PERPOS® Percutaneous Cervical System

The first and only percutaneous transfacet compression device for posterior stabilization of the cervical spine

CLASP® Technology

• Utilizes two-step compression technology allowing the surgeon to control the position of the distal tip
• Intraoperative flexibility of one size fits all implant
• Secondary axial compression is achieved independent of rotation – does not apply rotational force on the implant or bone
• Applies 45% more compression force than a conventional lag screw and has 24% greater pullout strength
• Is an adjunct to fusion: utilizes “Wolfe’s Law” by applying compression or load without stress shielding the graft, resulting in better stability and likelihood of graft integration
True Compression

Whether stabilizing a single-level segment, multi-level ACDF, or supporting a strut graft, COMPRESSION is important for inducing fusion between two segments of the cervical spine. Historically, technologies such as lag screws, rod constructs, and wires have been the standard of care for such techniques. Now there is a simpler, less invasive, and more effective technique for posterior cervical fusion. The PERPOS Percutaneous Cervical system is a comprehensive percutaneous transfacet compression system. This unique system incorporates the BONE-LOK® implant with its proven CLASP (Compression Locking Anchor with Secondary Purchase) technology with advanced instruments specifically designed for cervical applications. The BONE-LOK implant has a unique ratcheting collar that separates anchor insertion and compression into two independent steps to ensure proper placement of the implant and effective compression of the segment.

Double Helix Thread Design combined with our CLASP Technology

BONE-LOK incorporates two intertwined screw threads to yield higher threads per inch (TPI). The double helix technology is proven to yield 24% greater pullout strength and due to our patented CLASP (Compression Locking Anchor with Secondary Purchase) technology 45% more compression force is achieved versus a conventional lag screw.
Comprehensive Percutaneous Implant and Instrument System

- Two 3.8mm diameter, one size fits all BONE-LOK implants required to fuse one level
- Truly percutaneous procedure is accomplished through one 10mm midline incision
- Ideal for single or multi-level cervical fusions and ACDF revisions
- Low-profile device design ideal for cervical applications

Advanced Percutaneous Instrument System

- Instrument system specifically designed to avoid interference with the occiput for use during a percutaneous procedure
- All instruments made with unique flexible shaft design for use with curved Teleport®