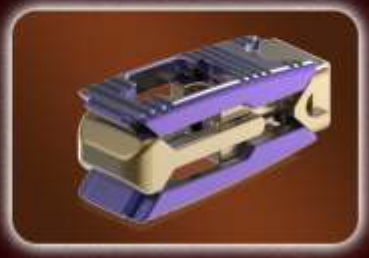
CURE
SURGICALS
we live to... save lives

# SPINE

## PRODUCT BROCHURE






WWW.CURESURGICAL.COM

# INDEX

## SPINE

# ABOUT US


Cure Surgicals has been a leading healthcare solution provider for more than two decades now. Established in the year 2001, we serve a colossal number of customers and have touched the lives of many patients with innovative Healthcare solutions for Spine, Arthroscopy, Orthopedics, Neuroscience, General Surgery & Niche Medical devices.

Strategy, implementation, and value creation have been the three strategic pillars of Cure Surgicals. Based on these we strive to offer the best healthcare solutions by bringing the latest technologies and niche products across India via the strong distribution network.

At Cure Surgicals, we serve surgeons and healthcare professionals, across multiple specialties, provide them with the latest and most advanced medical devices, implants, and surgical instruments that help the surgeons to give better surgical outcomes.

We also engage in training and enhancing the surgical skills of surgeons with new techniques and products under the aegis of Cure Academy. Launched in 2012, Cure Academy has an array of educational programs and courses that aims at the upskilling surgical skill set of medical professionals. Please reach out to us for medical education-related queries at **cureacademy@curesurgical.com**.

We also have a dedicated in-house service center that not only provides the best industry services but also ensures the best customer support. Our team of skilled and trained professionals assists our customers as per their service needs. Please reach out to us for capital equipment services queries at **cureassist@curesurgical.com**

For more information please visit **www.curesurgical.com**

SPINEART

Spineart is a privately held medical device company focused on simplifying the surgical act by designing, developing and promoting safe and efficient solutions to spine surgeons, operating room teams, and patients. Spineart is a pioneer in its field, having introduced unique patented and clinically validated technologies in the fields of Minimally Invasive Surgery, Motion Preservation, Fusion, Biologics, and Fractures Treatment. Spineart markets a complete portfolio combining traceable barcoded sterile packed implants with compact instrument sets, thus proudly promoting greater safety, cost-efficiency, and compliance at the hospital.

SPINEART

# PERLA® TL

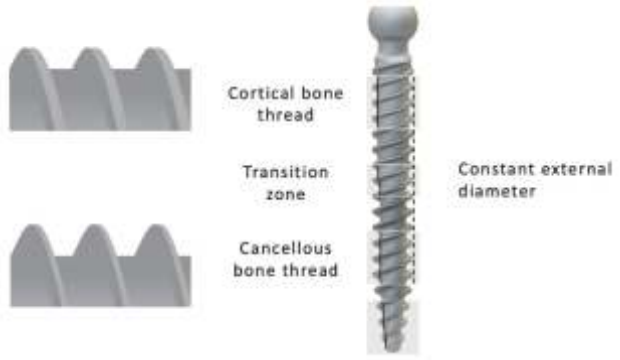
## THORACOLUMBAR FIXATION

THE PERLA®TL thoracolumbar fixation systemis a state-of-the-art solution designed to provide unparalleled stability and support in the treatment of thoracolumbar spine disorders. engineered for precision and reliability, the system offers a comprehensive set of implants and instruments that facilitate secure fixation in both the thoracic and lumbar regions

## KEY FEATURES

### DUAL CORE AND DUAL LEAD THREAD SCREW DESIGN

for an optimized pullout strength and a faster insertion




### BRAND-NEW TOWER REDUCER

with unilateral / bilateral clip-on versions, powerful45mm reduction and quick release for intra-opflexibility

### EXCLUSIVE DEFORMITY-DEDICATED 25D SCREW

with Semi-polyaxiality for a controlled correctionand an easy rod-capture


### NAVIGATION COMPATIBLE

with dedicated instrumentation

SPINEART

# BAGUERA® L

LUMBAR DISC PROSTHESIS

The Spineart Baguera®L Lumbar Disc Prosthesis is a next-generation, motion-preserving solution designed to restore normal lumbar spine function following disc degeneration or discogenic pain. This advanced prosthesis offers a dynamic, anatomically accurate alternative to traditional fusion procedures, providing patients with enhanced mobility and improved quality of life post-surgery.

## KEY FEATURES

### REDUCED MRI ARTIFACT

The titanium plates, coated with Diamond-Like-Carbon (DLC) reduce artifacts under MRI and improve postoperative control.

### MOBILE OR FIXED NUCLEUS

The BAGUERA® L concept allows the surgeon to choose the mobility of the nucleus intraoperatively, without changing the superior or inferior plates. The movement of the nucleus is restricted in respect to rotation movements.


### PRIMARY STABILITY

The porous titanium coating as well as the 5 upper and 5 lower fins, are designed for primary and secondary stability.

### USER FRIENDLY INSERTION

The BAGUERA® L set is composed of one box of specific and intuitive instruments for easy insertion.

# ROMEO®2

## THORACOLUMBAR FIXATION

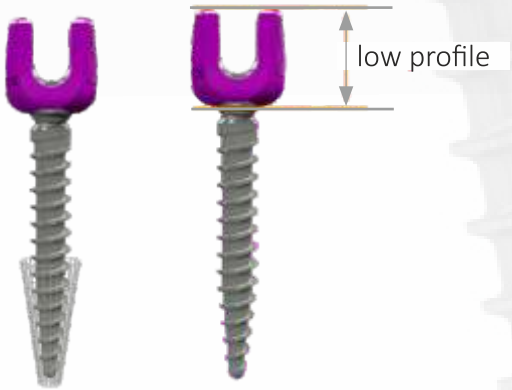
The ROMEO®2 system is intended to provide immobilization and stabilization of spinal segments in skeletally mature patients as an adjunct to fusion in the treatment of the following acute and chronic instabilities or deformities of the thoracic, lumbar, and sacral spine: degenerative disc disease (painful degeneration of the disc), spondylolisthesis, trauma, spinal stenosis, deformities (i.e. scoliosis, kyphosis, or lordosis), tumor and failed previous fusion (pseudarthrosis). The ROMEO®2 system is also indicated for pedicle screw fixation for the treatment of severe spondylolisthesis (grades 3 and 4) of the L5-S1 vertebra in skeletally mature patients.

### COMPLETE TL FIXATION PLATFORM

Complete range of polyaxial, semi-polyaxial, monoaxial, reduction screws, transverse connectors and rod connectors provide versatile options to treat numerous pathologies from T1 to the ilium.

### STREAMLINED SCREW TIP & LOW PROFILE IMPLANTS

The screw tip is designed to allow an effortless and self-centering insertion of the screw. The low profile ROMEO®2 implants are designed to enable an atraumatic implantation and minimize anatomical interference.




### POLYAXIAL HEAD

The 50° polyaxiality of the screw head is designed to tolerate alignment discrepancies. Monoaxial and spondylolisthesis screws are also available.

### COMPACT SET

Only one box of specific and intuitive instruments is needed for degenerative cases.

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# ROMEO®2 25D

## SEMI-POLYAXIAL PEDICLE SCREWS

ROMEO®2 25D semi-polyaxial screw provides the benefits of monoaxial screw for controlled powerful reduction and the versatility of the polyaxial screw for ease of rod connection.
The combination of the ROMEO®2 25D screw with the powerful QR Reducer allows multi-segmental vertebral derotation and 'en bloc' apical derotation maneuvers.

### SEMI-POLYAXIAL SCREWS

25D screws restrict motion to half polyaxial range, combining benefits of polyaxial screws (ease of rod insertion) and monoaxial screws.

### CORONAL AND AXIAL CORRECTION SCREWS

The 25D screw has a specific head design offering a semi polyaxiality. While the polyaxial area eases rod insertion, the locked part helps to manage derotation maneuvers.

### APICAL VERTEBRA DEROTATION

Restricted motion of the 25D screws can be directed medially or laterally, enabling direct rotation of vertebra and allowing a safe and efficient direct or "en bloc"* vertebra rotation.

### DEFORMITY PLATFORM

The ROMEO®2 deformity platform offers dedicated implants and intuitive instruments for the treatment of spinal deformities.

SPINEART

# ROMEO®2 MIS 25S

## SAGITTAL SCREW

## SEMI-POLYAXIAL CANNULATED SCREWS

25S screws restrict motion to half polyaxial range, combining benefits of polyaxial screws and monoaxial screws.

## SAGITTAL PLANE CORRECTION

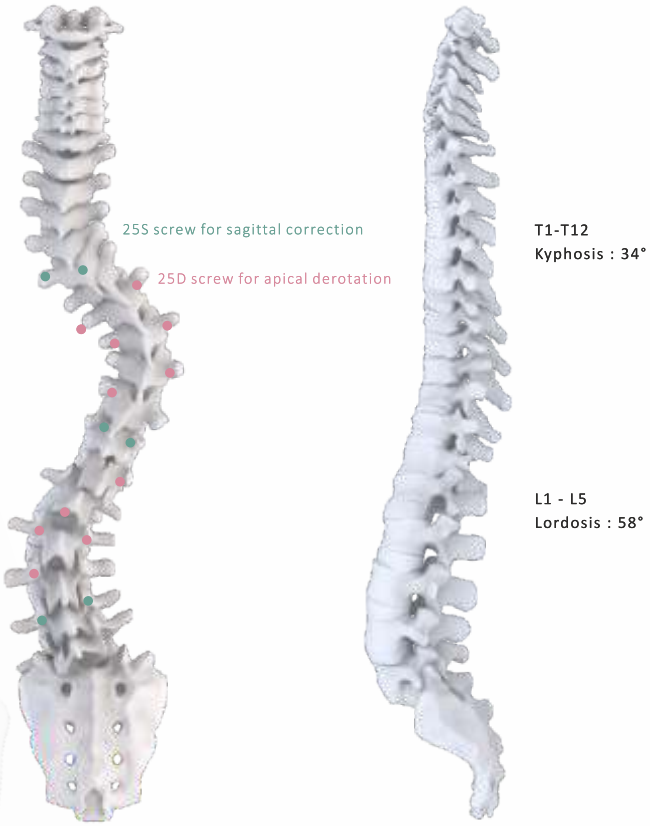
The 25S screws are designed to provide polyaxial freedom in the medial/lateral plane, but restrict motion in the cephalad/caudal plane to facilitate sagittal plane correction maneuvers.

## DIRECT COMPRESSION/ DISTRACTION MANEUVERS

Restricted motion of the 25S screws can be directed cranially or caudally, enabling direct parallel distraction and compression of vertebra.

## IDENTIFICATION OF THE FIXED AREA

The restricted motion side is indicated by a laser etch on the screw head.



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# ROMEO®2
## DEFORMITY SYSTEM

ROD CONNECTOR PARALLEL

ROD CONNECTOR AXIAL

CROSS CONNECTORS /MULTIAXIAL

TRANSVERSE ROD CONNECTORS

ROD CONNECTOR PARALLEL OPEN

CROSS CONNECTORS
TRANSVERSE HOOKS

RODS STRAIGHT HEX TIP
Ø5.4MM

LAMINAR LUMBAR SMALL

LAMINAR LUMBAR
EXTENDED

PEDICULAR

ANGLED LEFT
ANGLED RIGHT

OFFSET LEFT
OFFSET RIGHT

SPINEART

# ROMEO®2 MIS
## CANNULATED PEDICLE SCREW

### K-WIRELESS OPTION

The K-wireless option is designed to reduce intraoperative x-rays and the risk of a K-wire migration by simultaneously reducing the learning curve associated with common MIS techniques.

### STREAMLINED TIP

The screw tip allows for an effortless, self-centering and K-wireless screw insertion.

### MICRO-OPEN AND/OR PERCUTANEOUS APPROACHES

The ROMEO®2 MIS system allows for bilateral, micro-open, pure percutaneous or hybrid approaches to the thoracic junction and lumbar spine.

### SPONDYLOLISTHESIS REDUCTION

The ROMEO®2 MIS system allows for bilateral, progressive, powerful and accurate spondylolisthesis reduction.

# OTELO®MIS

## RADIOLUCENT POSTERIOR RETRACTOR

The Retractor is intended to provide the surgeon with minimally invasive access to the spine by dissection and traction of soft and bony tissue. OTELO® LL Retractor system: Lateral approach. OTELO® MIS and ROMEO®2 MIS Retractor systems : Posterior approach via minimally invasive approach.

### RADIOLUCENT TECHNOLOGY

Carbon fiber and Aluminum blades to improve visibility when using fluoroscopy Black surface to reduce glare.

### SCREW AND BLADE BASED DISTRACTION

2 distraction options to allow access, fusion and fixation through a minimal approach Screw-based distraction provides a parallel and secured method of distraction Ratcheting mechanism allows for an accurate and controlled retraction.

### LATERAL INDEPENDENT BLADES

Lateral blades to eliminate tissue creepage and provide better visibility Allow for medial/lateral independent distraction.

### 3D BLADE ORIENTATION

Free rotation and bending of the blades to increase visualization of the surgical site.

### HIGH STABILITY

Large range of blades will adapt to the natural variations of the spine anatomy Serrated blade to improve the stability.

SPINEART

# ROMEO®PP
## PERFORATED PEDICLE SCREW

## ROMEO® PP PERFORATED SCREW SHANK

The perforations allow for cement injection through the screw shank into the vertebral body to enhance screw purchase in patients with diminished bone quality.

## HOMOGENEOUS CEMENT DELIVERY

Perforations are located on the screw shank to minimize taping effect during screw insertion. 3×3 perforations allow homogeneous cement delivery.

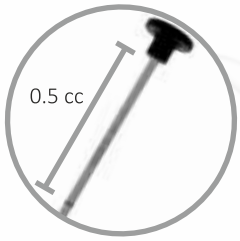
## EFFICIENT CONNECTION

A dedicated cement filler PP has been designed with a high precision interface, and a good fitting area, with the screw. Safe cement delivery, and an efficient connection to PP screws, is ensured.

## SAFE CEMENT INJECTION

The internal geometry was designed according to the principle of fluids mechanics to allow for cement to flow through the perforations and not through the endtip.

Safe Cement Injection




Cement Filler PP

# JULIET® Lumbar Cages

## PO POSTERIOR | TL TRANSFORAMINAL

The JULIET® range is indicated for arthrodesis of the lumbar spine from L2 to S1 in patients with: Degenerative pathology, including symptomatic disc degeneration, recurrent hernia, degenerative spondylolisthesis, Isthmic spondylolisthesis, Lumbar canal and foraminal stenosis.

## JULIET® Ti PO POSTERIOR Ti CAGE

### Ti-LIFE Technology

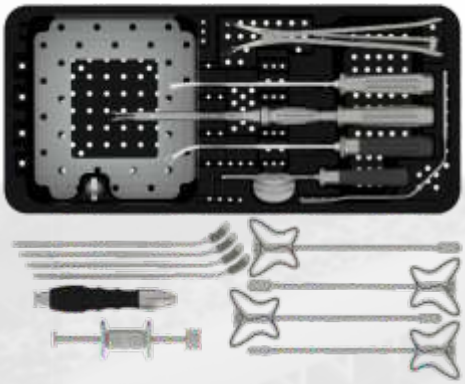
The structure mimics the architecture of trabecular bone and is designed to promote bone ingrowth. This technology is based on a proprietary algorithm combined with a unique additive manufacturing process commonly referred to as 3D printing.

### Optimal Visualization

The JULIET®Ti is designed for reduced overall density to optimize imaging performances.

### Easy & Secure Insertion

The cage features a smooth bullet-shaped self-distracting nose and polished chamfer. This design allows for ease of insertion, enabling distraction of the intervertebral space while mitigating the risk of damaging the endplates, nerve roots and soft tissue.



### Complete Range

JULIET®Ti PO cages are available in a wide range of options, to address various patient anatomies, and surgical approach techniques

## JULIET® PEEK PO/TL POSTERIOR CAGE

### LOAD SHARING CONCEPT

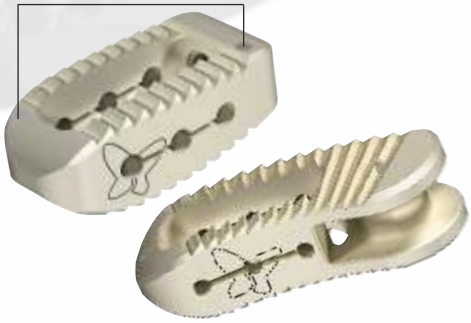
The cage's slits are designed to enhance physiological compression load. This concept is intended to distribute axial load through the cage in order to stress the graft, creating a better environment for fusion.

### MULTIAXIAL IMPLANT HOLDER

The implant holder's locking mechanism enables to change the angle of the device during implantation.

### STREAMLINED AND COMPACT SET

In addition to the TLIF cage compact set, a combo and modular set for PLIF is also available.

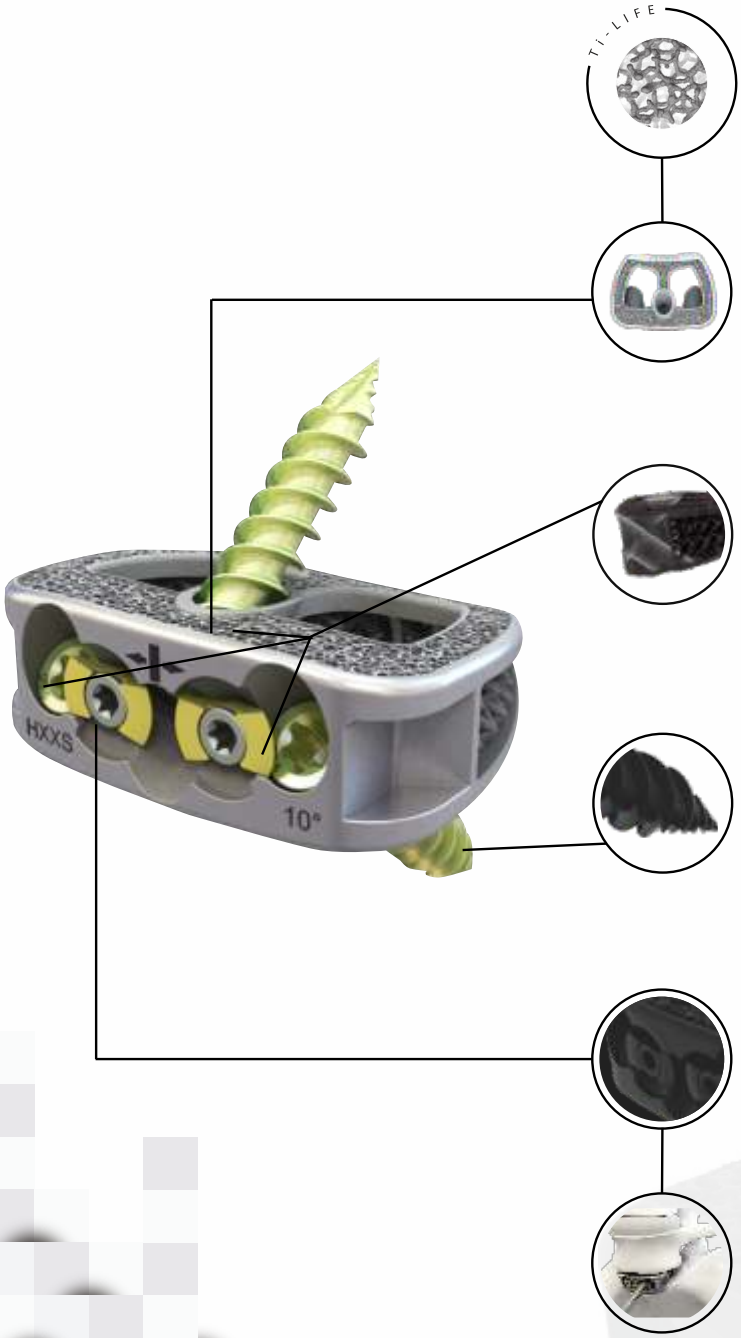



Peek cage

# SCARLET® AL-T

## SECURED LUMBAR ANTERIOR CAGE

The SCARLET® AL-T system is indicated for intervertebral body fusion procedures in skeletally mature patients with degenerative disc disease (DDD) of the lumbar spine at one isolated level from L5-S1. The SCARLET® AL-T Hyperlordotic is indicated at various contiguous levels from L2 to S1. DDD is defined as discogenic back pain with degeneration of the disc confirmed by patient history and radiographic studies. Used with the integrated fixation by the mean of the bone screws provided, the SCARLET® AL-T is a stand-alone system and requires no additional supplemental fixation system.




### Ti-LIFE TECHNOLOGY

The structure mimics the bone trabecular geometry and is designed to allow bone in-growth. This technology is based on a propriety algorithm associated with a unique additive manufacturing process, commonly referred to as 3D printing.

### ZERO PROFILE

The screw heads are completely integrated within the cage. Zero-profile implants may limit the risk of damage to vessels and adjacent soft tissues.

### INTEGRATED SCREW CHANNEL

The 3 SCARLET® AL-T screws are easily inserted into the cage thanks to the 3 channels.

### HIGH PERFORMANCE SCREW

The self-drilling screw design has a very sharp endtip with flutes and quadri threads which ease the insertion in the vertebra.

### ONE STEP CAM LOCK

The zero-profile one-step locking mechanism with pre-assembled cam locks prevent screw migration

Scan QR Code for more details

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# TRYPTIK®MC

## CERVICAL MODULAR CAGE

TRYPTIK® MC is a product intended for use during anterior cervical discectomy with fusion, between C3 to C7, and up to 4 consecutive levels in skeletally mature patients. It is indicated for the surgical treatment of radiculopathy and/or myelopathy, secondary to cervical degenerative disc disease and/or spondylosis in patients that are resistant to conservative management.

## ANATOMICAL SHAPE

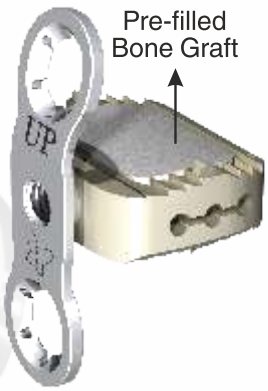
The anatomical shape of the implant allows for an easy insertion and a perfect fit between the vertebral endplates.


## LOAD SHARING CONCEPT

The cage's slits and the plate's oblong holes are designed to enhance physiological compression load. This concept is intended to distribute axial load through the cage in order to stress the graft, creating a better environment for fusion.

## ADJUSTABLE AND REMOVABLE PLATE

The stabilizing plate's free range of motion enables to choose the appropriate anchorage area for the screws and allows for multilevel surgeries. The stabilizing plate can be removed in order to treat dysphagia or postoperative trauma.




## ANTI BACK-OUT SCREWS

The plate's anti back-out screws guarantee an optimal security

SPINEART

# TRYPTIK®CA

## CERVICAL CAGE

TRYPTIK® CA is a product intended for use during anterior cervical discectomy with fusion, between C3 to C7, and up to 4 consecutive levels in skeletally mature patients. It is indicated for the surgical treatment of radiculopathy and/or myelopathy, secondary to cervical degenerative disc disease and/or spondylosis in patients that are resistant to conservative management.

## ANATOMICAL SHAPE

The anatomical shape of the TRYPTIK®CA is designed to facilitate their insertion and to improve the fit between the vertebral endplates .

## LOAD SHARING CONCEPT

The cage's slits are designed to enhance physiological compression load. This concept is intended to distribute axial load through the cage in order to stress the graft, creating a better environment for fusion.

## STABILIZING AND SECURING TEETH AND FINS

The fins of the TRYPTIK®CA are designed to improve the cage's primary stability in the intervertebral space.

## LARGE GRAFT WINDOW

A large window allows for additional bone graft placement.

# SCARLET®AC- T

## SECURED CERVICAL CAGE

SCARLET® AC-T is a product intended for use during anterior cervical discectomy with fusion, between C3 to C7, and up to 2 consecutive levels in skeletally mature patients. It is indicated for the surgical treatment ofRadiculopathy and/or myelopathy, secondary to cervical degenerative disc disease and/or spondylosis, and for patients that are resistant to conservative management.


## SECURED CAGE

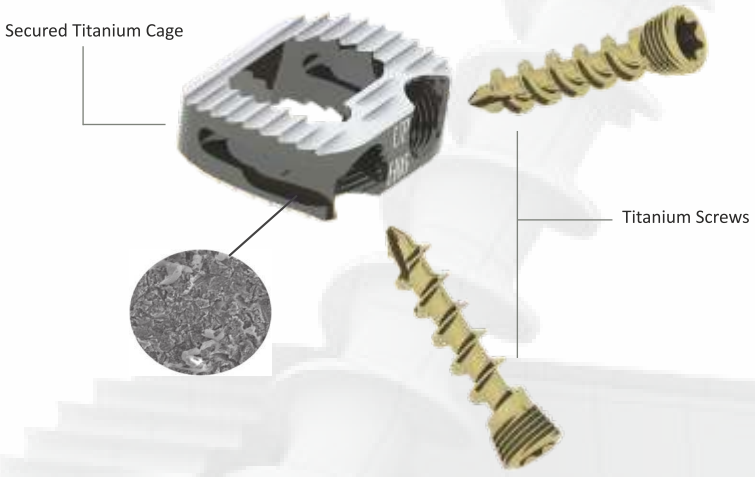
The screws allow stabilization of the device. The screw head is micro-threaded and has a conical shape. This feature secures the screw reducing potential risk of expulsion once locked into the cage.

## ZERO PROFILE

The screw heads are completely integrated in the cage reducing potential risks associated to dysphagia.

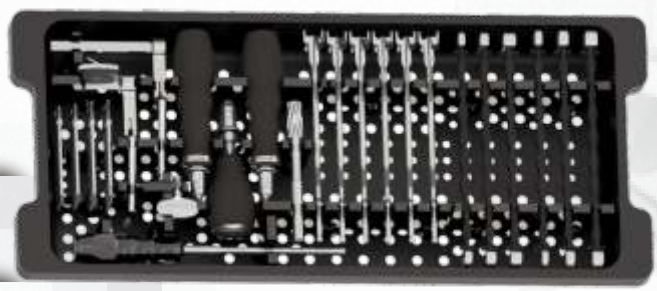
## TITANIUM

The device features a large graft window. The Titanium sandblasted surfaces of the implant facilitate primary stability and osseointegration.




## SIMPLICITY OF USE

The anatomical profile of SCARLET® AC-T system allows for an anatomical fit between endplates.



Scan QR Code for more details

SPINEART

# BAGUERA®C

## CERVICAL DISC PROSTHESIS

BAGUERA® C is a prosthesis intended as a replacement for a cervical intervertebral disc. The BAGUERA® C range is indicated for patient suffering from symptomatic cervical disc disease (SCDD) affecting one level or two adjacent levels between C3 and C7, as defined by signs and symptoms like Neck or arm pain and/or Functional and/or neurological deficit accompanied by at least one conditions confirmed by MRI or X-Ray Herniated nucleus pulposus or Spondylarthrosis defined by the presence of ostheophytes or Reduction of disc height.

## ANATOMICAL DESIGN

The sloping anatomical design of the plates optimizes the fit between the device and the disc space, and maximizes the endplate coverage.

## MRI COMPATIBLE

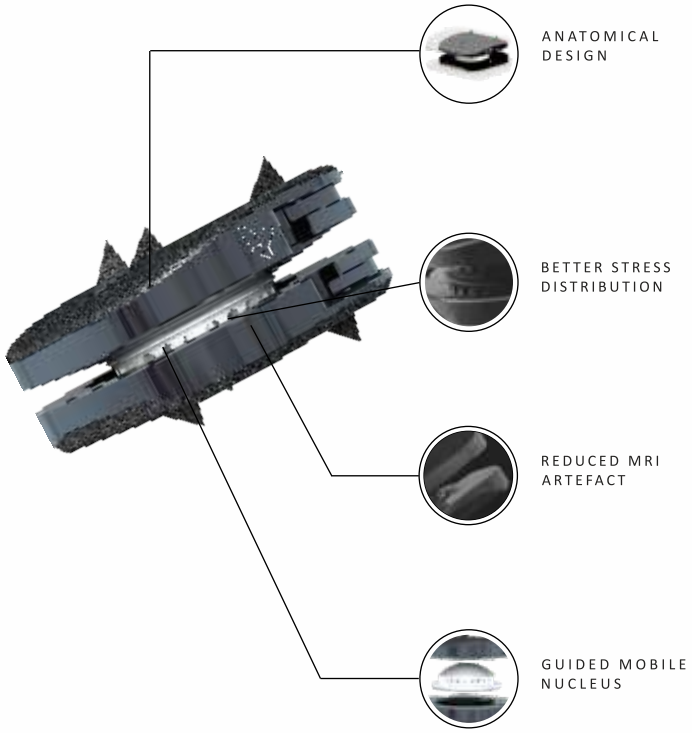
The titanium plates, coated with Diamond-Like-Carbon (DLC) reduce artifacts under MRI for a better postoperative follow-up.

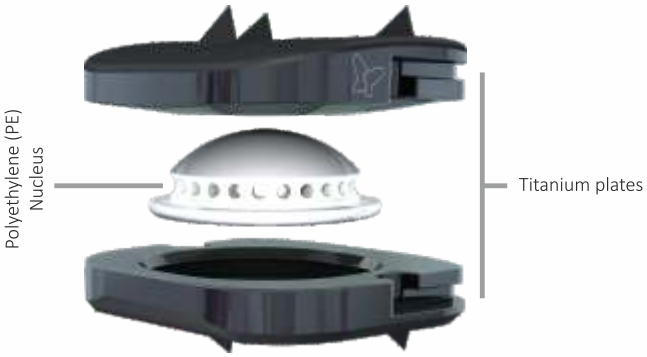
## GUIDED MOBILE NUCLEUS

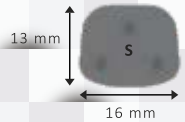
The guided mobile PE nucleus is designed to prevent excessive constraints on the facet joints. It allows 6 degrees of freedom.

## PRE-ASSEMBLED DISC WITH RADIOLUCENT HOLDER

The radiolucent holder allows for both the verification of the anterior position of the device and confirmation of the fitting accuracy. Thanks to this holder, the device is delivered pre-assembled for better handling.

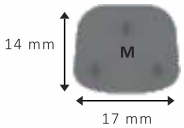


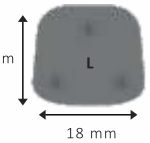

SMALL: 13x16mm

| HEIGHT | REFERENCE |
|---|---|
| 5mm | CDP-TI 13 05-S |
| 6mm | CDP-TI 13 06-S |
| 7mm | CDP-TI 13 07-S |




MEDIUM: 14x17mm

| HEIGHT | REFERENCE |
|---|---|
| 5mm | CDP-TI 14 05-S |
| 6mm | CDP-TI 14 06-S |
| 7mm | CDP-TI 14 07-S |




LARGE: 16x18mm

| HEIGHT | REFERENCE |
|---|---|
| 5mm | CDP-TI 16 05-S |
| 6mm | CDP-TI 16 06-S |
| 7mm | CDP-TI 16 07-S |

GS Medical

GS Medical is a manufacturer and global supplier of spinal implant and instrumentation products. The company's core focus is to develop cost-effective, yet innovative surgical solutions that provide optimal surgical outcomes for the surgeon caregiver and patients alike. The company strives to provide a diverse product offering, including minimally invasive solutions, to meet the needs of the ever-evolving spinal and neurological landscape.

# PULSAR™

EXPANDABLE PLIF CAGE

The Pulsar™ Expandable PLIF Cage is a cutting-edge solution designed to provide optimal spinal stabilization and restore height in patients undergoing posterior lumbar interbody fusion (PLIF) procedures. This innovative implant features a unique expandable design, allowing for precise height restoration and enhanced stability, making it ideal for treating various lumbar pathologies, including degenerative disc disease, spinal deformities, and trauma-related conditions.

## KEY FEATURES

### MINIMAL INSERTION HEIGHT

Inserted at a reduced height starting from 7mm to minimize imported and preserve end plate.

### OPTIMIZED EXPANSION

Up to 5mm expansion to restore the disc height andoptimize the endplate to endplate fit.

### STREAMLINED BONE PACKING

Integrated post bone packing through one inserterto maximize the bone injection to facilitate fusion.

### TRAPEZOIDAL METRIC THREAD

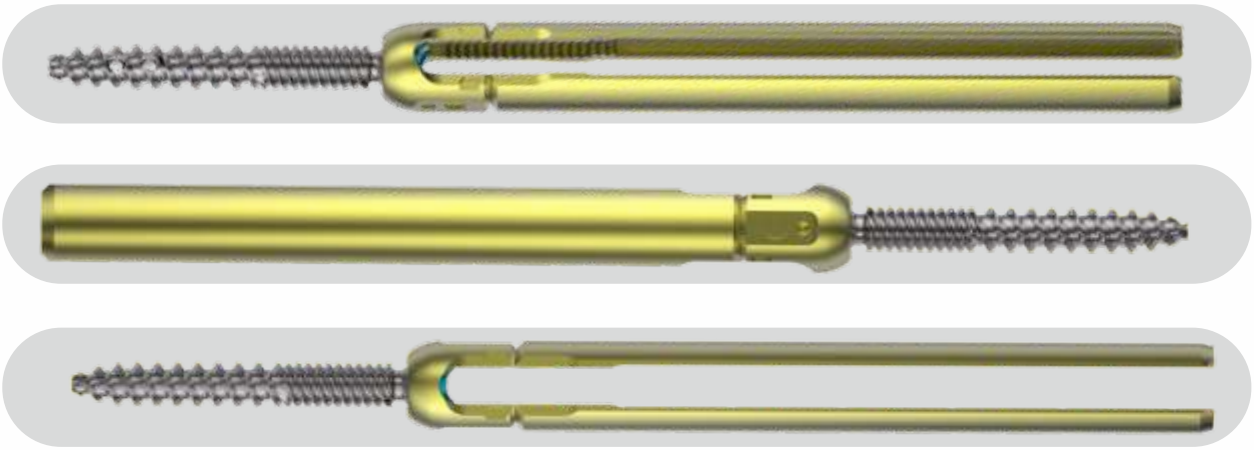
Use patent pending Trapezoidal Metric Thread to increase the load bearing torque, maximize the friction on the expanding mechanism.

| FOOTPRINTS | HEIGHTS | LORDOSIS |
|---|---|---|
| 10X24mm | 7-11mm | 0°, 10°, 15° |
| 10X28mm | 8-12mm | |
| 12X28mm | 9-14mm | |
| 12X31mm | 11-16mm | |

# ANYPLUS® II

LONG ARM SCREW SYSTEM

The AnyPlus® II Long Arm Screw System is a versatile and high-performance spinal fixation solution designed to offer a minimal invasive surgical option for pedicle screw placement. The system incorporates anatomically driven solutions such as self-tapping cannulated Polyaxial screws and pre-lordosed rods. Whether treating deformities, trauma, or degenerative conditions, this advanced system is engineered to deliver secure fixation and long-term spinal alignment. The long arm screw design enhances the system's biomechanical strength, making it particularly suitable for challenging cases requiring robust fixation and optimal load-sharing capabilities.



## KEY FEATURES

### LONG ARM SCREW DESIGN

Increases leverage and stability, especially in challenging spinal anatomies and higher load conditions.

### ENHANCED LOAD DISTRIBUTION

vertebrae, minimizing the risk of implant failure in multi-level fusions.

### IMPROVED GRIP IN VERTEBRAL BODY

The longer screw arms provide superior anchorage, reducing the risk of pull-out.

# ANYPLUS® II

PEDICLE SCREW SYSTEM

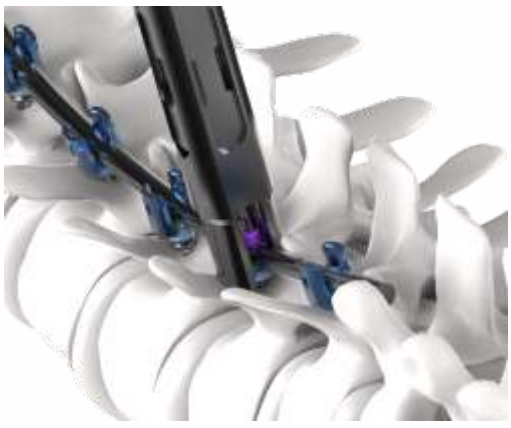
The GS Medical AnyPlus® II System is a comprehensive spinal fixation solution that combines advanced design with superior strength, versatility, and ease of use. By offering enhanced stability, a user-friendly interface, and compatibility with minimally invasive techniques, the system allows for quicker recovery times, less post-operative pain, and improved clinical outcomes. Ideal for both simple and complex spinal surgeries, the Any Plus 2 system is an excellent choice for patients and surgeons alike, delivering reliable results and long-term spinal health.

## KEY FEATURES

### COMPREHENSIVE IMPLANT RANGE
Offers a full selection of screws, rods, and connectors for flexible, patient-specific solutions.

### ENHANCED STABILITY
Optimized for better load distribution and reduced risk of implant failure in multi-level fusions.

### PRECISION LOCKING MECHANISM
Secures implants firmly, preventing loosening and migration during healing.



### MINIMALLY INVASIVE COMPATIBLE
Designed to reduce tissue disruption, supporting faster recovery and less post-operative pain.

### RADIOLUCENT
Clear post-operative imaging for precise monitoring of fusion and implant placement.

# GSS™

## GLOBAL STANDARD SCREW SYSTEM

The GSS™ Spinal System consists of a variety of shapes and sizes of Rods, Screws, Transverse Link, as well as implant components which can be rigidly locked into a variety of configurations.
GSS ™ Mono & Poly Axial Pedicle screw systems were designed to facilitate the placement of pedicle screws through versatility and ease of use, a posterior pedicle screw fixation system is intended to provide immobilization and stabilization of spinal vertebrae in the thoracic, lumbar and sacral regions. The GSS ™ Pedicle screw system is Ø 6.0 mm Rod & Hex type set screw system.

## INDICATIONS

The GSS ™ System is intended for (Degenerative, Disc, Disease) Trauma (i.e. Fracture or Dislocation), Spinal Stenosis, Deformities or Curvatures (i.e. scoliosis, kyphosis and/or lordosis), Tumor, Pseudoarthrosis & Failed previous fusion.

## COMPREHENSIVE IMPLANT OFFERING

- Cannulated or Non-Cannulated Screw options are available to allow for open or Hybrid procedures.
- GSS Screw option
  Diameters: 4.5 – 7.5mm, Lengths: 25 – 120mm
- Ti alloy or Cobalt Chrome Straight 6.0mm Diameter Rod
- Crosslinks Options

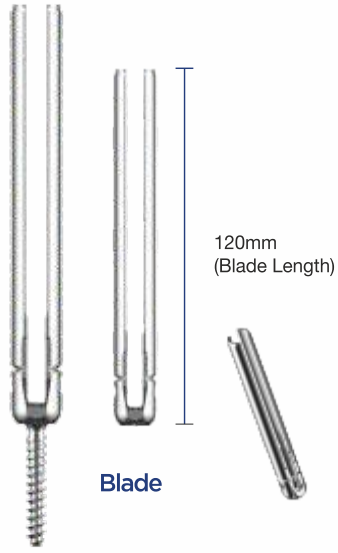
# AnyPlus®
## LONG ARM SCREW SYSTEM

Minimal invasive spine surgery has several advantages over traditional open techniques. Smaller incisions and minimal muscle resection, markedly decrease operating time, blood loss and postoperative pain.

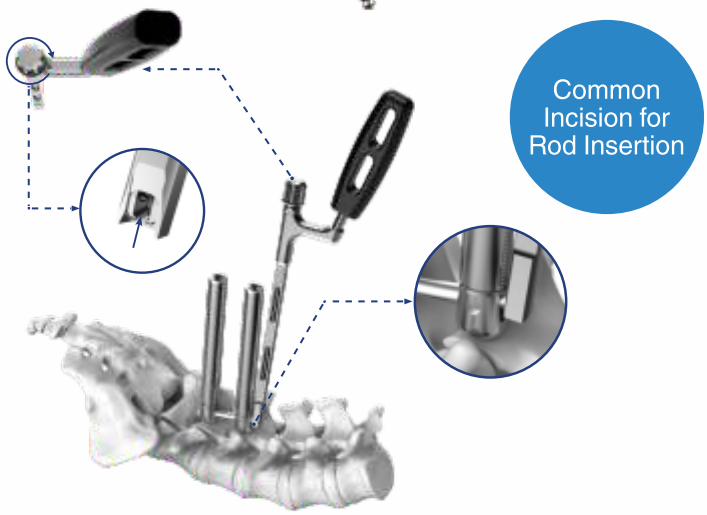
The AnyPlus® Long Arm Screw System was created to offer a less invasive surgical option for pedicle screw placement. The system incorporates anatomically driven solutions such as self-tapping cannulated polyaxial screws and pre-lordosed rods. The AnyPlus® Long Arm Screw System offers a simple, precise and efficient solution to spinal fixation.

### FEATURES

- Correction of severe Spondylolistehis (grade 3&4) of L5-S1.
- Smaller incision and minimal muscle resection.
- Less blood loss and postoperative pain.
- Ergonomically designed instrumentation to allow true percutaneous.
- Suitable for single to multilevel fixation .
- Minimize the risk of screw pullout Intra operatively.









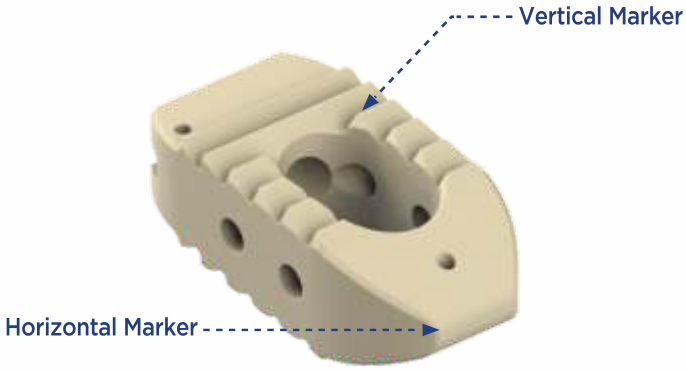
# Pyxis®

## PLIF & TLIF CAGE SYSTEM

Pyxis® PLIF & TLIF Cage System offers versatility for posterior & transforaminal approaches in the lumbar spine by allowing bilateral, unilateral or transverse placement. The instruments with this system are developed for general open technique interbody fusion and minimal invasive interbody fusion.

## INDICATIONS

- Degenerative Disc Disease
- Spinal Instabilities
- Degenerative Spondylolisthesis
- Isthmic Spondylolisthesis




## UNILATERAL TRANSFORAMINAL APPROACH

Preservation of contra-lateral joint enhances segmental lordosis.

## SHARP TEETH

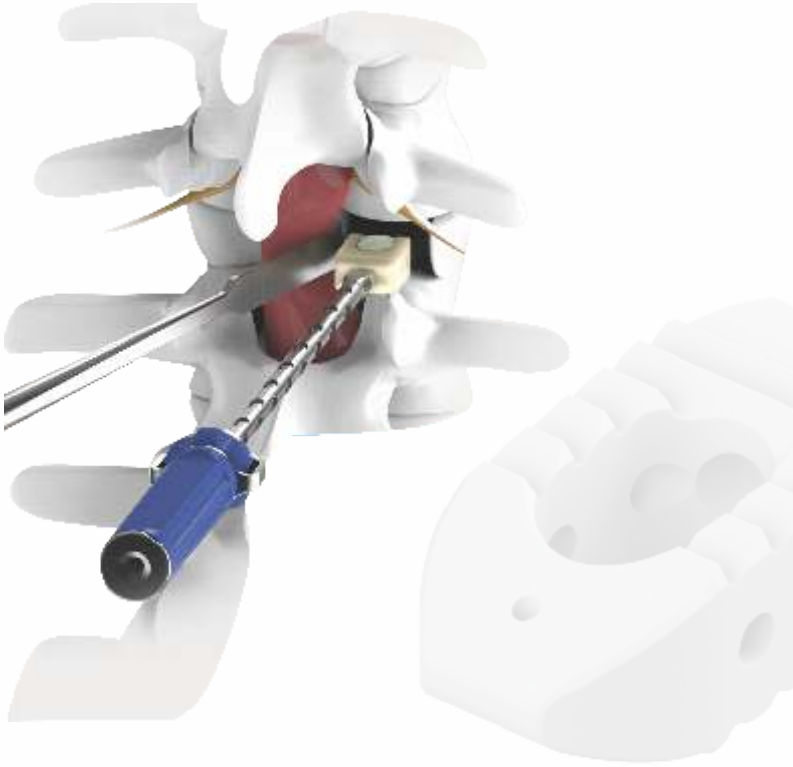
Provide secure engagement with adjacent vertebral bodies.

## BULLET-NOSED TIP

Provides perfect approach within the intervertebral disc.

## PIN MARKERS

Easy identification and positioning.



## ANATOMICAL BI-CONVEX SHAPE

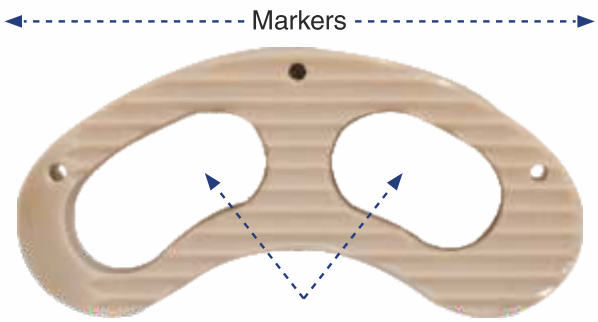
Anatomical shape for optimized fit and stability of the trial contributing to complete and successful fusion.

## PRECISE IMPLANTATION

Tapered cage for Easy insertion & Multiaxial implant holder locking mechanism enables to change the angle of the device for precise implantation.

## LARGE GRAFT WINDOW

Large graft window allows bone growth and facilitates packing with bone or bone substitute




Large Graft Window

# Pyxis®

## 3D printing Ti Cage

**Minimized Sharp Edge**
:Designed smooth edge or minimizing damage

**Smooth Wedge-Shaped designzed Sharp Edge**
:Easy Insertion

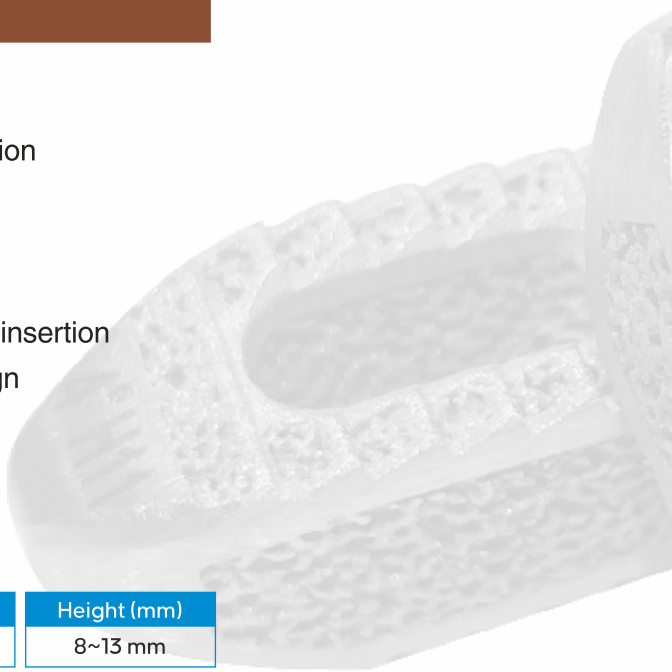
**Bullet-tip Nose**
:The nose designed

**Interconnected irregular porous structurellet-tip Nose**
:Irregular porous structure provides optimized cellular adhesion and proliferation

## KEY FEATURES AND BENEFITS :

Uneven Porous structure for

- Increase in osteoblast and bone production
- Increase in synostosis
- Decrease of elastic modulus
- Smooth sharp edge
- Side of the nose is efficient for rotational insertion
- Easy insertion from smooth wedge design
- Minimized sharp edge



| Length (mm) | Width (mm) | Height (mm) |
|---|---|---|
| 20 & 25 mm | 11.0 mm | 8~13 mm |

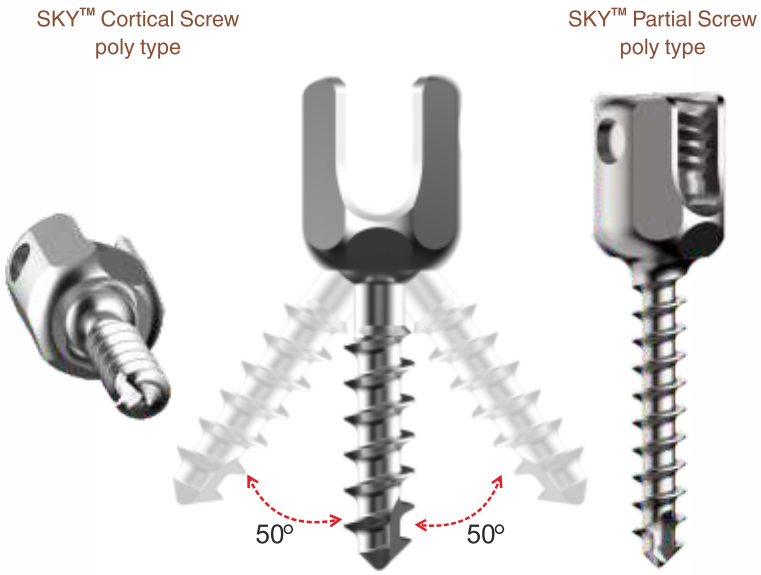
# SKY™
## RECONSTRUCTION CERVICAL SYSTEM
## LATERAL MASS SCREW

SKY™ is an Occipito Cervico Thoracic Spinal Fixation System. This implant system was designed to offer an appropriate method of postetior stabilization and fusion of occipito-cervico-thoracic spine. The design features of this system are directed towards making the procedure safe for the patient and simple for the operating surgeons.

The SKY™ system is indicated for posterior instrumentation of the Occipital, posterior cervical and upper thoracic spine.
Acute and chronic instability

- Instability due to posterior element fractures
- Multilevel fractures
- Posterior ligamentous injuries
- Post laminectomy instability
- Tumours
- Anterior cervical pseudarthrosis
- Instability from tumor
- Stabilization after multisegment anterior decompression and fusion

### SKY™ Lateral Mass Screw System

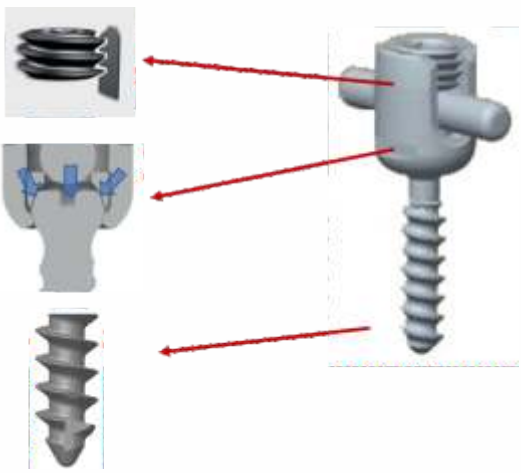



### - VARIABLE POLY AXIAL SCREW

## FEATURES

### HEXA & BUTTRESS TYPE

To limit spreading though torque sensitive



### DOUBLE LOCKING STSTEM

The washer in the bottom of the screw head enhances the poly screw's fixation power by pressing the top of screw neck..

### SELF-TAPPING THREAD

Useful to penetrate the vertebral body

# SKY™
## RECONSTRUCTION CERVICAL SYSTEM
## OCCIPITAL PLATE

SKY™ Occipital Plate System combines the strength and stability of the occipital plate with the morphological versatility of rod. The system offers a comprehensive solution for rigid posterior fixation of the spine with the SKY™ OCT Screw System and SKY™ OCT Hook System because it permits continuous extension of the fixation down the entire spine.

Occipitocervical instability or dislocation from trauma, rheumatoid arthritis or other inflammatory process, basilar impression, neoplasm, congenital anomalies, osteomyelitis, or iatrogenic causes.

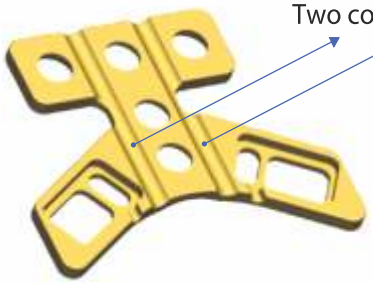
## FEATURES

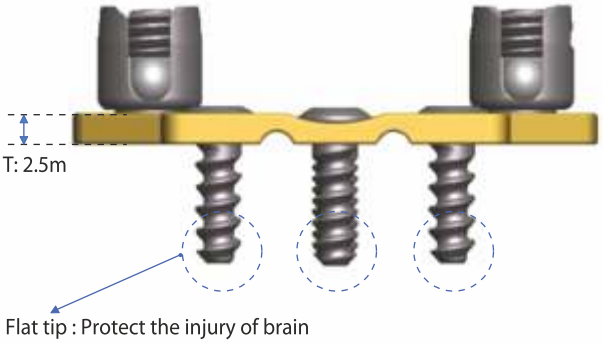
### STABLE FIXATION WITH OCCIPUT

Stable fixation mechanism consists of 5 vertical inserting screws - Stable fixation by using dia 4.0mm, 4.5mm screw into Occiput.

### ANATOMICAL FITTING ON OCCIPUT

Optimal plate contouring that fit all patient's anatomies - Thickness of Plate is only 2.5mm.



# AnyPlus®

## ACIF CAGE

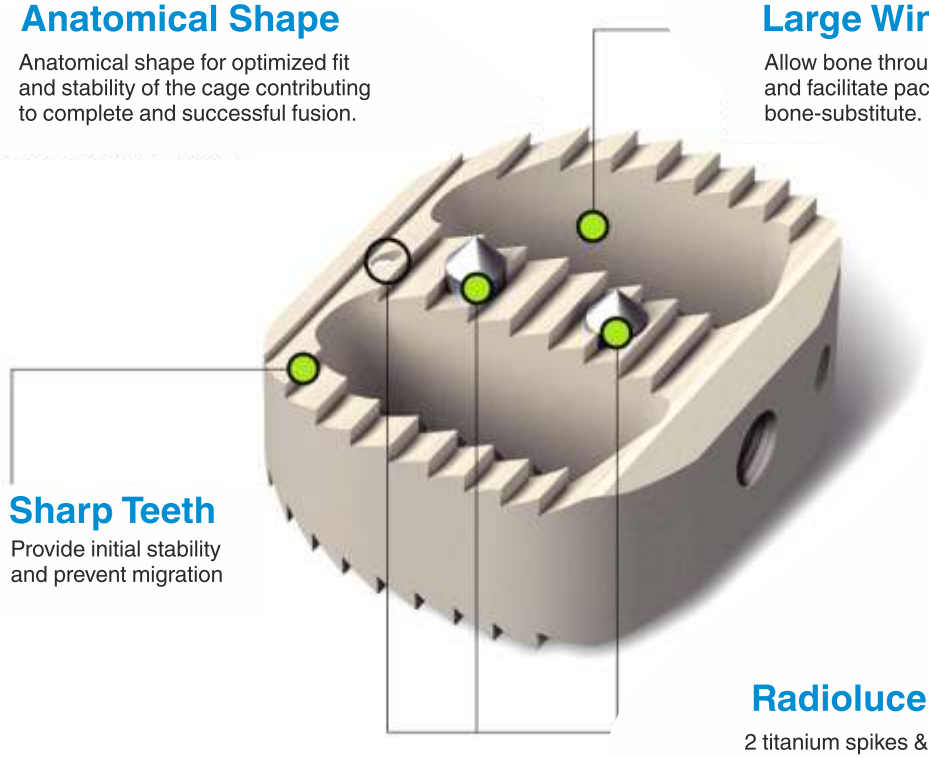
The ANYPLUS® Cervical PEEK Cage is designed for interbody stabilization in the spine and the instrument with this system is developed easy to use and very simple to use, so it allows to reduce operation time and results in prompt recovery for patients after surgery.
This system is developed to address these issues by maintaining features of successful designs and meeting the following improvement goals. Minimize subsidence caused by stand-alone uses Optimal contact with inferior and superior end plates. Instrument development for being used simply and ease.

### Anatomical Shape

Anatomical shape for optimized fit and stability of the cage contributing to complete and successful fusion.

### Large Windows

Allow bone through-growth and facilitate packing with bone or bone-substitute.



### Sharp Teeth

Provide initial stability and prevent migration

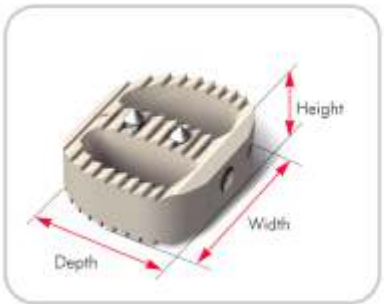
### Radiolucency

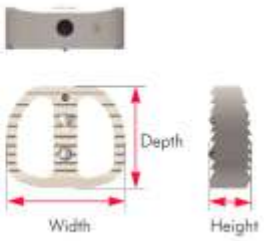
2 titanium spikes & 1 pin marker to indicate cage position on X-ray

Indications
- DDD (Degenerative Disc Disease)
- Herniated disc
- Osteo arthritic foraminal stenosis
- Pseudarthrosis

Application Levels
C2~T1

Approach
Anterior




| Depth (mm) | Width (mm) | Hight (mm) |
|---|---|---|
| 12.0~14.0mm | 14.0 mm | 5.0~9.0mm |

# Cassiopeia™

## ANTERIOR CERVICAL PLATE SYSTEM

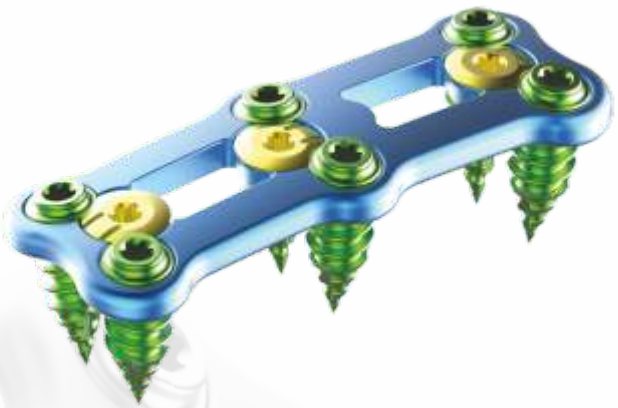
The Cassiopeia™ Cervical Plating system is an advanced system that provides the ability to achieve a maximum screw angulation of up to 23°, while maintaining a low-profile plate design with a robust and repeatable locking mechanism that allows for tactile and visual confirmation of the screws locking.

The intuitive design and comprehensive offering of instruments, screw options, and plates ranging from 1-5 levels ensures an effcient and streamlined procedural sequence.

## LOW PROFILE & ANATOMIC DESIGN

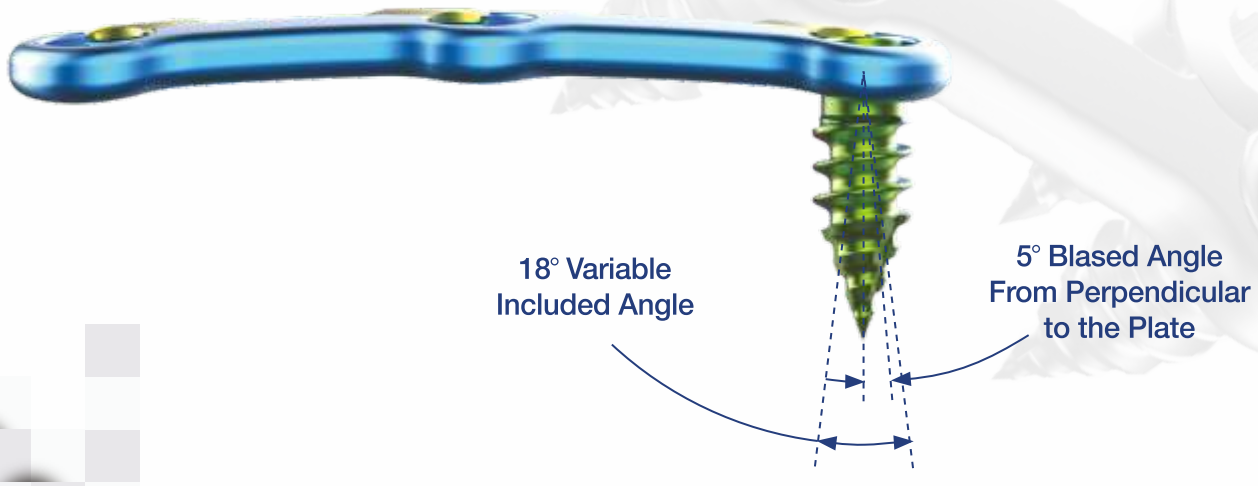
Cassiopeia™ Cervical Plate is 2.25mm thick .A low profile that seamlessly integrates with existing patient anatomy.

All implants are made of Ti-6Al-4V ELI and are combined with biomechanical properties for advanced strength and stability.



## MAXIMUM SCREW ANGULATION

The Cassiopeia™ Cervical Plating system is an advanced system that provides the ability to achieve a maximum screw angulation of up to 23°, while maintaining a low-profile plate design with a robust and repeatable locking mechanism that allows for tactile and visual confirmation of the screws locking.



# Cassiopeia™

## ANTERIOR CERVICAL PLATE SYSTEM

## COMPREHENSIVE RANGE

The Cassiopeia™ Cervical Plate system offers Variable angle and self drilling screw lengths from 12 mm to 18 mm, with diameters of 4.2mm (primary) or 4.6mm (rescue).

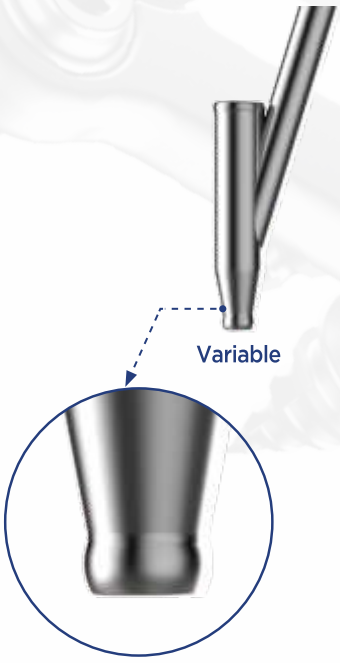
## LARGE GRAFT WINDOWS & ANTI BACKOUT LOCKING MECHANISM

Large graft fenestrations to allow for a high volume of bone grafting material resulting in excellent bony in-growth, better visibility and graft accommodation through the large graft windows.

Unique and simple rotating locks with tactile feedback to prevent inadvertent screw back out.

## INSTRUMENTS FEATURES

- Variable Drill Guides to provide intraoperative flexibility
- Single or Double Barreled Drill-Tap-Screw (DTS) guides for a streamlined, efficient procedural sequence
- Robust screw-to-screwdriver interface



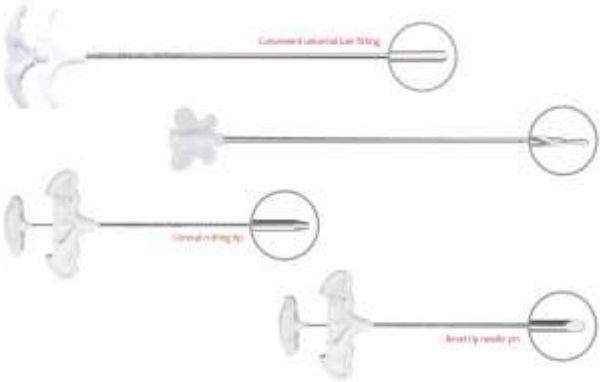
TRACKER™

GS Medical

Tracker Kyphoplasty system is a total solution for vertebral compression fractures due to osteoporosis and Tumor(Bone Metastasis or Multiple Myeloma) , Trauma and Drug induced osteoporosis. The system has specific design for reducing spinal fractures, create a void and correct vertebral body deformity.

## TRACKER™ -I
GCD System

GCD kit for percutaneous access to bone and delivery of bone cement. Simple step percutaneous bone access and channel creation, no instrument exchanges, available in trocar and bevel tips for step procedure.



## TRACKER™ -X
GCD System

Tracker™ -X (GSK System) Balloon Catheter is special product for use of Balloon Kypholasty.This system is used with TRACKER™-X (GSK System). Inflatable Bone expander syringe for treating vertebral compression fractures due to osteoporosis and cancer.

Inflatable Bone Expander Syringe by GS Medical is a 20ml disposable device with an integral pressure gauge, threaded piston assembly with a handle, a flexible high-pressure extension tube, a 20ml locking syringe is included for transfer of contrast media, and a three-way valve for medium pressure.


GSK-15 / GSKC-15

## FEATURES & BENEFITS

- A low pre-inflation profile allows for accurate placement inside the vertebral body through the cannula.
- Radiopaque markers allow for accurate visualization of the balloon while physician positioning balloon prior to inflation with contrast medium.
- Inflation of the Balloon Catheter creates a cavity and compacts cancellous bone in the vertebral body for delivering bone cement.

TRACKER™ Plus Flex

GS Medical

# TRACKER PLUS FLEX
## KYPHOPLASTY SYSTEM

Tracker™ Plus Kyphoplasty system is a total solution for vertebral compression fractures due to osteoporosis and cancer. The system has specific design for reducing spinal fractures, create a void and correct vertebral body deformity.

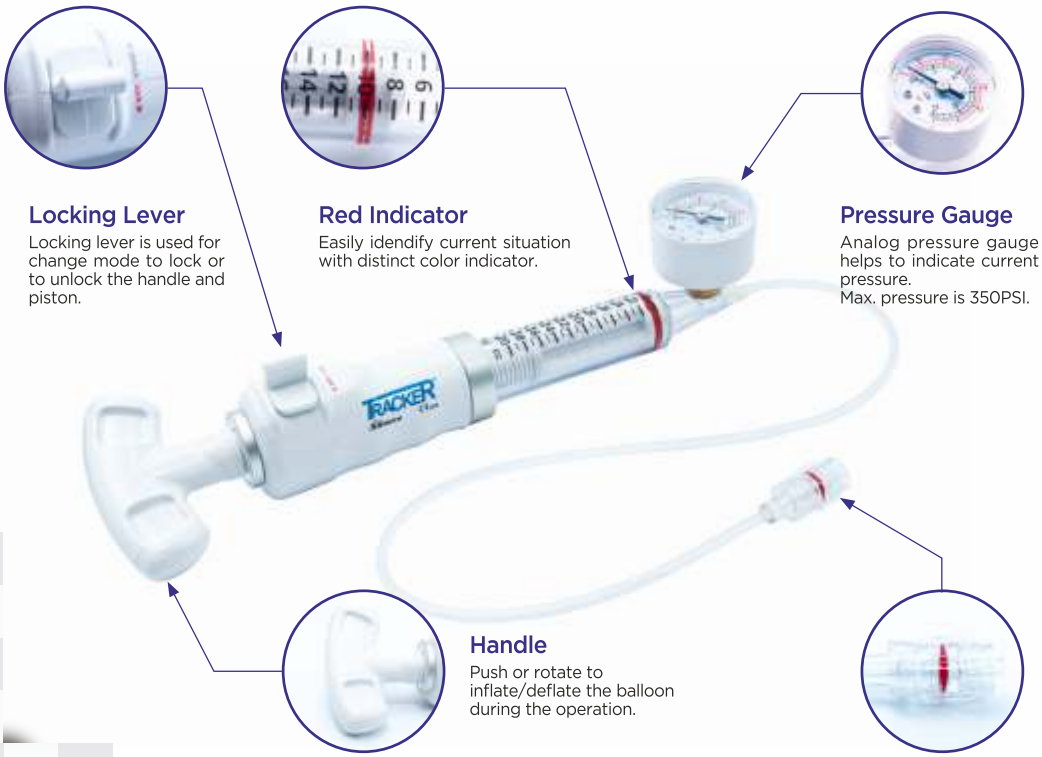
Tracker Plus Kyphoplasty System consist of 11 gauge bone access tools with various type of tips and 400-psi inflatable balloon catheter in volume options to make good usability in the treatment of percutaneous vertebral agumentiation procedures, such as balloon kyphoplasty

## TRACKER PLUS FLEX BALLOON CATHERER

| Product Code | Balloon Length(mm) | Rated Burst (ATM/PSI) | Balloon Diameter | Volume |
|---|---|---|---|---|
| GSFB-1115 | 15 | 27/400 | 15 | 4 |

## TRACKER PLUS BALLOON INFLATION DEVICE

20ml Disposable Device with a rage of 0 to 24.6 ATM (0 to 350 PSI) With Lock Syringe



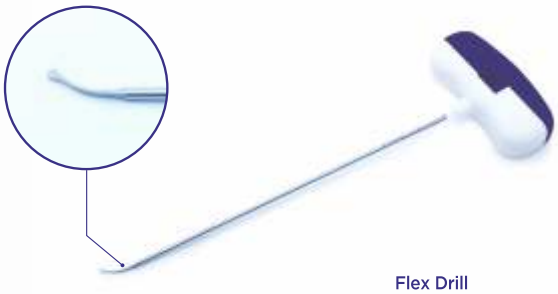
TRACKER™ Plus Flex

GS Medical

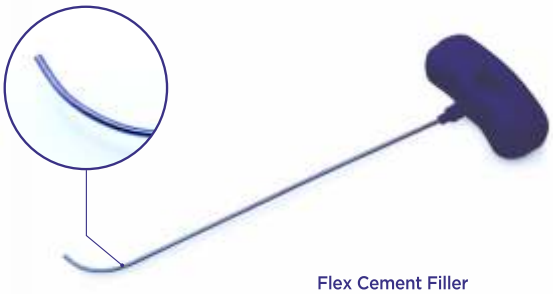
# TRACKER PLUS FLEX
## KYPHOPLASTY SYSTEM

## TRACKER PLUS FLEX CEMENT DISPENSER

The simplest, most complete curved kyphoplasty procedure. A unipedicular approach is created and a curved needle is inserted into an ideal location



Flex Drill



Flex Cement Filler

## TRACKER PLUS BONE BIOPSY KIT

Tracker Plus Biopsy Kit is for collecting biopsy samples

EPISOL™ Series

GS Medical

# EPIDURAL CATHETER FOR SPINAL PAIN RELIEF

EPISOL™ (steerable epidural catheter system) Series are designed for relieving the problem with delivering pain medication within the lower spinal column. And is used to decompress spinal nerves without open surgery and lastingly alleviate the pain associated with acute and chronic spine disorders.

## INDICATION

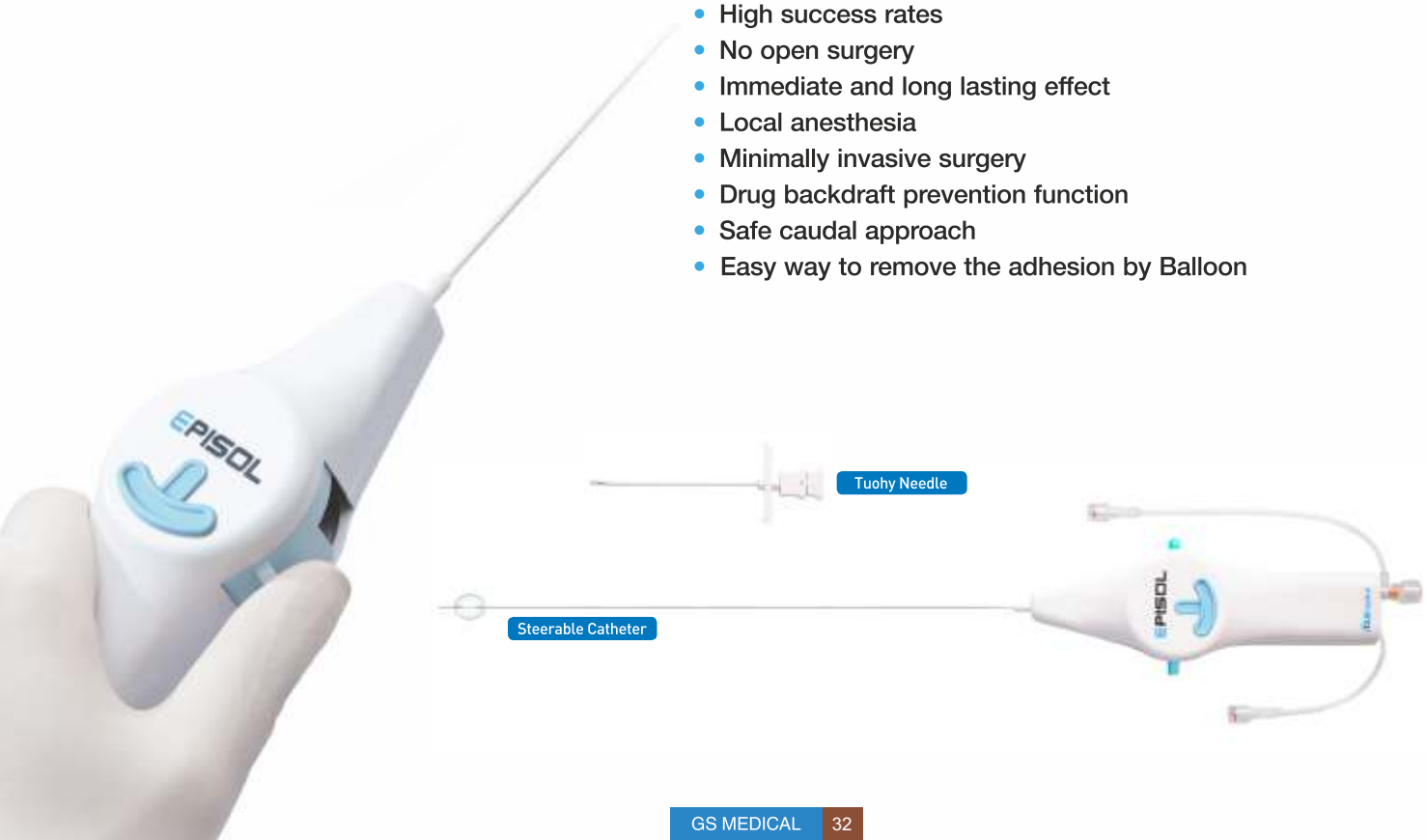
- Chronic Back Pain
- Spinal Stenosis
- Herniated Nucleus Pulposus
- Post-Laminectomy Syndrome

## FEATURES

- Visible shaft under the guided monitor with radiopaque
- Designed lever makes dual direction steering

## POINT & ADVANTAGES

- Low risk therapy
- Mechanical lysis available
- High success rates
- No open surgery
- Immediate and long lasting effect
- Local anesthesia
- Minimally invasive surgery
- Drug backdraft prevention function
- Safe caudal approach
- Easy way to remove the adhesion by Balloon



PARADIGM SPINE
*the movement in spine care*

Paradigm Spine, LLC was formed in 2005 to be a leader in the field of non-fusion spinal implant technology. The Company is committed to improving the quality of life of patients with spinal diseases through its mission: to provide products that are surgeon centric, indication specific, and data driven. Paradigm Spine is now an innovative leader in the global spine market and believes there is a significant opportunity to improve treatment options for patients suffering from lumbar spinal stenosis and age related spinal deformities.

PARADIGM SPINE
the movement in spine care

# Coflex®
## INTERLAMINAR IMPLANT

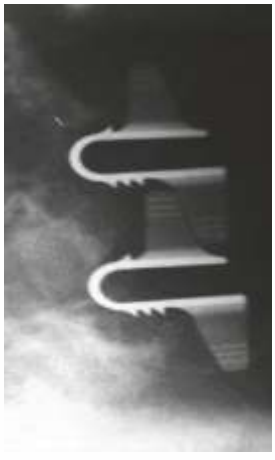
The 1ST and Only Motion Preserving Minimally Invasive Treatment Approved for Moderate to Severe Spinal Stenosis After Decompression

Patients who fail conservative treatment and who are not candidates for complete laminectomy radiographically conferred moderate to severe stenosis with neural element compromise resulting in claudication and or radicular symptoms isolated to one or two levels in the region of L1 to L5 Stabilization, above or below a fusion ("topping-off") in the same procedure to minimize adjacent level degeneration.


## THE COFLEX INTERLAMINAR TECHNOLOGY DESIGN

The Coflex® Interlaminar Technology is an Interlaminar Stabilization device indicated for use in one or two level lumbar stenosis from L1-L5 in skeletally mature patients with at least moderate impairment in function, who experience relief in flexion from their symptoms of leg/buttocks/groin pain, with or without back pain, and who have undergone at least 6 months of non-operative treatment.

The Coflex® is intended to be implanted midline between adjacent lamina of 1 or 2 contiguous lumbar motion segments. The Interlaminar Stabilization device is implanted after decompression of stenosis at the affected level(s).



## FEATURES

- Compressible in extension allowing flexion
- Controls isolation: spinal alignment, aids in preventing expulsion
- Coflex® allows for segmental stabilization controlling motion
- Interlaminar stabilization with Coflex® is ideal in case of facet arthrosis and all related decompressive procedures.

## BENEFITS

- Stress reduction on facet joints
- Maintenance of foraminal height
- Increased rotational stability
- Off-loads posterior disc forces
- Less Invasive, tissue-sparing procedure & easy and precise application

PARADIGM SPINE
the movement in spine care

# DCI™
## DYNAMIC CERVICAL IMPLANT

The DCI™ implant is indicated for anterior implantation into the cervical disc space at one to three levels from C3 to C7. The DCI™ implant controls segmental motion in cases of cervical disc herniation, cervical degenerative disc disease and cervical canal stenosis (central or foraminal) with or without myeloradiculopathy in patients with or without neck pain.

## FEATURES

### ADJACENT SEGMENT PROTECTION

The DCI™ implant provides stable, controlled motion in the cervical spine allowing the spine to be functionally dynamic. After insertion, the implant works as a shock absorber to effectively prevent accelerated degeneration in the segments above and below.

### FUNCTIONALLY DYNAMIC

- Physiological center of rotation
- Controlled rotational stability

### ANATOMICAL DESIGN

- Customized for optimal endplate accommodation and primary stability
- Atraumatic anchorage to avoid heterotopic ossification
- Teeth located anteriorly for secure anchorage

### SINGLE PIECE IMPLANT

- Excellent fatigue strength
- No wear debris
- 12 anatomical sizes
- Color coded instrumentation
- Titanium alloy
- Implant insertion under compression (reduced height)
- Depth stop for trial implants and insertion instrument

*DCI more than a spacer –*
*a functionally dynamic implant.*

SPINEART | GS Medical | bioventus MISONIX | aspen surgical | PARADIGM SPINE | AYGUN SURGICAL INSTRUMENTS CO., INC.

CURE SURGICALS

*we live to... save lives*

## OUR PRESENCE

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**HEAD OFFICE**

S-12, FIRST FLOOR , GREEN PARK EXTENSION, NEW DELHI-110016

DELHI | BENGALURU | LUCKNOW | CHANDIGARH

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