Best FIT with Anatomic Structure

*T Strong fixation by superior and inferior area with threaded surface and two titanium pins

Tį-sentex SPK
cervical

ti- sentex SPK

cervical peek cage

- Not lesion persistent that produced by peek material compatible with MR
- Best fit with anatomic structure
- Tantalum marker
- Implantable with Smith-Robinson Technic
- Strong fixation by superior and inferior area with threaded surface and two titanium pins
Angle for Compatibility with Anatomy*

* Provide saving of time and facility applications method
• Locking blade mechanism
• Tantalum marker
• Threaded surface
• 2 angle for compatibility with anatomy
• Provide saving of time and facility with applications method
• Large graft area
Provide Effective and Simple use*

*Rounded peripheral rim lowers the aggressiveness of the implant over soft tissue*
• Provide high strength with low thickness
• Provide effective and simple use
• Flexible blocking system securely lock screw
• Rounded peripheral rim lowers the aggressiveness of the implant over soft tissue
efficient graft space before distraction*

* Angled inferior and superior area allow a complete contact with vertebral surface and composed by one piece
cervical distrable corpectomy cage

- Manufactured from Titanium Alloys
- Angled inferior and superior area allow a complete contact with vertebral surface and composed by one piece
- Allowing a complete contact with vertebral surface
- Provide a secure fixation with the feature of threaded surface
- Prevent any dislocation
- Efficient grafting space before distraction
- Provide one stage locking mechanism
All screw thread design is the fit for use*. Polyaxial screws that allow high range of angulation, top-loading hooks, transconnectors, lateral connectors and dominos.
• Polyaxial screws that allow high range of angulation, top-loading hooks, transconnectors, lateral connectors and dominos
• All screw thread design is fit for cervical mass
• Movable occipital plate heads to easily accommodate occipital rod
• Lateral mass plate options to maximize OC fixation
Cervical laminoplasty can achieve spinal cord decompression in cases of multi-level myelopathy or myeloradiculopathy due to cervical spondlosis ossification of the posterior longitudinal ligament (OPLL), and similar conditions.
Cervical laminoplasty plate system

- Increase canal space
- Tab allows for secure positioning on the lamina
- Cervical laminoplasty can achieve spinal cord decompression in cases of multi-level myelopathy or myeloradiculopathy due to cervical spondylosis, ossification of the posterior longitudinal ligament (OPLL), and similar conditions.
- Easy-release screwdriver
- 5 plate sizes and two types of screw (self-drilling and rescue screw)
- Color-coded bone screws for easy identification
TIN coating
avoid wear*

Tï-sentex SDP-D

* Faster return to normal activity and elimination of the need for bone graft and associated donor site morbidity
• The physical structure of the device consists of Titanium Alloy inferior and superior pieces.
• Provide saving of time and facility with applications method.
• TiN coating avoid wear.
• Diminish long-term morbidity secondary to adjacent segment degeneration.
• Preservation of normal motion and biomechanics in the previous cervical spine and reduction of adjacent-segment degeneration.
• Faster return to normal activity and elimination of the need for bone graft and associated donor site morbidity.
• Ease of use with peek holder.
comprise titanium endplates with core manufacture from flexible silicone*.

* Allow lateral bending, axial rotations, flexion and extension, shock absorption
ti- sentex SDP-T

cervical silicone disc prosthesis

- Comprise titanium endplates with core manufacture from flexible silicone
- Allow lateral bending, axial rotations, flexion and extension, shock absorption
- This product is one –part so it is a great advantage for ease of use.
- Anatomical structure and high biomechanical performance
- Implantable to replace diseased or bulging disc
- Provide maximum hold
comprise

peek carbon endplates with core manufacture from flexible silicone*

* Avoid artifact with high technology peek carbon material
ti- sentex SDP-C
cervical silicone disc prosthesis

- Comprise peek carbon endplates with core manufacture from flexible silicone
- Avoid artifact with high technology peek carbon material
- Allow lateral bending, axial rotations, flexion and extension, shock absorption
- This product is one-part so it is a great advantage for ease of use.
- Offer MR compatibility
- Anatomical structure and high biomechanical performance with peek carbon material
- Implantable to replace diseased or bulging disc
- Provide maximum hold
Excellent anchoring stability of the implants guarantees lasting safety
• Low-Profile System
• Easy Lock System
• Cylindrical feature Self-Tapping
• 57 degree with polyaxial screws
• Implantable pedicle screws as a Monoaxial and Polyaxial screw
• Designed to minimize soft tissue interaction
• Excellent anchoring stability of the implants guarantees lasting safety
full contact full fusion*

* Full contact, full fusion through unique movable head technology
• Full contact, full fusion through unique movable head technology
• Fit with the anatomy of patient
• Adjustable easily with threaded mechanism
• Adjustable easily with threaded surface
• Include a pre-assembled locking screw which can be engaged after distraction to lock mechanism
• Vertebral body replacement system to replace vertebral body
dual

distractible

* Implanted in according to provide an equal distance simultaneously from inferior and superior

Tï- sentex LKK

* Implanted in according to provide an equal distance simultaneously from inferior and superior
Dual distractible thoracolumbar system
- Manufactured from titanium alloy
- Angled inferior and superior area allow a complete contact with vertebral surface
- Composed by one piece
- Provide a secure fixation with the feature of threaded surface
- Prevent any dislocation
- Provide efficient grafting space
- Implanted in according to provide an equal distance simultaneously from inferior and superior
- Provide one stage locking mechanism
anterior fixation

* Straight Plate, self-locking screws, nuts and washers create a rigid fixation

**Tj-sentex TPS**
• Double Rod System with agrafe joint
• Straight Plate, self-locking screws, nuts and washers create a rigid fixation
• Plate has two different holes which are rounded and elliptical for universal Locking screws and self locking screws
• Single rod system
• Anterior Fixation for thoracolumbar vertebrae
The cage is moved to its final location with minimal effort with movable titanium part.
• The cage and the holder are initially lined up to facilitate entry
• The wedge like profile makes the cage insertion process a straightforward and easy task
• The biocompatibility and mechanical properties are perfectly suited for interbody applications
• The cage is moved to its final location with minimal effort with movable titanium part
• Allow for higher volume of bone grafting material resulting in good bony ingrowth
• Tantalum marker
biconvex profile

* Retaining teeth and biconvex profile prevent implant migration
ti-sentex LPK

* Tantalum marker
* Bulleted anterior profile facilitates cage insertion into the intervertebral space
* Open design of the upper and lower surfaces allows optimum graft surface to improve bone fusion
* Retaining teeth and biconvex profile prevent implant migration
* Revolutionary instrumentation to ensure safety and efficiency during posterior lumbar
increased

* Height can be increased by 1mm at least
ti- sentex LPK-X

plif expandable peek cage

• Do not allow any lesional problems
• Implanted from posterior approach for following indications: Mechanical instability, Spondylolisthesis
• Threaded surface feature facilities a strong fixation by superior and inferior area
• Height can be increased by 1mm at least