



# PINE

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## PRODUCT BROCHURE



# 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.

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 any queries at [curesurg@curesurgical.com](mailto:curesurg@curesurgical.com)

For more information please visit [www.curesurgical.com](http://www.curesurgical.com)





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# CS RUBY

## MIS Screw System

The CS Ruby MIS Screw System is designed to provide a minimally invasive solution for spinal fixation. This system reduces the need for large incisions and muscle resection, resulting in shorter operating times, minimal blood loss, and reduced postoperative pain compared to traditional open surgery.

The CS Ruby MIS Screw System offers a streamlined, effective option for surgeons seeking less invasive pedicle screw placement solutions.

### INDICATIONS:

The CS Ruby MIS Screw System is designed to treat these pathologies:

- Spondylolisthesis
- Degenerative Disc Disease
- Spinal Trauma
- Pott/s Spine

### FEATURES AND BENEFITS:

- Smaller incision and minimal muscle resection.
- Faster recovery, less blood loss and postoperative pain.
- Suitable for single to multilevel fixation.
- Better pull-out strength due to dual thread feature and cortical cancellous thread can be used for osteoporotic patient also.
- Low profile implant- designed to enable an atraumatic implantation and minimize anatomical interference.



# CS SAPPHIRE

## Pedicle Screw System

The CS Sapphire System offers complete range of poly axial, mono axial, reduction screws, transverse connectors and rod connectors providing versatile options to treat numerous pathologies from T1 to the Ilium. CS Sapphire system is designed to facilitate the placement of pedicle screws through versatility and ease of use. A posterior pedicle screw fixation system is intended to provide fixation and stabilization of spinal vertebrae in the thoracic, lumbar and sacral regions. The CS Sapphire system is compatible with Ø 6.0 mm Rod & Hex/Star type locking inners.

### INDICATIONS:

The CS Sapphire System is designed to treat these dorsal and thoracic pathologies:

- Spondylolisthesis
- Degenerative Disc Disease
- Thoracic and lumbar fractures/vertebral tumours
- Pseudoarthrosis
- Stenosis
- Spine deformities: Scoliosis, Kyphosis



### FEATURES AND BENEFITS:

- Self tapping screws
- Low profile implant- designed to enable an atraumatic implantation
- Polyaxial Head-The (+/-) 25° polyaxiality of the screw head is designed to tolerate alignment discrepancies.
- Reduction screws also available for high grade Spondylolisthesis and Deformity correction (Coronal/Axial).



# CS SAPPHIRE - II

## Dual Thread Pedicle Screw System

CS Sapphire II Dual Thread Pedicle Screw provides dual threaded pedicle screw fixation improving fatigue strength in decreased bone quality. It offers higher pull-out strength in normal-quality bone and significantly lower pull-out strength in compromised osteoporotic bone. The combination of the CS Sapphire II Dual Thread Screw with the powerful Rod Reducer allows multi-segmental vertebral derotation manoeuvres.

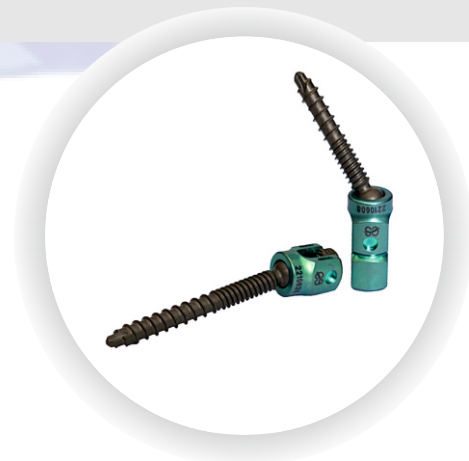
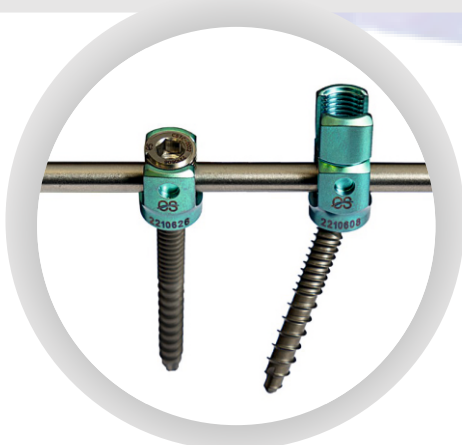
### INDICATIONS

The CS Sapphire II System is designed to treat these dorsal and thoracic pathologies:

- Spondylolisthesis
- Degenerative Disc Disease
- Thoracic and lumbar fractures/vertebra tumours
- Pseudoarthrosis
- Stenosis
- Spine deformities: Scoliosis, Kyphosis

### FEATURES AND BENEFITS

- Self tapping screw system with Ø 5.5 mm Rod & Star type locking innes
- Low profile implant- designed to enable an atraumatic implantation and minimize anatomical interference
- Polyaxially Head-The (+/-) 25° polyaxiality of the screw head is designed to tolerate alignment discrepancies
- Reduction screws also available for high grade Spondylolisthesis and Deformity correction (Coronal/Axial)



# CS JASPER ACIF Cage

## Anterior Cervical Interbody Fusion

The Jasper PEEK Cervical Cages combine superior strength and impact resistance with radiolucency and do not produce artifacts on plain films, computed tomographic (CT) scan, or magnetic resonance imaging (MRI). A marker is inserted into the wall of the PEEK cage for X-Ray localization and fusion can be readily asserted with standard films. The Jasper Cervical PEEK Cage is designed for interbody stabilization in the cervical spine. The instrument with this system is developed to be easy to use, allowing for a reduction in operating time and resulting in a prompt recovery for patients after surgery.

### INDICATIONS

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

Application Levels C2~T1  
Approach Anterior

### IMPLANT DIMENSIONS

- Footprint: 14mm x 14mm and 12mm x 14mm
- Height: 5mm - 9mm with 1mm increment
- Lordosis 2°

### Large Window

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

### Sharp Teeth

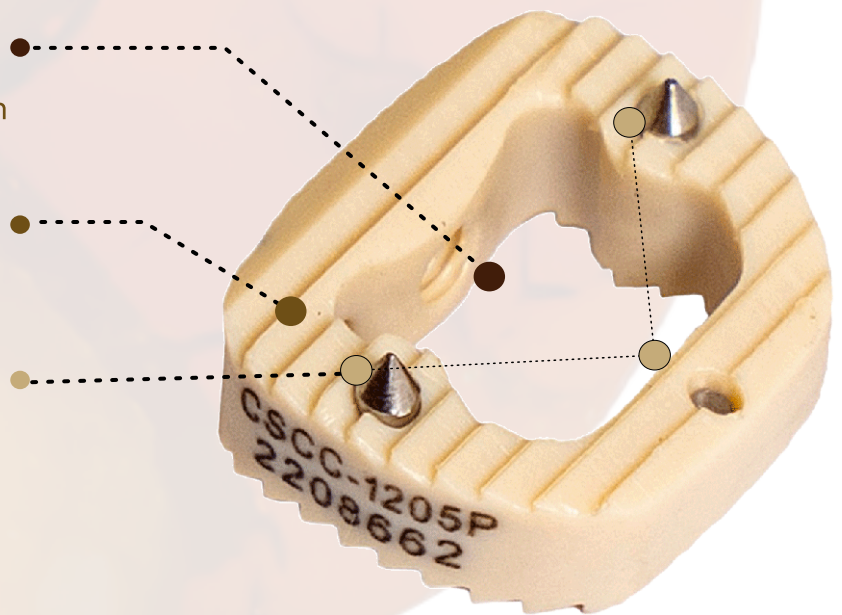
Provide initial stability & prevent migration with stand-alone cage. Anti-backout locking.

### Radiolucent Marker

2 tantalum spikes & 1 pin markers for checking the cage positions on X-Ray

### Anatomical Shape

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



# CS JASPER

## Posterior Lumbar PEEK/TIT Cage

The Jasper PLIF Cage System offers versatility for posterior approaches in the lumbar spine by allowing bilateral, unilateral or oblique placement. The instruments with this system are developed for general open technique interbody fusion and minimal invasive interbody fusion. The cages are designed for segments L1 to L5 with variable length/height.

### INDICATIONS

- Degenerative Disc Disease
- Spinal Instabilities
- Degenerative Spondylolisthesis
- Isthmic Spondylolisthesis
- Preservation of contra-lateral joint enhances segmental lordosis

### IMPLANT DIMENSIONS

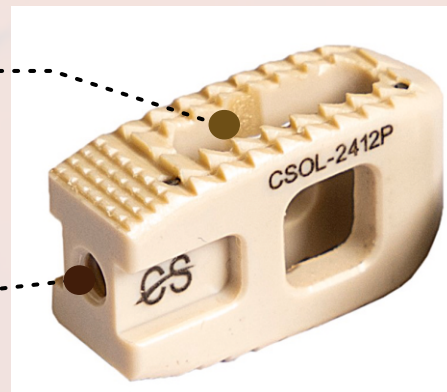
- **PEEK**
  - Length: 22mm, 24mm and 28mm
  - Height: 7-15mm with 1mm increment
- **Titanium**
  - Length: 24mm
  - Height: 7-15mm with 1mm increment

### Large Graft Window

Large graft window allows bone growth and facilitates packing with bone or bone substitute that helps in fusion.

### Pin Markers

Easy identification and positioning in X-Ray



(TAV Grade 6 Titanium)

### Bullet-Nosed Tip

Provides perfect approach within the intervertebral disc.

### Anatomical Shape

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

# CS JASPER

## Transforaminal Lumbar PEEK/TIT Cage

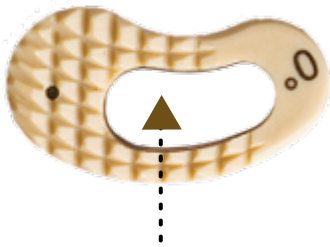
The Jasper TLIF Cage System offers versatility for posterior approaches in the lumbar spine by allowing unilateral or transverse placement. The instruments with this system are developed for general open technique interbody fusion and minimal invasive interbody fusion.

### INDICATIONS

- Degenerative Disc Disease
- Spinal Instabilities
- Degenerative Spondylolisthesis
- Isthmic Spondylolisthesis
- Preservation of contra-lateral joint enhances segmental lordosis

### IMPLANT DIMENSIONS

- **PEEK**
  - ▶ Length: 25mm
  - ▶ Height: 8-13mm with 1mm increment
- **Titanium**
  - ▶ Length: 25mm
  - ▶ Height: 8-13mm with 1mm increment



#### Large Graft Window

Large graft window allows bone growth and facilitates packing with bone or bone substitute that helps in fusion.

(TAV Grade 6 Titanium)



#### Bullet-Nosed Tip

Provides perfect approach within the intervertebral disc.

### Precise Implantation

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

# CS SAPPHIRE

## Lateral Mass Screw System

CS Sapphire Lateral Mass Screw System is designed to offer an appropriate method of posterior stabilization and fusion of occipital-cervical-thoracic spine. The design features of this system are directed towards making the procedure safe for the patient and simple for the operating surgeons.

### INDICATIONS

The CS Sapphire Lateral Mass Screw system is indicated for posterior stabilization of the Occipital, posterior cervical and upper thoracic spine.

- Acute and chronic instability
- Multilevel fractures
- Posterior ligament injury
- Post laminectomy instability
- Radicular/Cervical myelopathy
- Anterior cervical pseudarthrosis
- Instability from tumour
- Stabilization after multisegmented anterior decompression and fusion
- Immobilization and stabilization of spinal segments of the Cervical Spine (C1 to C7)



### FEATURES AND BENEFITS

- Titanium Alloy (Ti-6Al-4V) Poly axial screw
- Low profile & frictionless tulip prevents traumatic/soft tissue injuries
- (+/-)35° polyaxiality for better rod reduction and less maneuver required during surgery
- 3.5mm & 4.0 mm diameter screws with 2mm incremental length
- Self tapping & single cutting flute
- MRI Compatible
- Partially threaded screws available in 3.5mm diameter



# CS SAPPHIRE

## Occipital Plate System

CS Sapphire 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 CS occipital Screw System and CS Occipital Hook System because it permits continuous extension of the fixation down the entire spine.

### INDICATIONS

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

Two contour bending line



### FEATURES

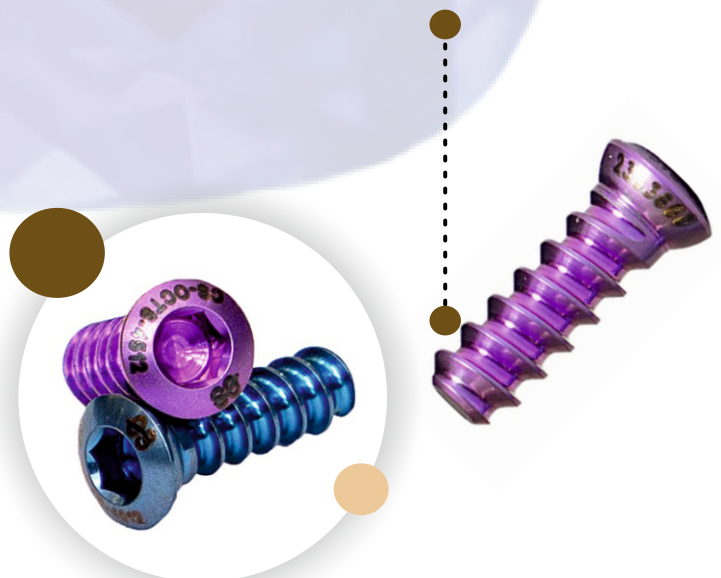
#### STABLE FIXATION WITH OCCIPUT

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

Flat tip: Protect the injury of brain

#### ANATOMICAL FITTING ON OCCIPUT

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



# CS QUARTZ

## Anterior Cervical Plate System

The CS Quartz Anterior 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 1-4 levels ensures an efficient and streamlined procedural sequence.

### LOW PROFILE & ANATOMIC DESIGN

1.98mm & 2.00mm thick Plate for Level 1/2 and 3/4 respectively that seamlessly integrates with existing patient anatomy. All implants are made of Ti-6Al-4V and are combined with biomechanical properties for advanced strength and stability.

### MAXIMUM SCREW ANGULATION

An advanced system that provides the ability to achieve a maximum screw angulation of up to 23°

### COMPREHENSIVE RANGE

It offers Variable angle and self drilling screw lengths from 12 mm to 18 mm, with diameters of 3.5mm (primary) or 4mm (rescue).

### ANTI BACKOUT LOCKING MECHANISM

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 Barrelled Drill-Tap-Screw (DTS) guides for a streamlined, efficient procedural sequence
  - Robust screw-to-screwdriver interface











SPINEART



## OUR PRESENCE

### CORPORATE OFFICE

S-25, GREEN PARK EXTENSION, NEW DELHI, 110016

### HEAD OFFICE

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

DELHI | BENGALURU | LUCKNOW | CHANDIGARH

Contact No – 011-26510059,41650070 | Email – curesurg@curesurgical.com | Web - www.curesurgical.com