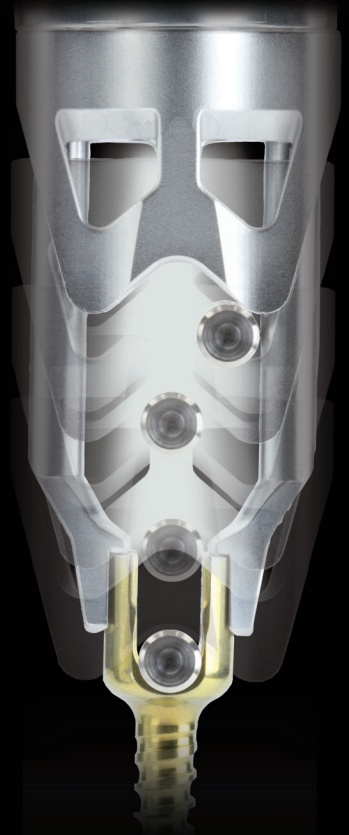




Rocket™ Threaded Reducer

Efficient design to help overcome intra-operative challenges

- Tactile and secure engagement
- Controlled sequential reduction
- Self-centering rod feature

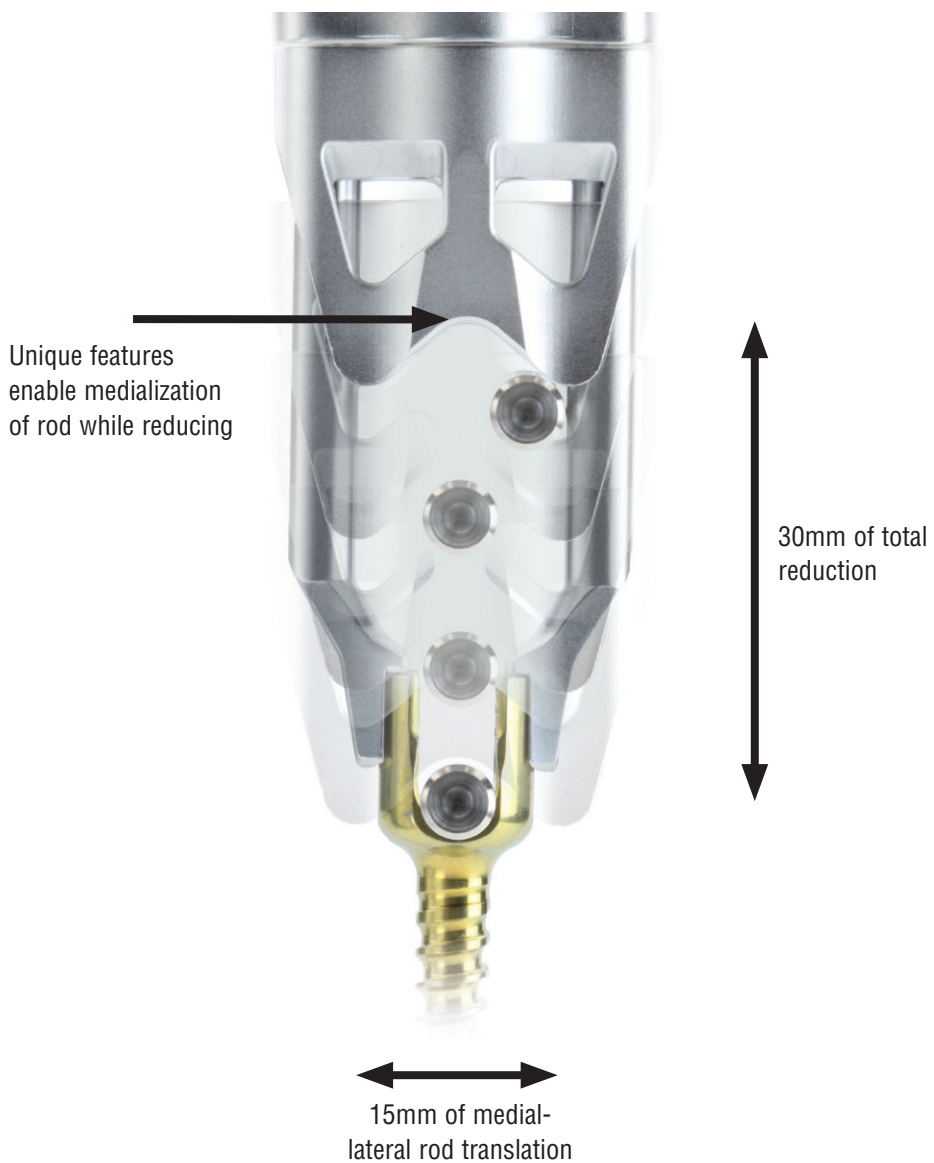


BIOMET[®]
SPINE

Efficient Design

The Rocket™ Threaded Reducer provides simultaneous rod translation and reduction. Its unique features guide a rod into proper screw head position.

- Rod capture window allows straightforward screw engagement while accommodating significant medial or lateral rod offset



Unique Instrumentation

The Rocket™ Threaded Reducers have been designed to facilitate rod reduction in a myriad of spinal procedures. Rocket™ Instruments have the unique ability to guide the rod into position while reducing it into the screw.

Highlights of the Short and Long Rocket™ Threaded Reducers:

- Spring loaded tips provide tactile and secure engagement
- Infinite adjustability range for controlled and sequential reduction
- Self-centering reduction design
- Cannulated body for plug insertion and tightening

Multiple Handle Options



QC Adaptor



Offset T-Handle



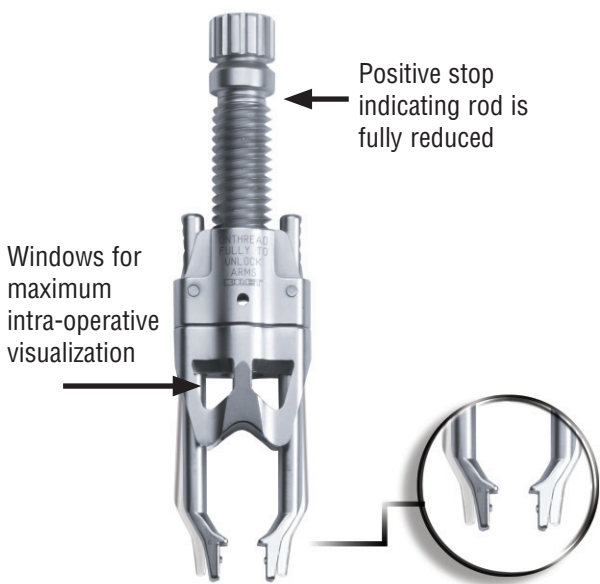
T-Handle



Visual indications of secure attachment or complete disengagement

Laser markings for "back table" preparation

Controlled disengagement from implant aids in instrument removal

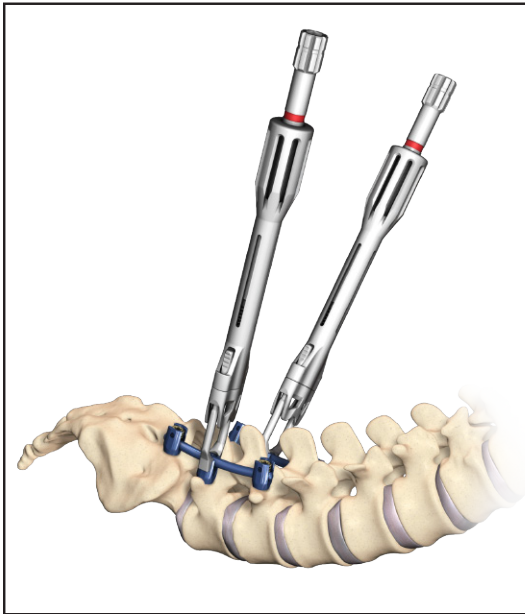


Positive stop indicating rod is fully reduced

Windows for maximum intra-operative visualization

Spring loaded tips facilitate implant engagement

Degenerative Case Study



Summary: The patient presented with over five years of back and leg pain with weakness in the right L5 distribution. After failure of conservative treatments, she opted for a surgical intervention.

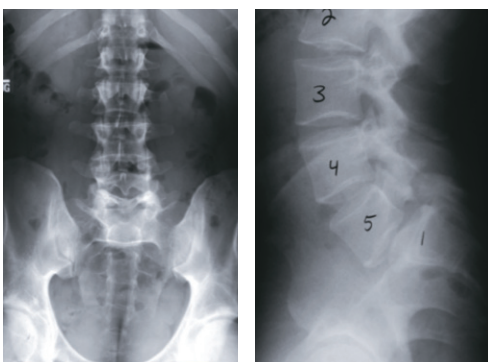
Pathology: Grade II spondylolisthesis at L5-S1, lumbar stenosis and degenerative disc disease

Procedure: TLIF and PSF utilizing the Polaris™ Spinal System

Instrumented Levels: L4-S1

Surgical Procedure: L4 and L5 laminectomies, bilateral laminotomy, foraminotomies at L4-5 and L5-S1, posterior interbody fusion at L4-5 and L5-S1, and bilateral Polaris™ Pedicle Screw instrumentation at L4-S1 were performed. Controlled reduction was performed and Titanium alloy rods were utilized to stabilize the construct.

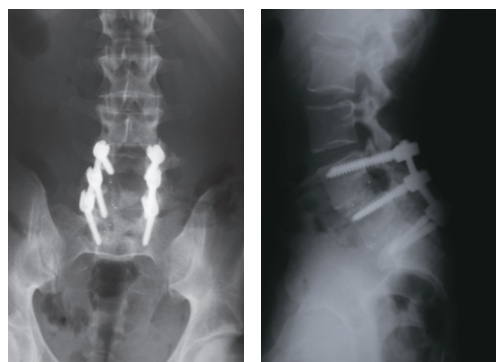
Post-Operative Results: Patient has done extremely well. Her leg pain and weakness have been resolved and she has shown vast improvement in her low back pain.



P-A

Lateral

Pre-Operative X-ray

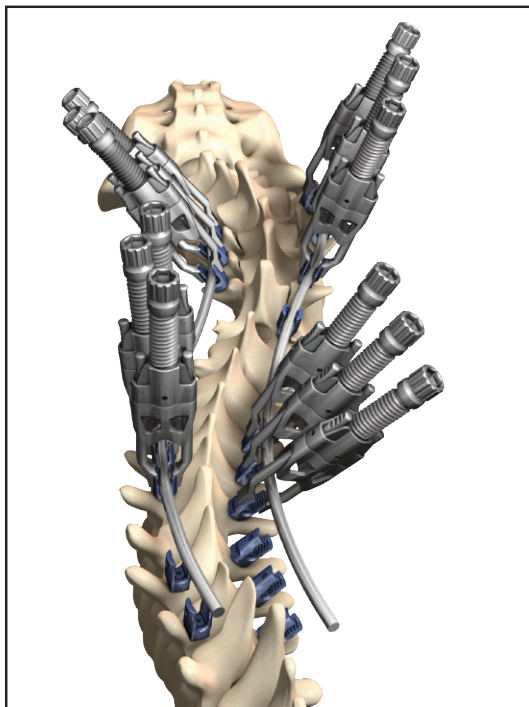


P-A

Lateral

Post-Operative X-ray

Deformity Case Study



Summary: The patient presented with progressive scoliosis. After the failure of conservative treatment, she opted for surgical intervention.

Pathology: Idiopathic Scoliosis (T5-T12), Lenke I BN

Cobb Measurements		
	Pre-Operative	Post-Operative
T1-T5	38°	14°
T5-T12	59°	13°
T12-L5	32°	18°

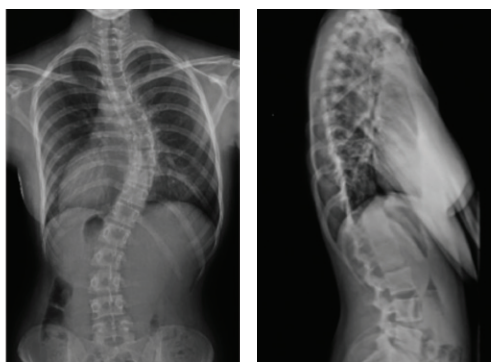
Instrumented Levels: T4-L1

Surgical Procedure: Ponte osteotomies were performed at the apex of the thoracic curve (T7-11), bilateral Polaris™ pedicle screw cluster instrumentation was utilized (T4-L1) with a Cross Connector to add torsional stability. Controlled rod reduction and 3-D vertebral body rotation were performed.

Implant Selection: Uniplanar Screws, High Strength Grade Cobalt Chrome Rods and a Cross Connector.

Osteobiologics Selection: Pro Osteon® 500R and Demineralized Cortical powder.

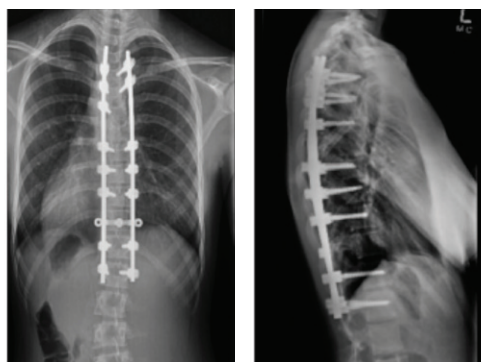
12-Week Follow Up: No changes.



P-A

Lateral

Pre-Operative X-ray



P-A

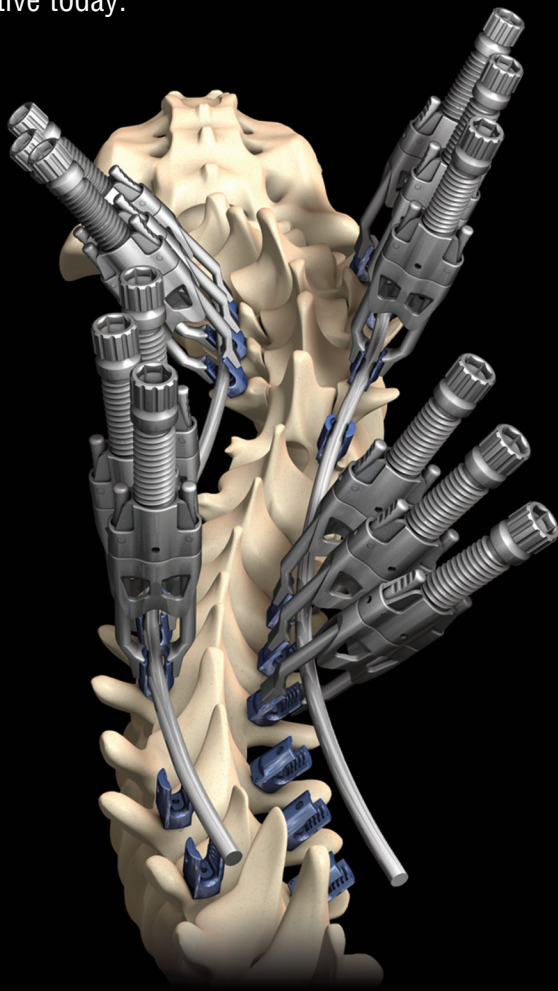
Lateral

Post-Operative X-ray

Rocket™ Threaded Reducer

At Biomet, engineering excellence is our heritage and our passion. For over 25 years, through various divisions worldwide, we have applied the most advanced engineering and manufacturing technology to the development of highly durable systems for a wide variety of surgical applications.

To learn more about this product, contact a Biomet Sales Representative today.



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