAL PLATE 069 MM (4 LEVEL)	1009.000069
BIOMECH ANTERIOR CERVICAL PLATE 072 MM (4 LEVEL)	1009.000072
BIOMECH ANTERIOR CERVICAL PLATE 076 MM (4 LEVEL)	1009.000076
BIOMECH ANTERIOR CERVICAL PLATE 080 MM (4 LEVEL)	1009.000080
BIOMECH ANTERIOR CERVICAL PLATE 084 MM (4 LEVEL)	1009.000084
BIOMECH ANTERIOR CERVICAL PLATE 088 MM (4 LEVEL)	1009.000088
BIOMECH ANTERIOR CERVICAL PLATE 092 MM (4 LEVEL)	1009.000092
BIOMECH ANTERIOR CERVICAL PLATE 096 MM (4 LEVEL)	1009.000096
BIOMECH ANTERIOR CERVICAL PLATE 100 MM (4 LEVEL)	1009.000100

Product Name	Reference Number
BIOMECH ANTERIOR CERVICAL SCREW Ø 4.0X12 MM	1010.0004012
BIOMECH ANTERIOR CERVICAL SCREW Ø 4.0X14 MM	1010.0004014
BIOMECH ANTERIOR CERVICAL SCREW Ø 4.0X16 MM	1010.0004016
BIOMECH ANTERIOR CERVICAL SCREW Ø 4.0X18 MM	1010.0004018
BIOMECH ANTERIOR CERVICAL SCREW Ø 4.0X20 MM	1010.0004020
BIOMECH ANTERIOR CERVICAL SCREW Ø 4.5X12 MM	1010.0004512
BIOMECH ANTERIOR CERVICAL SCREW Ø 4.5X14 MM	1010.0004514
BIOMECH ANTERIOR CERVICAL SCREW Ø 4.5X16 MM	1010.0004516
BIOMECH ANTERIOR CERVICAL SCREW Ø 4.5X18 MM	1010.0004518
BIOMECH ANTERIOR CERVICAL SCREW Ø 4.5X20 MM	1010.0004520



Product Name	Reference Number
BIOMECH ANTERIOR CERVICAL PLATE 014 MM (1 LEVEL)	1009.0000014
BIOMECH ANTERIOR CERVICAL PLATE 016 MM (1 LEVEL)	1009.0000016
BIOMECH ANTERIOR CERVICAL PLATE 018 MM (1 LEVEL)	1009.0000018
BIOMECH ANTERIOR CERVICAL PLATE 020 MM (1 LEVEL)	1009.0000020
BIOMECH ANTERIOR CERVICAL PLATE 024 MM (1 LEVEL)	1009.0000024
BIOMECH ANTERIOR CERVICAL PLATE 028 MM (2 LEVEL)	1009.0000028
BIOMECH ANTERIOR CERVICAL PLATE 030 MM (2 LEVEL)	1009.0000030
BIOMECH ANTERIOR CERVICAL PLATE 032 MM (2 LEVEL)	1009.0000032
BIOMECH ANTERIOR CERVICAL PLATE 034 MM (2 LEVEL)	1009.0000034
BIOMECH ANTERIOR CERVICAL PLATE 036 MM (2 LEVEL)	1009.0000036
BIOMECH ANTERIOR CERVICAL PLATE 040 MM (2 LEVEL)	1009.0000040
BIOMECH ANTERIOR CERVICAL PLATE 044 MM (2 LEVEL)	1009.0000044
BIOMECH ANTERIOR CERVICAL PLATE 048 MM (3 LEVEL)	1009.0000048
BIOMECH ANTERIOR CERVICAL PLATE 051 MM (3 LEVEL)	1009.0000051



Product Name	Reference Number
BIOMECH INTERSPINOUS FUSION DEVICE 8MM	1114.000008
BIOMECH INTERSPINOUS FUSION DEVICE 10MM	1114.000010
BIOMECH INTERSPINOUS FUSION DEVICE 12MM	1114.000012
BIOMECH INTERSPINOUS FUSION DEVICE 14MM	1114.000014
BIOMECH INTERSPINOUS FUSION DEVICE 16MM	1114.000016
BIOMECH NON-STERILE INTERSPINOUS FUSION DEVICE 8MM	1114.000008NS
BIOMECH NON-STERILE INTERSPINOUS FUSION DEVICE 10MM	1114.000010NS
BIOMECH NON-STERILE INTERSPINOUS FUSION DEVICE 12MM	1114.000012NS
BIOMECH NON-STERILE INTERSPINOUS FUSION DEVICE 14MM	1114.000014NS
BIOMECH NON-STERILE INTERSPINOUS FUSION DEVICE 16MM	1114.000016NS

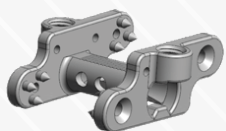
LUMBAR LATERAL INTERBODY FUSION INTERSPINOUS FUSION DEVICE

GENERAL DESCRIPTION

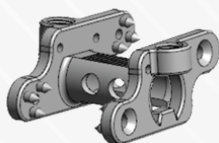
Ligamed Interspinous Fusion Device is a implant that is designed to fit between the spinous processes of the lumbar spine. Consists of a single component with deployable superior and inferior projections that engage the spinous processes to secure it in place. Ligamed Interspinous Fusion Device is provided non-sterile in different sizes.



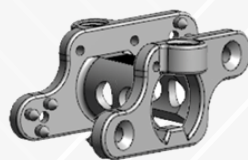
Interspinous Fusion Device is provided as non-sterile and sterile formo in different sizes.



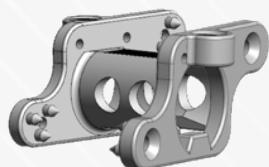
8mm



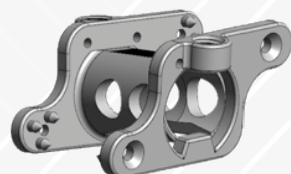
10mm



12mm

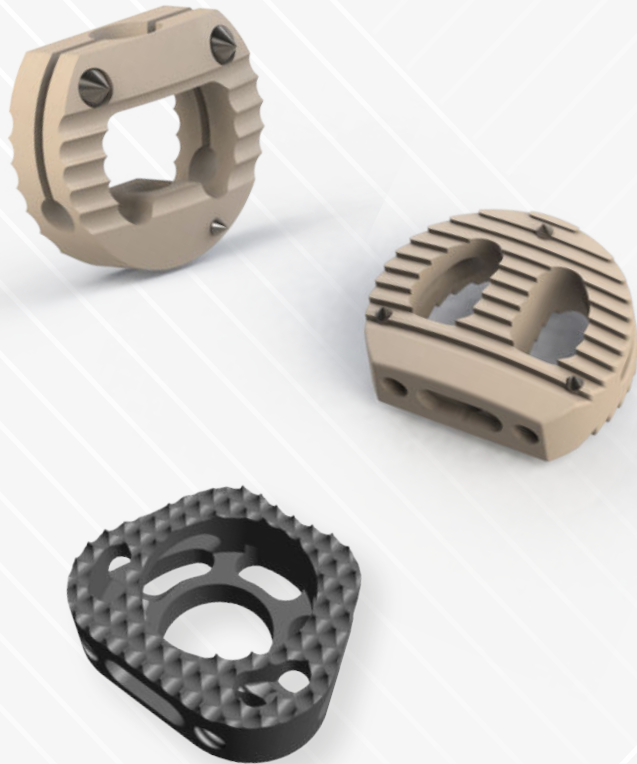


14mm



16mm

CERVICAL CAGE



CERVICAL CAGE

Cervical Peek Cage is manufactured from PEEK and Titanium material which is compatible with MRI and CT.

Does not allow any lesional problems. It's implanted from anterior approach using Smith-Robinson technique. Through its toothed surface feature which facilitates a strong fixation by superior and inferior area, any additional implantation such as plate is not necessary. Determination of appropriate size through trials and implantation with only one instrument offer an easy application and advantage of time saving to the user.

- The areas of the cages in contact with the corpus are serrated and make it easy to hold
- The cages are perforated and designed to be filled with bone grafts
- The large surface of the cage contacts the corpus and prevents it from collapsing
- There are cage sizes for different anatomies. The sizes of the cages; it is between 4 mm and 10 mm

CERVICAL CAGE DISC PROSTHESIS



CERVICAL CAGE DISC PROSTHESIS

- Ti-6Al-4V ELI (ISO 5832-3) Titanium Alloy Material
- Anatomical Design
- High Mobility Single Piece Bridge System
- Special Thread Structure Providing Strong Adhesion
- Special Titanium Sandblasting and Porous Coating
- Roughening Simple Implantation

TRANSFORAMINAL LUMBAR INTERBODY FUSION (TLIF)

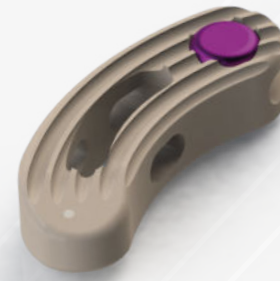
An adaption of the Posterior Lumbar Interbody Fusion (PLIF) procedure, the TLIF technique employs a unilateral approach to the disc space through the intervertebral foramen. Requiring only a partial unilateral facet resection, the TLIF procedure when compared to a PLIF;

- Preserves the laminar arch and contralateral facet
- Avoids bilateral scarring
- Avoids significant dural retraction which may reduce the risk of intraoperative dural tears
- Offers a revision strategy that may not exist with a PLIF due to bilateral scarring

The unique unilateral TLIF approach requires specific implants and instrumentation to facilitate thorough disc space preparation and accurate cage placement.

Transforaminal Lumbar Interbody Fusion is designed as compatible to anatomical constitution at different sizes. It is manufactured from PEEK and Titanium alloy material which is full compatible with body. It allows to obtain full and quick fusion through the slots which are on it's surface. These slots doesn't effect the endurance which cage resists against the pressure caused by body weight. It is fixed to body strongly through the teeth at it's inferior and superior surface.

There are cage sizes for different anatomies. The sizes of the cages; it is between 6 mm and 16 mm.



Peek Tlif (Adjustable)



Peek Tlif (Expandable)

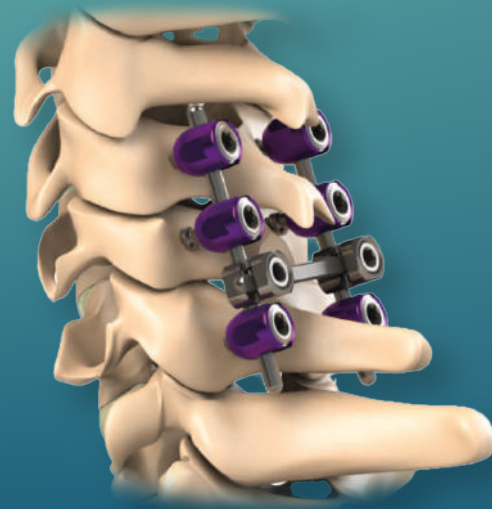


Peek Tlif



Titanium Tlif

POSTERIOR CERVICAL SYSTEM



POSTERIOR CERVICAL SYSTEM

Posterior Cervical Fusion is a procedure intended for the stabilization of the cervical spine through a posterior approach.

The procedure is commonly performed using hooks, plates, screws and rods as an adjunct to the fusion. Posterior Cervical Fusion is performed to treat instabilities which arise from: degenerative disc disease, spondylolisthesis, spinal stenosis, fracture/dislocation, atlantoaxial fractures with instability, occipito-cervical dislocation, revisions of previous cervical spine surgery and tumors.

Posterior Cervical System is an enhanced set of instruments and implants, including variable size screws, hooks, connectors, domino and rods, designed for posterior stabilization of the upper spine. These implants provide the flexibility required to accommodate variations in patient anatomy.

- Completely compatible with the cervical anatomy
- Low profile design and special designed screw locking
- Color anodizing for specifying the different screw diameters
- Suitable lengths and diameters for each level (Many alternative size)
- There are screws with diameters of 3.5 mm and 4.0 mm
- Posterior Cervical System uses 3.5 mm titanium alloy rods.
- Structure easy to apply



Posterior Cervical
Polyaxial Screw



Posterior Cervical Rod

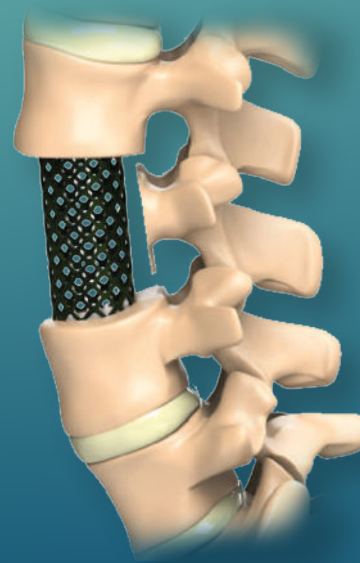


Posterior Cervical
Transverse Connector



Posterior Cervical Domino
(Rod Connector)

CORPECTOMY MESH SYSTEM



CORPECTOMY MESH SYSTEM

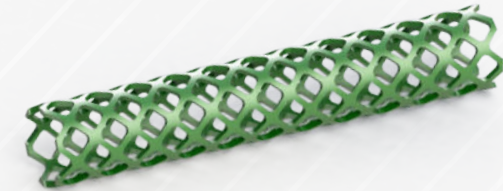
Corpectomy Mesh is a vertebral body replacement device for the cervical, thoracic and lumbar spine. Titanium alloy implants in various footprints and heights enable the surgeon to choose the configuration that is best suited to the patient's individual pathology and anatomy. The mesh may also be trimmed for a custom fit.

The implants can be inserted anteriorly, laterally or anterolaterally.

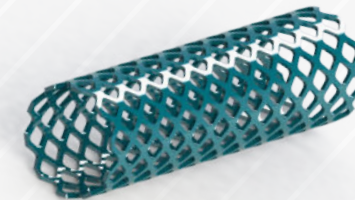
- The round and cylindrical implants are designed to treat defects in the cervical, thoracic and lumbar spine
- Available in a wide variety of diameters, lengths and styles
- Greater strength limits deformation
- Greater thickness provides more surface area coming into contact with host bone
- Less deformation during impaction and even stress distribution
- Less risk of damaging soft tissues
- Smooth insertion
- Easier manipulation into tight spaces
- Provides enhanced imaging and excellent biocompatibility

Indications

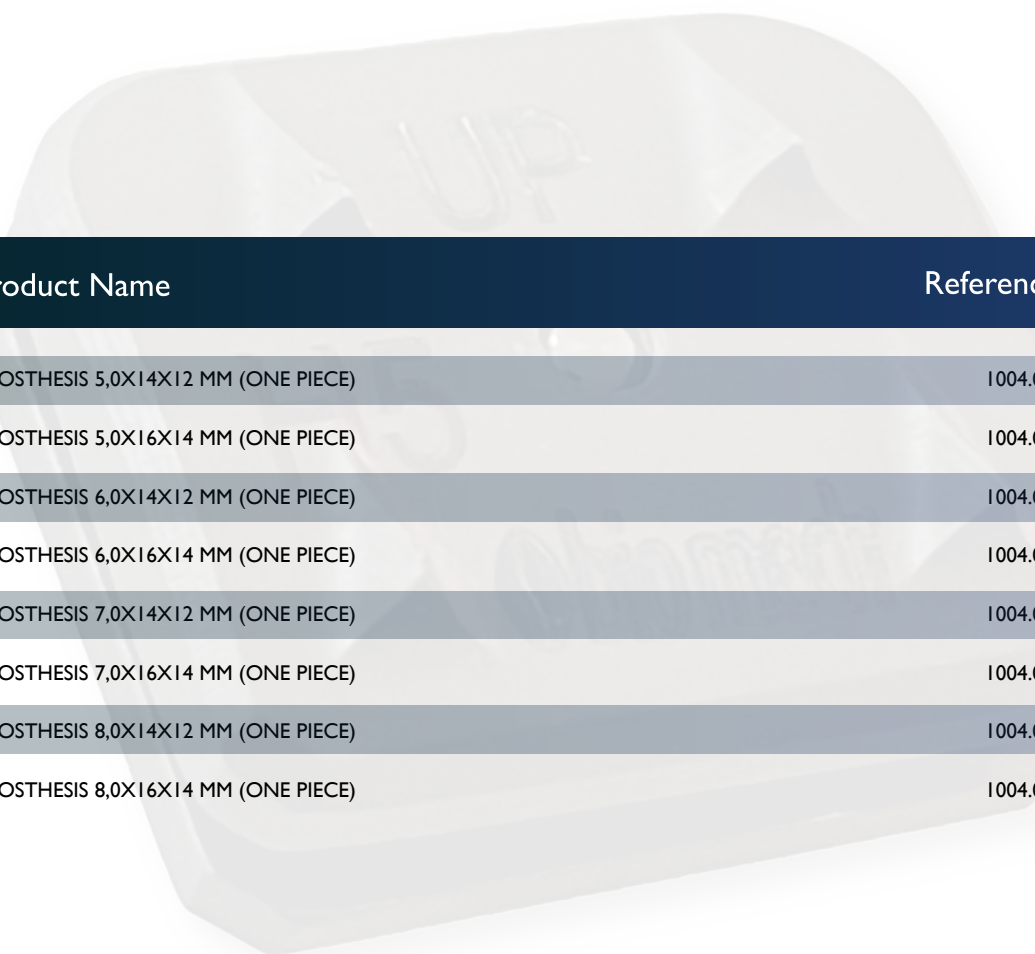
To replace collapsed, damaged or unstable vertebral bodies due to tumour or trauma (e.g. fractures)



Corpectomy Mesh




Corpectomy Profil Mesh



Product Name	Reference Number
BIOMECH CERVICAL DISC PROSTHESIS 5,0X14X12 MM (ONE PIECE)	I004.0501412
BIOMECH CERVICAL DISC PROSTHESIS 5,0X16X14 MM (ONE PIECE)	I004.0501614
BIOMECH CERVICAL DISC PROSTHESIS 6,0X14X12 MM (ONE PIECE)	I004.0601412
BIOMECH CERVICAL DISC PROSTHESIS 6,0X16X14 MM (ONE PIECE)	I004.0601614
BIOMECH CERVICAL DISC PROSTHESIS 7,0X14X12 MM (ONE PIECE)	I004.0701412
BIOMECH CERVICAL DISC PROSTHESIS 7,0X16X14 MM (ONE PIECE)	I004.0701614
BIOMECH CERVICAL DISC PROSTHESIS 8,0X14X12 MM (ONE PIECE)	I004.0801412
BIOMECH CERVICAL DISC PROSTHESIS 8,0X16X14 MM (ONE PIECE)	I004.0801614



Product Name	Reference Number
BIOMECH CERVICAL DISC PROSTHESIS 5,0X14X12 MM (BLADE)	1006.0501412
BIOMECH CERVICAL DISC PROSTHESIS 5,0X16X14 MM (BLADE)	1006.0501614
BIOMECH CERVICAL DISC PROSTHESIS 6,0X14X12 MM (BLADE)	1006.0601412
BIOMECH CERVICAL DISC PROSTHESIS 6,0X16X14 MM (BLADE)	1006.0601614
BIOMECH CERVICAL DISC PROSTHESIS 7,0X14X12 MM (BLADE)	1006.0701412
BIOMECH CERVICAL DISC PROSTHESIS 7,0X16X14 MM (BLADE)	1006.0701614
BIOMECH CERVICAL DISC PROSTHESIS 8,0X14X12 MM (BLADE)	1006.0801412
BIOMECH CERVICAL DISC PROSTHESIS 8,0X16X14 MM (BLADE)	1006.0801614



Product Name	Reference Number
BIOMECH LUMBAR ALIF CAGE, RIGID, PEEK 30mm 24mm 9,5mm	1107.3024095
BIOMECH LUMBAR ALIF CAGE, RIGID, PEEK 30mm 24mm 11,5mm	1107.3024115
BIOMECH LUMBAR ALIF CAGE, RIGID, PEEK 30mm 24mm 13,5mm	1107.3024135
BIOMECH LUMBAR ALIF CAGE, RIGID, PEEK 30mm 24mm 15,5mm	1107.3024155
BIOMECH LUMBAR ALIF CAGE, RIGID, PEEK 38mm 28mm 9,5mm	1107.3824095
BIOMECH LUMBAR ALIF CAGE, RIGID, PEEK 38mm 28mm 11,5mm	1107.3824115
BIOMECH LUMBAR ALIF CAGE, RIGID, PEEK 38mm 28mm 13,5mm	1107.3824135
BIOMECH LUMBAR ALIF CAGE, RIGID, PEEK 38mm 28mm 15,5mm	1107.3824155



Product Name	Reference Number
BIOMECH LUMBAR ALIF CAGE, RIGID, PEEK 30mm 24mm 9,5mm	1107.3024095
BIOMECH LUMBAR ALIF CAGE, RIGID, PEEK 30mm 24mm 11,5mm	1107.3024115
BIOMECH LUMBAR ALIF CAGE, RIGID, PEEK 30mm 24mm 13,5mm	1107.3024135
BIOMECH LUMBAR ALIF CAGE, RIGID, PEEK 30mm 24mm 15,5mm	1107.3024155
BIOMECH LUMBAR ALIF CAGE, RIGID, PEEK 38mm 28mm 9,5mm	1107.3824095
BIOMECH LUMBAR ALIF CAGE, RIGID, PEEK 38mm 28mm 11,5mm	1107.3824115
BIOMECH LUMBAR ALIF CAGE, RIGID, PEEK 38mm 28mm 13,5mm	1107.3824135
BIOMECH LUMBAR ALIF CAGE, RIGID, PEEK 38mm 28mm 15,5mm	1107.3824155

Product Name	Reference Number
BIOMECH CORPECTOMY MESH ø 8 / 80mm	I300.0000880
BIOMECH CORPECTOMY MESH ø9 / 80mm	I300.0000980
BIOMECH CORPECTOMY MESH ø10 / 80mm	I300.0001080
BIOMECH CORPECTOMY MESH ø11 / 80mm	I300.0001180
BIOMECH CORPECTOMY MESH ø12 / 80mm	I300.0001280
BIOMECH CORPECTOMY MESH ø13 / 80mm	I300.0001380
BIOMECH CORPECTOMY MESH ø14 / 80mm	I300.0001480
BIOMECH CORPECTOMY MESH ø15 / 80mm	I300.0001580
BIOMECH CORPECTOMY MESH ø16 / 80mm	I300.0001680
BIOMECH CORPECTOMY MESH ø17 / 80mm	I300.0001780
BIOMECH CORPECTOMY MESH ø18 / 80mm	I300.0001880
BIOMECH CORPECTOMY MESH ø19 / 80mm	I300.0001980
BIOMECH CORPECTOMY MESH ø20 / 80mm	I300.0002080
BIOMECH CORPECTOMY MESH ø21 / 80mm	I300.0002180
BIOMECH CORPECTOMY MESH ø22 / 80mm	I300.0002280
BIOMECH CORPECTOMY MESH ø23 / 80mm	I300.0002380
BIOMECH CORPECTOMY MESH ø24 / 80mm	I300.0002480
BIOMECH CORPECTOMY MESH ø25 / 80mm	I300.0002580
BIOMECH CORPECTOMY PROFIL MESH I3 18mm	I301.0001318
BIOMECH CORPECTOMY PROFIL MESH I6 21mm	I301.0001621