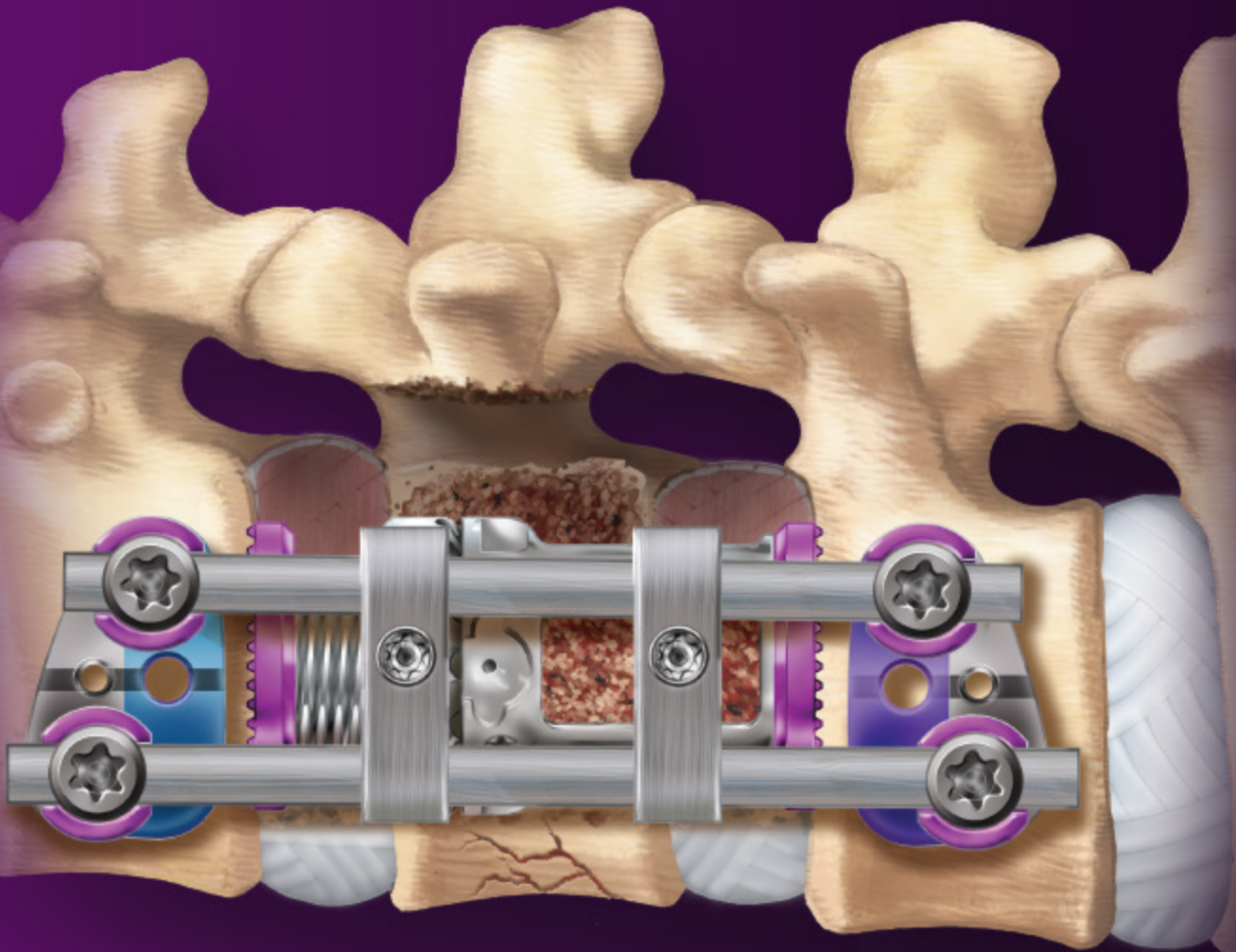


SPHERX II ANTERIOR

Expanded Application of a Proven Design





Conventional Surgery. Minimal Disruption.

XLIF[®] CORPECTOMY PROCEDURE

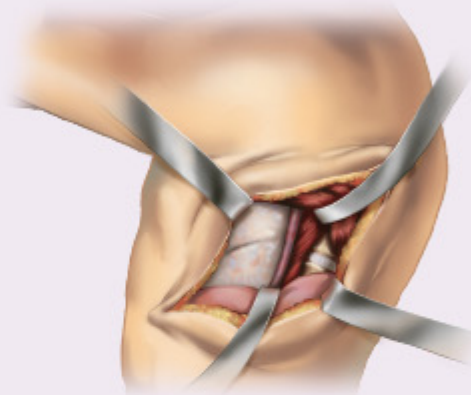
XLIF Corpectomy is a safe, reproducible, and minimally disruptive surgical solution for the treatment of tumor and trauma pathology.

The XLIF Corpectomy platform consists of the SpherX[®] II Anterior system, NeuroVision[®] intraoperative monitoring, the MaXcess[®] Access system, and the XLIF expandable VBR. XLIF Corpectomy is a revolutionary, yet conventional alternative to traditional open thoracotomy procedures.

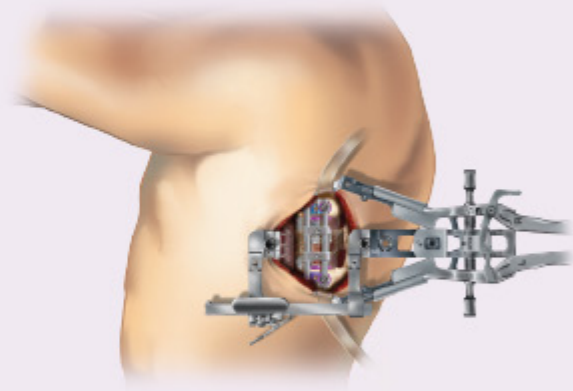
Complete Procedural Offering

- Conventional surgery through a less-disruptive approach
- Minimizes exposure-related patient morbidity
- Seamlessly integrated instrument, implant, and fixation platforms

TRADITIONAL APPROACH



XLIF APPROACH



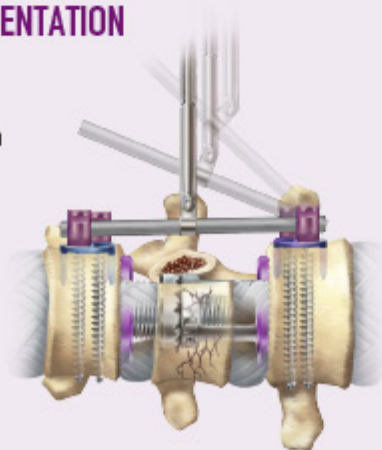
SPHERX II ANTERIOR INTEGRATES SEAMLESSLY WITH THE XLIF CORPECTOMY PROCEDURE

- Instrumentation designed specifically to accommodate a MaXcess exposure
- Full NeuroVision compatibility
- Staples designed to contour the MaXcess Retractor
- Instrumentation designed specifically for XLIF Corpectomy, as well as traditional approaches

INNOVATIVE INSTRUMENTATION

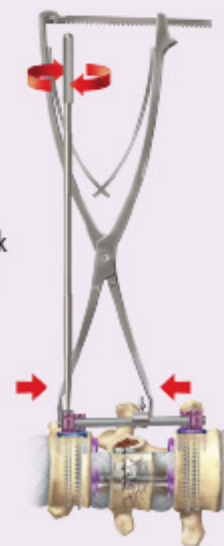
Pivoting Rod Holder

Instrumentation designed for a MaXcess exposure delivers implants to the surgical site.



Rod Compression

Instruments are provided for distraction and compression. A temporary compression block aids in compression through a MaXcess exposure.





SpheRx® II Anterior Overview.

SYSTEM FEATURES

- Instrumentation designed for safe, simple implant delivery
- Multiple staple sizes are designed to fit unpredictable patient anatomy
- Top-loading fixed and polyaxial screw options simplify rod introduction
- Low-profile, single-lock cross connectors
- Multiple compression/distraction options
- Full NeuroVision® compatibility

Staple Features



- 1 Low Profile**
 - Posterior and Inferior Staples are 2mm in height and require minimal real estate
- 2 Color-Coding**
 - Color-coded anodizing ensures proper orientation
- 3 Fixation Spikes**
 - Fixation spikes are 10mm long and dual-tapered at the tip
- 4 Contoured Staples**
 - Posterior aspect of Staple contours to the MaXcess® Retractor blade for easy insertion
- 5 Single Hole Staples**
 - Single Hole Staples are designed with a low profile and four-pronged fixation

Cross Connectors

- Low-profile cross connectors rest below height of screw head
- Single-step, torque-based locking mechanism

TOP VIEW



SIDE VIEW



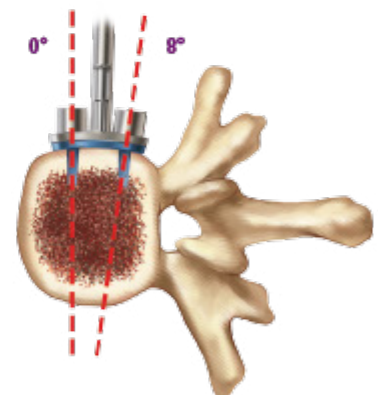
Polyaxial Screws

- 60° of screw head angulation
- Non-cannulated shank maximizes strength
- Self-tapping flutes for efficient insertion
- 5.5mm, 6.5mm, 7.5mm diameters – color-coded



Screw Trajectory

- Convergent screw trajectory maximizes pull-out strength



Instrumentation for Traditional Approach

- Wide range of implant options to accommodate fixation requirements
- Both guided and self-centering instrumentation
- Simple, single-step locking cross connectors
- Multiple compression and distraction options

SPHERX® II ANTERIOR IMPLANTS

DESCRIPTION	CATALOG #
Staple Caddy	7250114
Staple Caddy Lid	7250115
Single Hole Staple Caddy	7250116
Single Hole Staple Caddy Lid	7250117
Washer Caddy	7250118
Washer Caddy Lid	7250119
Cross Connector Caddy	7250120
Cross Connector Caddy Lid	7250121
Lockscrew Caddy	7250122
Lockscrew Caddy Lid	7250123
Polyaxial Screw Caddy	7250124
Fixed Screw Caddy	7250125
Inferior Staple, Small	7251526
Inferior Staple, Medium	7251528
Inferior Staple, Large	7251530
Superior Staple, Small	7251626
Superior Staple, Medium	7251628
Superior Staple, Large	7251630
Single Hole Staple, Small	7253012
Single Hole Staple, Medium	7253014
Single Hole Staple, Large	7253016
Washer, Small	7253112
Washer, Medium	7253114
Washer, Large	7253116
5.5 x 25mm Polyaxial Screw	7245525
5.5 x 30mm Polyaxial Screw	7245530
5.5 x 35mm Polyaxial Screw	7245535
5.5 x 40mm Polyaxial Screw	7245540
5.5 x 45mm Polyaxial Screw	7245545
5.5 x 50mm Polyaxial Screw	7245550
6.5 x 30mm Polyaxial Screw	7246530
6.5 x 35mm Polyaxial Screw	7246535
6.5 x 40mm Polyaxial Screw	7246540
6.5 x 45mm Polyaxial Screw	7246545
6.5 x 50mm Polyaxial Screw	7246550
7.5 x 30mm Polyaxial Screw	7247530
7.5 x 35mm Polyaxial Screw	7247535
7.5 x 40mm Polyaxial Screw	7247540
7.5 x 45mm Polyaxial Screw	7247545
7.5 x 50mm Polyaxial Screw	7247550
5.5 x 25mm Fixed Screw	7255525
5.5 x 30mm Fixed Screw	7255530
5.5 x 35mm Fixed Screw	7255535
5.5 x 40mm Fixed Screw	7255540
5.5 x 45mm Fixed Screw	7255545
5.5 x 50mm Fixed Screw	7255550
5.5 x 55mm Fixed Screw	7255555
6.5 x 30mm Fixed Screw	7256530
6.5 x 35mm Fixed Screw	7256535
6.5 x 40mm Fixed Screw	7256540
6.5 x 45mm Fixed Screw	7256545
6.5 x 50mm Fixed Screw	7256550
6.5 x 55mm Fixed Screw	7256555

DESCRIPTION	CATALOG #
6.5 x 60mm Fixed Screw	7256560
7.5 x 30mm Fixed Screw	7257530
7.5 x 35mm Fixed Screw	7257535
7.5 x 40mm Fixed Screw	7257540
7.5 x 45mm Fixed Screw	7257545
7.5 x 50mm Fixed Screw	7257550
7.5 x 55mm Fixed Screw	7257555
SpheRx II Anterior Fixed Connector - 12mm	7256012
SpheRx II Anterior Fixed Connector - 13mm	7256013
SpheRx II Anterior Fixed Connector - 14mm	7256014
SpheRx II Anterior Fixed Connector - 15mm	7256015
SpheRx II Anterior Fixed Connector - 16mm	7256016
SpheRx II Anterior Fixed Connector - 17mm	7256017
SpheRx II Anterior Fixed Connector - 18mm	7256018
SpheRx II Anterior Fixed Connector - 19mm	7256019
SpheRx II Anterior Fixed Connector - 20mm	7256020
SpheRx II Anterior Fixed Connector - 21mm	7256021
SpheRx II Anterior Fixed Connector - 22mm	7256022
SpheRx II Lockscrew	7241100
25mm Conventional Rod	7248025
30mm Conventional Rod	7248030
35mm Conventional Rod	7248035
40mm Conventional Rod	7248040
45mm Conventional Rod	7248045
50mm Conventional Rod	7248050
55mm Conventional Rod	7248055
60mm Conventional Rod	7248060
65mm Conventional Rod	7248065
70mm Conventional Rod	7248070
75mm Conventional Rod	7248075
80mm Conventional Rod	7248080
85mm Conventional Rod	7248085
90mm Conventional Rod	7248090
95mm Conventional Rod	7248095
100mm Conventional Rod	7248100
105mm Conventional Rod	7248105
110mm Conventional Rod	7248110
115mm Conventional Rod	7248115
120mm Conventional Rod	7248120
125mm Conventional Rod	7248125
130mm Conventional Rod	7248130
135mm Conventional Rod	7248135
140mm Conventional Rod	7248140
145mm Conventional Rod	7248145
150mm Conventional Rod	7248150
SpheRx II Anterior System (Implant Tray, Lid)	7250126
SpheRx II Anterior System (Implant Tray, Insert One)	7250127
SpheRx II Anterior System (Implant Tray, Insert Two)	7250128
SpheRx II Anterior System (Implant Tray, Base)	7250129
SpheRx IFU	9003905



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