

Concorde Cage

DESCRIPTION

The CONCORDE™ Implant and Instrument System is designed for anterior column support.

Featuring parallel and lordotic CFRP (Carbon Fiber Reinforced Polymer) implants developed for oblique posterior lumbar placement, the CONCORDE System meets the structural requirements of anterior column support while optimizing the fusion environment through an open, load-sharing design.

The CONCORDE Implant System features both lordotic and parallel implants. Uniquely suited for oblique posterior lumbar placement, the lordotic version features a 5° taper when placed approximately 30–40° off midline. The parallel implant is designed to accommodate a variety of surgical approaches.

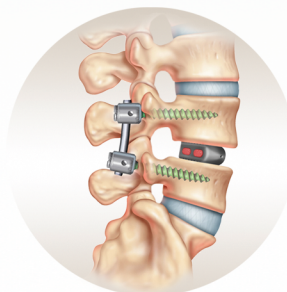
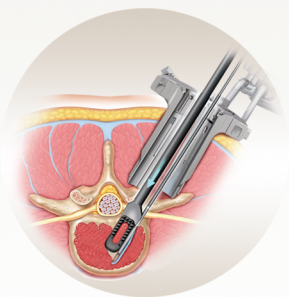
The CONCORDE™ Bullet device was designed to facilitate ease of insertion and improved resistance to migration while maintaining the proven clinical benefits of the existing CONCORDE product line.

INDICATIONS

The VBR Spinal Systems are indicated for use in the thoracolumbar spine (i.e., T1 to L5) to replace a diseased vertebral body resected or excised for the treatment of tumors, to achieve anterior decompression of the spinal cord and neural tissues, and to restore the height of a collapsed vertebral body.

The VBR Spinal Systems are also indicated for treating fractures of the thoracic and lumbar spine. The VBR Spinal Systems are designed to restore the biomechanical integrity of the anterior, middle and posterior spinal column even in the absence of fusion for a prolonged period.

The VBR Spinal Systems are intended for use with supplemental internal fixation. The supplemental internal fixation systems that may be used include titanium plate or rod systems (i.e., Kaneda™ SR, University Plate, M-2 Anterior Plate,™ ISOLA,® VSP,® Moss®Miami, TiMX,® Monarch,® Expedium,™ Viper,™ Profile®).



CONCORDE CHARACTERISTICS

FEATURES & BENEFITS

5 mm bullet nose

Ease of placement Provides soft tissue protection and deflection Enhances placement with distraction – enabling tip.

Material benefits of CFRP

- More than 15 years of unparalleled clinical history with CFRP.
- Modulus of elasticity approximating human cortical bone 2x strength of pure PEEK, enabling a more open design.
- Radiolucent, with tantalum beads to visualize placement.

Open architecture

Allows for significant bone graft volume.

Pyramidal teeth

The likelihood of device retropulsion is reduced using the clinically successful pyramidal tooth pattern.

Lateral graft retention strut

Prevents extrusion of graft material.

Chamfered Proximal End

Rotational control during insertion.

Implant Sizing

- 23 mm & 27 mm Lengths.
- 9 mm & 11 mm Widths.
- 7-13 mm Heights.

CONCORDE BULLET CHARACTERISTICS

FEATURES & BENEFITS

Easier to insert

Significantly lower maximum insertion force.

Implant Sizing

- 23 mm & 27 mm Lengths.
- 9 mm & 11 mm Widths.
- 7-11 mm Heights.

Resists migration

Significantly greater resistance to anterior.

Sizing options to match patient anatomy

- Available lordotic options.
- 1 mm height increments.
- Total of 26 sizing options.