

EST. 2007: CELEBRATING 10 YEARS!

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## TOWERLOX® MIS PEDICLE SCREW SYSTEM

Developed through close collaboration with leading MIS surgeons, the TowerLOX MIS Pedicle Screw System represents the next generation in minimally invasive spine surgery. TowerLOX

provides simple and intuitive function in a cannulated pedicle screw system for minimally invasive surgeries. The smooth and reliable integration of the tower system, coupled with state of the art rod insertion and reduction instrumentation, allows for enhanced control and ease of rod delivery; even in the most challenging anatomical situations.

OPEN    MINI-OPEN    MIS

## TOWERLOX MIS PEDICLE SCREW SYSTEM CAN SUPPORT MIS, MINI-OPEN AND OPEN CASES

The TowerLOX MIS Pedicle Screw System features proprietary instrumentation to provide multiple options

for quick and robust tower attachment, simple and less invasive rod insertion, and efficient rod reduction.

The TowerLOX System's unique instrument configuration can support MIS, mini-open, and open pedicle screw cases potentially reducing inventory and processing requirements.

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**EFFICIENT, ACCURATE,  
AND LESS INVASIVE ROD INSERTION  
WATCH THE ANIMATION**

## TOWERLOX MIS PEDICLE SCREW SYSTEM – ROD INSERTERS

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### **CONTROLLED ROD INSERTION WITH PIVOROD LP INSERTER AND A LOW PROFILE MIS ROD**

- Simple and quick rod angle adjustments
- Lower profile rod/inserter connection
- Easy loading, unloading and manipulation of the rod
- Safely and accurately pivot without disengaging from the instrument
- Reduce the need for additional pushers and persuaders

# GET MORE OPTIONS WITH TOWERLOX MIS PEDICLE SCREW SYSTEM AND DISCOVER RAPID CONSTRUCT ASSEMBLY

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(Desktop user: hover mouse over dots to reveal features)

## ACCURATE ROD INSERTION WITH PIVOQUIK™ ROD INSERTER

- Quik-Connect rod interface
- Easy loading, unloading and manipulation of the rod
- A reliable connection for □safe and accurate MIS rod pivot, without disengaging from the inserter
- Reduce the need for additional pushers and persuaders

# PIVOQUIK MIS ROD INSERTER IS INTENDED TO REDUCE TISSUE DISSECTION TYPICALLY REQUIRED IN LARGER PATIENTS

## TOWERLOX MIS PEDICLE SCREW SYSTEM – TOWER FEATURES

### MORE LEVERAGE – TOWER PIVOT

- □ Increased capability of adjusting sagittal alignment
- Secure fulcrum for compression/distraction
- Additional leverage to start the Set Screw

### CONSISTENCY WITH A TOWER GUIDE

- Aligns the PivoQuik inserter for simple rod insertion
- Visual insertion gauge on the PivoQuik inserter provides surgeon a prompt for rod articulation

## OPEN

## TOWER AND MODULAR

### OPEN TOWER

- Proprietary locking mechanisms
  - quick and robust tower attachment
- Simple screw assembly and disassembly
- Modular Open Towers give visual confirmation of the rod passage
- Modular Open Towers allow rod introduction down through the tower – no additional wound dilation
- Counter torque/tower interface
  - no additional wound dilation

## TOWERLOX MIS PEDICLE SCREW SYSTEM – ROD REDUCTION

### ROBUST EXTERNAL ROD REDUCTION

- Triple lead thread allows for rapid and robust rod reduction

- Accommodates set screw insertion after rod reduction
- Up to 32mm of reduction

## EFFICIENT INTERNAL ROD REDUCTION

- Integration with Set Screw eliminates extra step
- Reduction through the tower – no additional wound dilation
- Reliable rod reduction when challenged for space between towers
- Up to 32mm of reduction

## LOCKING SET SCREW STARTER AND SET SCREW

- Prevents loss of set screw in situ
- Laser etch indicators confirm if rod is fully seated
- Easy attachment and release of Set Screw



- Set Screw with truncated lead thread for definitive start (go, no go)
- Large buttress thread enhances interconnection between set screw and tulip

## LOW PROFILE IMPLANTS AND RELIABLE FIXATION STRENGTH

### TOWERLOX MIS POLYAXIAL PEDICLE SCREW

- Large buttress thread enhances interconnection between set screw and tulip
- Set Screw with truncated lead thread for definitive start (go, no go)
- Tulip head features provide for easy and rigid tower attachment
- Cannulated polyaxial MIS pedicle screw accepts 1.4mm guidewire

- Self-tapping triple flute provides self-centering MIS pedicle screw entry
- Polyaxial angulation up to 63° dramatically reduces coronal rod bending
- Increased screw neck diameter on larger screws for increased strength
- Dual-lead thread design provides faster insertion
- Cannulated polyaxial MIS pedicle screw available from 4.9, 5.5, 6.5, 7.5, 8.0, 8.5 and 9.0mm diameter in 30mm – 100mm lengths

TOWERLOX ENHANCEMENTS ARE  
NOW AVAILABLE  
CONTACT US FOR MORE  
INFORMATION

CONTACT US TODAY ►

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## CAPTIVA'S PRODUCTS

CapLOX II Pedicle  
Screw System

**TowerLOX MIS  
Pedicle Screw  
System**

Pivotec TLIF Cage

FuseLOX Lumbar  
Cage

SmartLOX Cervical

Plate System

FuseLOX Cervical  
Cage

TirboLOX-C Titanium

Cervical Cage

Fibergraft BG

Morsels and Putty

## QUICK LINKS

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### Business

**Hours:**  
Monday–Friday  
8:30AM to  
5:00PM  
Saturday &  
Sunday: Closed

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