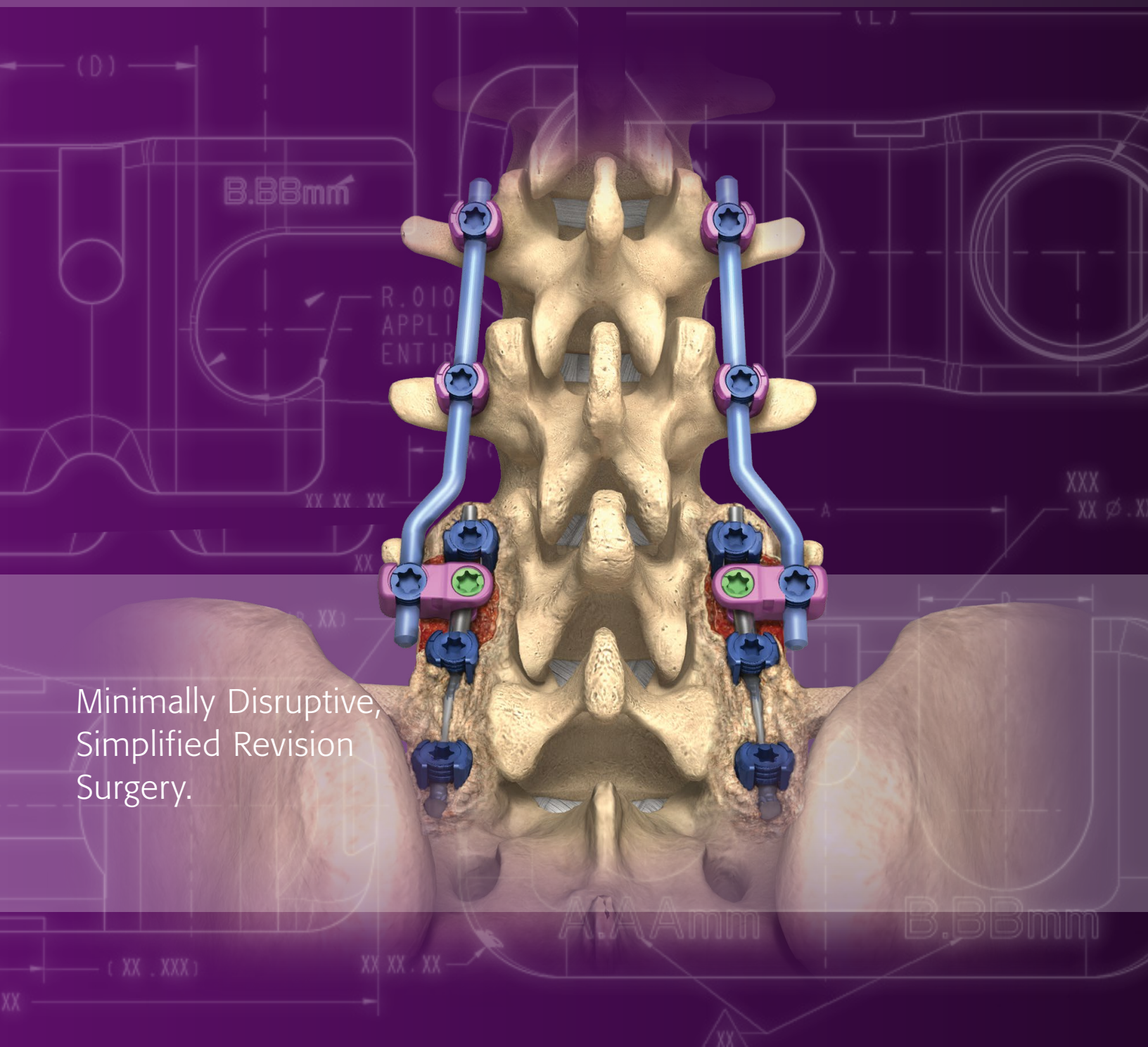
NuVasive®
Speed of Innovation®

ARMADA®

Adjacent Segment Fixation



Minimally Disruptive, Simplified Revision Surgery.

Pathology-Specific Solutions

ARMADA® ADJACENT SEGMENT FIXATION: MINIMAL TISSUE DISRUPTION, SURGICAL VERSATILITY

The Armada Adjacent Segment Fixation (ASF) system is designed to reduce morbidity and simplify revision surgery by offering instrumentation designed to streamline fusion mass removal and implant delivery through a minimized exposure. With a variety of implant options, the Armada ASF system has the versatility to link onto existing constructs with minimal tissue disruption and accommodate multiple surgical approaches to revision surgery.

ARMADA ASF IMPLANTS

Open-Open

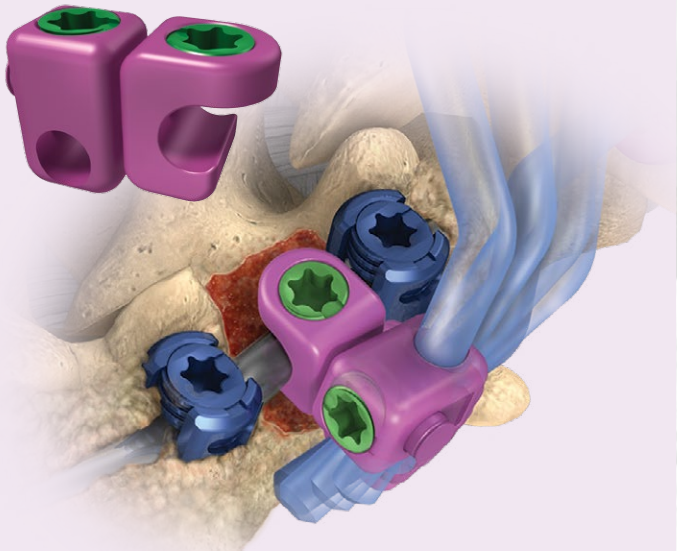
■ 5.5 – ■ 5.5mm
■ 6.35 – ■ 5.5mm

Side Loading

■ 5.5 – ■ 5.5mm
■ 6.35 – ■ 5.5mm

360° Side Loading

■ 5.5 – ■ 5.5mm
■ 6.35 – ■ 5.5mm



2-Hole Parallel

■ 5.5 – ■ 5.5mm
■ 6.35 – ■ 5.5mm

Available in multiple offsets.

4-Hole Parallel

■ 5.5 – ■ 5.5mm
■ 6.35 – ■ 5.5mm

Available in multiple offsets.

2-Hole Inline

■ 5.5 – ■ 5.5mm
■ 6.35 – ■ 5.5mm

4-Hole Inline

■ 5.5 – ■ 5.5mm
■ 6.35 – ■ 5.5mm

5.5mm Offset Rod with Tulip

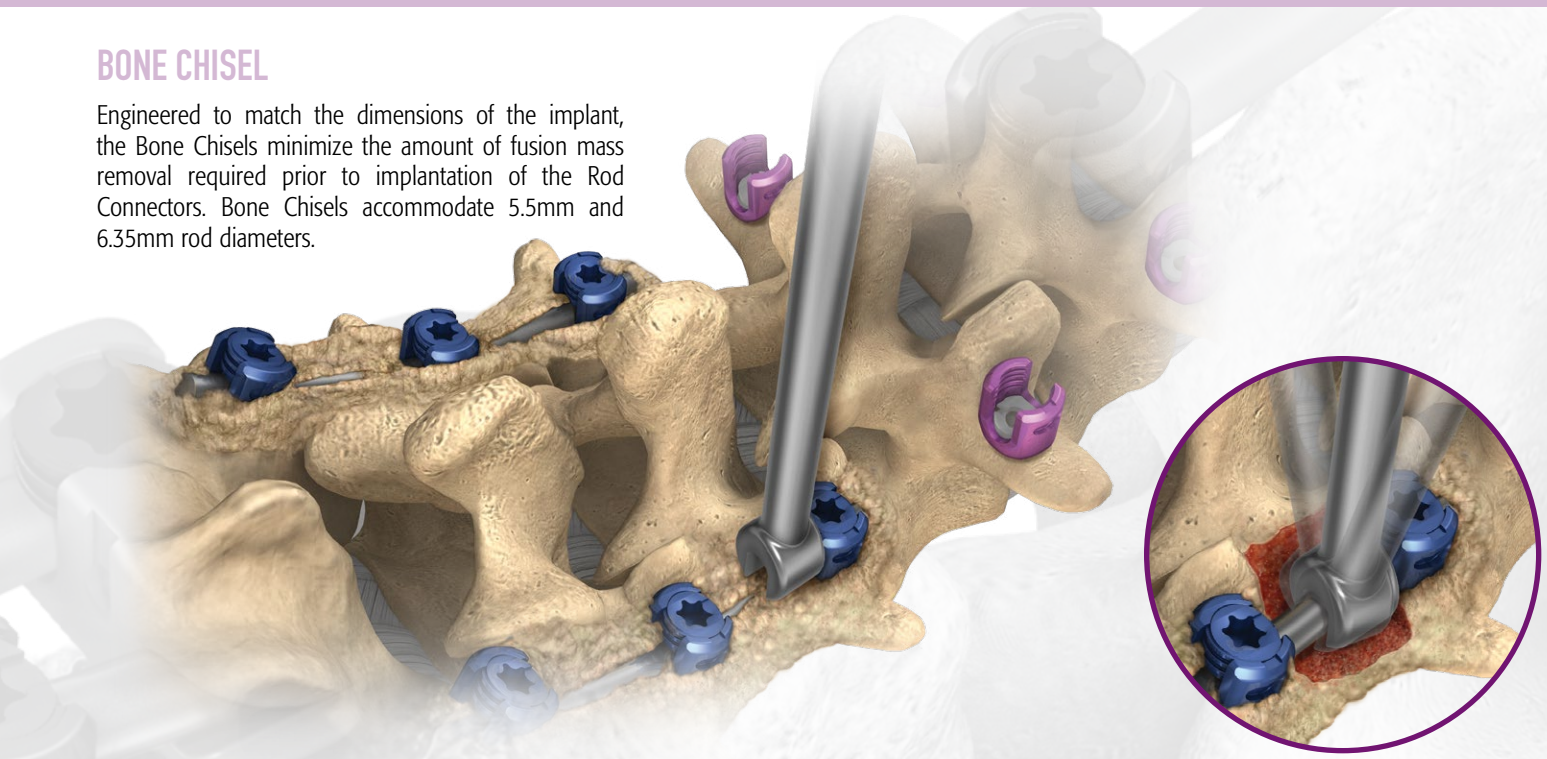
5.5mm Offset Rod

Sophisticated Instrumentation

ROD EXPOSURE

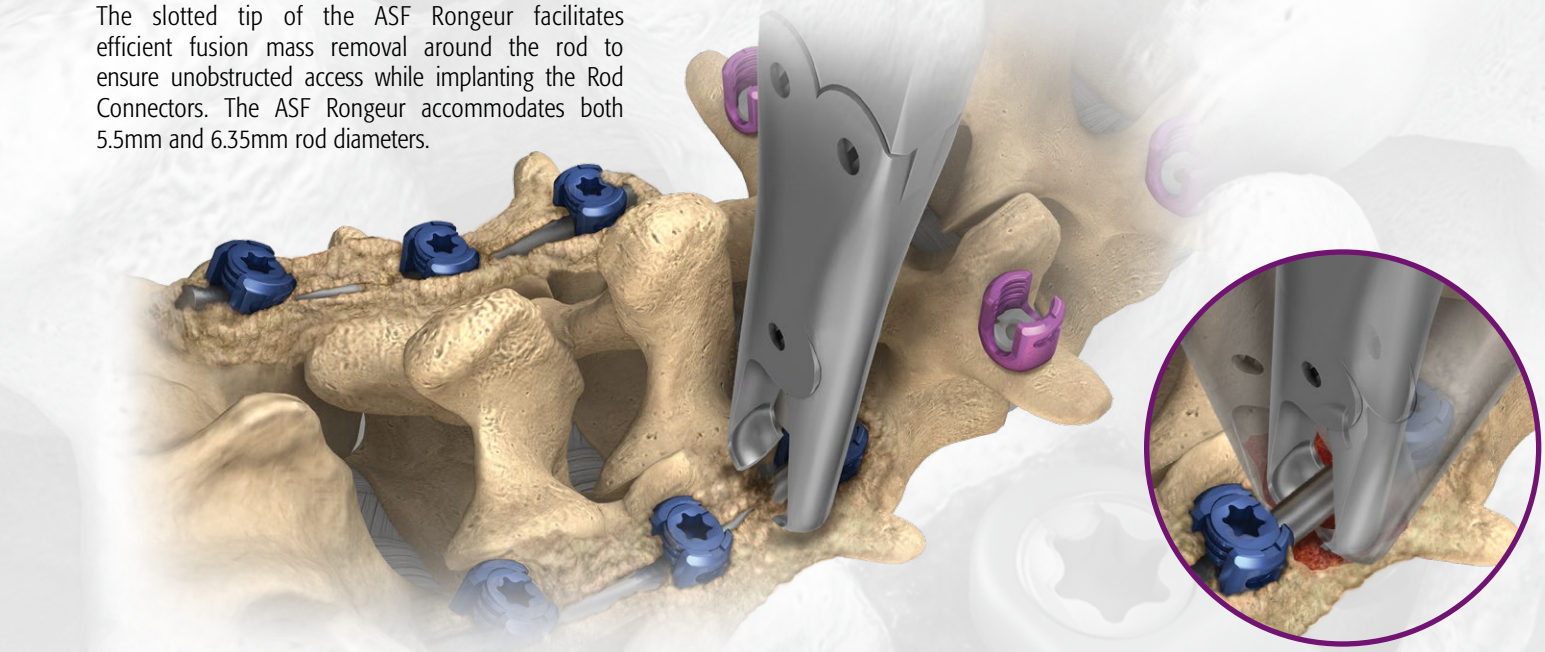
BONE CHISEL

Engineered to match the dimensions of the implant, the Bone Chisels minimize the amount of fusion mass removal required prior to implantation of the Rod Connectors. Bone Chisels accommodate 5.5mm and 6.35mm rod diameters.



ASF RONGEUR

The slotted tip of the ASF Rongeur facilitates efficient fusion mass removal around the rod to ensure unobstructed access while implanting the Rod Connectors. The ASF Rongeur accommodates both 5.5mm and 6.35mm rod diameters.



ARMADA®

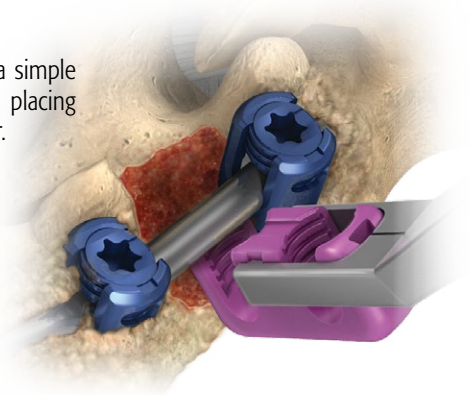
IMPLANT PLACEMENT

THREADED INSERTER

Compatible with any open-style Rod Connector, the Threaded Inserter enables controlled manipulation of the implant.

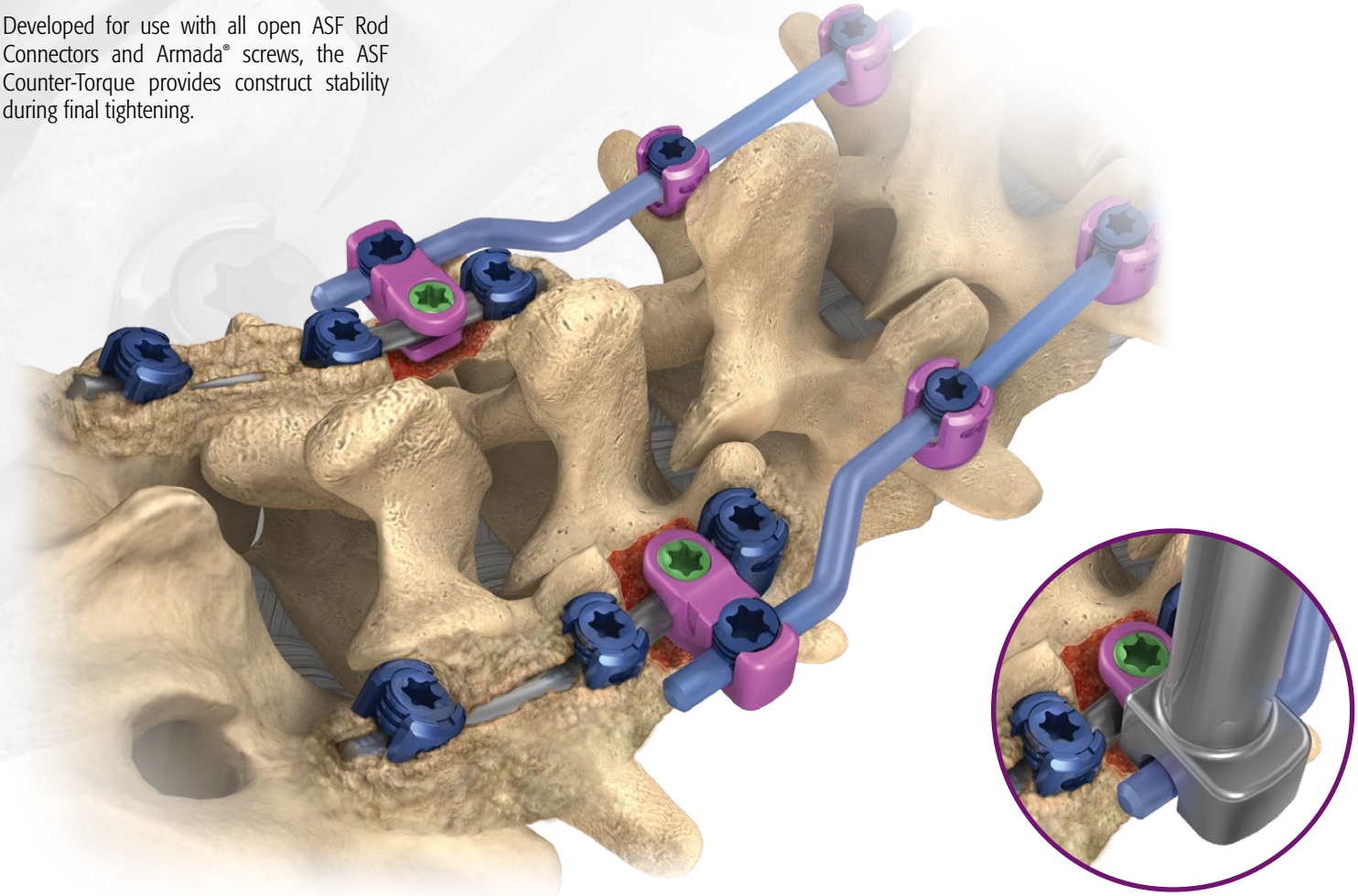
IMPLANT HOLDER

The Implant Holder ensures a simple and secure connection when placing any open-style Rod Connector.



FINAL CONSTRUCT

Developed for use with all open ASF Rod Connectors and Armada® screws, the ASF Counter-Torque provides construct stability during final tightening.



Clinical Experience

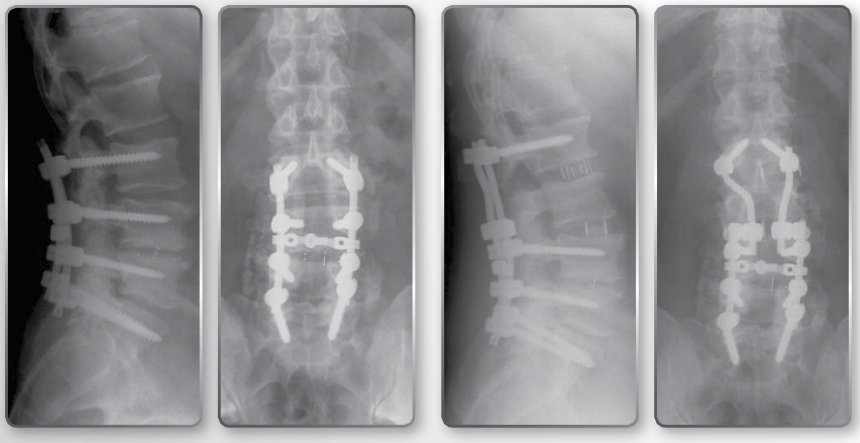
REVISION SURGERY

"This patient is a 56-year-old male who had previously undergone L3-S1 fusion (interbody at L4-L5 and posterolateral L3-S1) by another surgeon. He initially did well, but about 6 months after surgery, he developed rapidly progressive mid-back pain with bilateral lower extremity paresthesias and pain. MRI revealed adjacent-level disease and stenosis at L2-L3, and CT and bone scan revealed haloing of the L3 screws. The surgical treatment consisted of an XLIF® at L2-L3 and at L3-L4 with cutting of the rods just below the L3 screws. The pedicles of L3 were too attenuated for use, so L2 screws were placed and the ASF Rod Connectors were linked to the remaining rod above the L4 screws.

The XLIFs allowed expedient, minimal blood loss, and superior interbody grafting of the pseudoarthrosis and the de novo levels, with significant improvement in lordosis. When we limited the posterior procedure to the upper level of the prior fusion, a considerable amount of tissue dissection was spared, with concomitant decreased intra-op blood loss and post-op pain. Patient was discharged home on post-op day 2 with immediate resolution of symptoms."

– David A. Vincent, M.D., Neurological Surgeon

PRE-OP **POST-OP**



Lateral *A/P* *Lateral* *A/P*

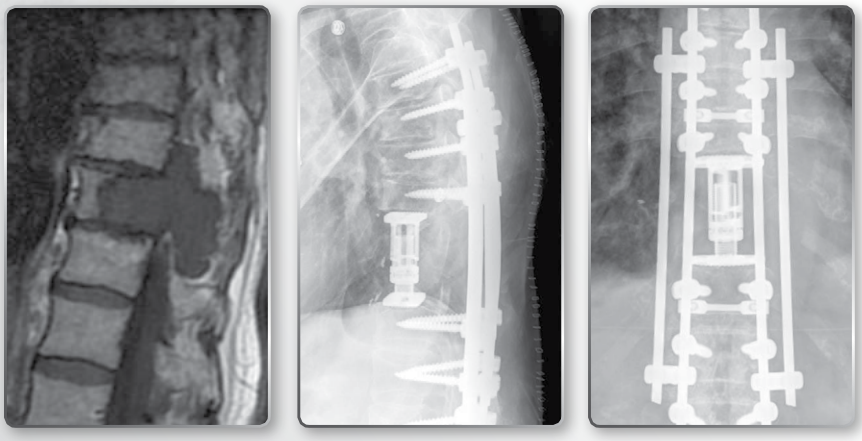
PRIMARY SURGERY

"The imaging for a 69-year-old female with 3 weeks of back pain and weakness showed a lytic lesion. The performed biopsy consisted of a chondrosarcoma (primary malignant bone tumor) located at T10 and T11 vertebral bodies. Surgical strategy consisted of a two-stage 360° approach. Stage 1: via the XLIF approach, the ALL, PLL, and discs were released at T9-T10 and T11-T12. Stage 2: two days later, via a posterior approach, the T10 and T11 vertebral bodies were resected en bloc. Posterior reconstruction was accomplished by implanting X-CORE® 2 and Armada® pedicle screws from T7 to L2. Utilizing Rod-to-Rod Connectors, 4 Armada cobalt-chromium rods were used to stabilize the construct.

The XLIF lateral approach allowed complete anterior column release to allow en bloc resection of the tumor. X-CORE 2 provided a customized expandable cage to fill the corpectomy site. The Armada system and a 4-rod CoCr construct enabled rigid stabilization of the 2-level corpectomy."

– Vedat Deviren, M.D., Orthopaedic Surgeon

PRE-OP **POST-OP**



Lateral *Lateral* *A/P*

ARMADA® ADJACENT SEGMENT FIXATION TRAY

The Armada ASF tray provides a variety of implant options for simple to complex revision surgeries. The Rod Connectors were designed for compatibility with multiple rod diameters and various tulip widths while accommodating a variety of surgical approaches.

DESCRIPTION	CATALOG #
Open-Open Rod Connector, Ti, 5.5 - 5.5mm	8452152
Open-Open Rod Connector, Ti, 6.35 - 5.5mm	8452156
Side Loading Rod Connector, Ti, 5.5 - 5.5mm	8452855
Side Loading Rod Connector, Ti, 6.35 - 5.5mm	8452856
360° Side Loading Rod Connector, Ti, 5.5 - 5.5mm	8453255
360° Side Loading Rod Connector, Ti, 6.35 - 5.5mm	8453256
2-Hole Parallel Rod Connector, Ti, 5.5 - 5.5mm	8454402
2-Hole Parallel Rod Connector, Ti, 6.35 - 5.5mm	8464402
4-Hole Parallel Rod Connector, Ti, 5.5 - 5.5mm	8454602
4-Hole Parallel Rod Connector, Ti, 6.35 - 5.5mm	8464602
2-Hole Parallel Rod Connector, Ti, 5.5 - 5.5mm, Wide	8454404
2-Hole Parallel Rod Connector, Ti, 6.35 - 5.5mm, Wide	8464404
4-Hole Parallel Rod Connector, Ti, 5.5 - 5.5mm, Wide	8454604
4-Hole Parallel Rod Connector, Ti, 6.35 - 5.5mm, Wide	8464604
2-Hole Inline Rod Connector, Ti, 5.5 - 5.5mm	8452425
2-Hole Inline Rod Connector, Ti, 6.35 - 5.5mm	8452426
4-Hole Inline Rod Connector, Ti, 5.5 - 5.5mm	8452445
4-Hole Inline Rod Connector, Ti, 6.35 - 5.5mm	8452446
Offset Rod with Tulip, Ti, Right Side, 5.5 - 5.5mm, 15 x 200mm	8452512
Offset Rod with Tulip, Ti, Left Side, 5.5 - 5.5mm, 15 x 200mm	8452412
Offset Rod, Ti, 5.5mm	8452004

DESCRIPTION	CATALOG #
ASF 5.5mm Bone Chisel	7459614
ASF 6.35mm Bone Chisel	7459615
ASF Rongeur	7459608
Threaded Inserter	7459624
Angled Kocher Inserter	7459619
ASF Cobb	7459617
Single-Level Offset Rod Template	7459620
Offset Rod Template	7459613
Expandable Lock Screw Starter	7270080
ASF Counter-Torque	7459621
Torque T-Handle	7240025
Lock Screw Driver	7459023
Lock Screws (Open)	8461100
Lock Screws (Closed)	8051100
Deformity System IFU	9400798

ARMADA PRIMARY SURGERY ROD CONNECTOR TRAY

The Primary Surgery Rod Connector tray is designed to offer multiple options to connect rods during primary surgeries.

DESCRIPTION	CATALOG #
Open-Open Rod Connector, Ti, 5.5 - 5.5mm	8452152
Side Loading Rod Connector, Ti, 5.5 - 5.5mm	8452855
2-Hole Parallel Rod Connector, Ti, 5.5 - 5.5mm, Narrow	8451402
4-Hole Parallel Rod Connector, Ti, 5.5 - 5.5mm, Narrow	8451602
2-Hole Parallel Rod Connector, Ti, 5.5 - 5.5mm	8454402
4-Hole Parallel Rod Connector, Ti, 5.5 - 5.5mm	8454602
2-Hole Inline Rod Connector, Ti, 5.5 - 5.5mm	8452425
4-Hole Inline Rod Connector, Ti, 5.5 - 5.5mm	8452445

DESCRIPTION	CATALOG #
Lock Screws (Open)	8461100
Lock Screws (Closed)	8051100
ASF Counter-Torque	7459621
Deformity System IFU	9400798

NUVASIVE®
Speed of Innovation®

To order, please contact your NuVasive® Sales Consultant or Customer Service Representative today at:
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