INTRODUCTION

Spine surgeons extending the construct down to the sacrum and the pelvis face numerous challenges: poor bone quality of the sacrum, a unique combination of biomechanical forces and complex anatomy in the sacropelvic region. EXPEDIUM® Sacropelvic Collection has been designed to help the spine surgeon overcome those challenges by offering multiple implant options that will adapt to each patient's anatomy and specific indication, and the surgeon's preferred technique. These implants are also completely compatible with the EXPEDIUM Spine System instrumentation surgeons are already familiar with.

EXPEDIUM SACROPELVIC COLLECTION

ILIAC SCREW OPTIONS

- The EXPEDIUM Sacropelvic Collection includes a range of iliac screw styles and materials to adapt to patient anatomy and surgeons' preferred fixation technique.

- All Sacropelvic Collection screw designs include a lower profile to reduce the prominence of the instrumentation in the sacropelvic area.

- The EXPEDIUM TOP NOTCH™ feature has been incorporated into all iliac screws to allow for compatibility with all EXPEDIUM instruments and to contribute to streamlining the spine procedure.

ILIAC BOLTS

- Dual Rod capable – same screw accepts a 5.5 and 6.35mm rod.
- Available in 7, 8, 9, and 10mm diameters.
- Available in SS and Ti. Ti is CoCr alloy compatible.
- Low profile to reduce implant prominence.
- Strong connection for the complex sacropelvic anatomy.

OPEN POLYAXIAL ILIAC SCREWS

- Designed for 5.5 or 6.35mm rod systems.
- Available in 8, 9 and 10mm diameters.
- Available in stainless steel (SS) and titanium (Ti). Ti is Cobalt chromium (CoCr) alloy compatible.
- Up to 60 degrees of screw angulation.
- Improved screw design includes a single innie set screw, reduced profile and the EXPEDIUM TOP NOTCH feature.

CLOSED POLYAXIAL ILIAC SCREWS

- Designed for 5.5 or 6.35mm rod systems.
- Available in 7, 8 and 9mm diameters.
- Available in SS and Ti. Ti is CoCr alloy compatible.
- Closed screw head allows for a lower profile and shorter run-on-rod.
- Unique instrumentation available for percutaneous techniques.
LATERAL CONNECTOR OPTIONS

• The EXPEDIUM Sacropelvic Collection includes a range of lateral connector styles and materials to adapt to patient anatomy and surgeons' preferred sacropelvic fixation technique.

• All lateral connectors feature a low profile to minimise tissue disruption in the sacropelvic area.

• The polyaxial design of the lateral connectors facilitates rod placement and contributes to the efficiency of the procedure.

FIXED LATERAL CONNECTORS – OPEN & CLOSED

• Designed for 5.5 or 6.35 mm rod systems.
• Available in 20-150 mm lengths.
• Available in SS and Ti. Ti is CoCr alloy compatible.
• Open head includes the EXPEDIUM TOP NOTCH feature to interface with reduction instruments.
• Fixed configuration provides the most secure connection for the sacropelvic construct.

POLYAXIAL LATERAL CONNECTORS – OPEN & CLOSED

• Designed for 5.5 or 6.35 mm rod systems.
• Available in 20, 50 & 150 mm lengths.
• Available in SS and Ti. Ti is CoCr alloy compatible.
• Polyaxial capability (40°) between the head and the rod.
• Closed head design provides the lowest profile among the EXPEDIUM lateral connectors.
OPEN FLEX-CLIP AND ONE-HAND REDUCTION INSTRUMENTS

The Flex-Clip and One-Hand Reduction Instruments are designed to work with the TOP NOTCH feature of the screws in the Sacropelvic Collection. They provide a quick and easy method for reduction and fixation of pelvic fractures.

TECHNIQUE HIGHLIGHTS

CLOSED POLYAXIAL MINI QUICK STICKS

- The Mini Quick Sticks have been designed to connect with the TOP NOTCH feature in the Closed Polyaxial Iliac Screws. They allow for easy and quick attachment and release to the screw head while providing a secure connection. They also function as counter-torque during final tightening of the Closed Polyaxial Iliac Screws.

- For a mini open technique, the Mini Quick Sticks can also be used as screw extensions or as head adjusters. The Closed Polyaxial Screwdriver can be inserted through the Mini Quick Stick to facilitate percutaneous screw insertion.

TOP NOTCH FEATURE AND REDUCTION INSTRUMENTS

- All screws available in the Sacropelvic Collection have been designed with a reduced profile and the TOP NOTCH feature to provide compatibility with the EXPEDIUM Flex-Clip and One-Hand Reduction Instruments.
REFERENCES

INDICATIONS:
The EXPEDIUM Spine System is intended to provide immobilisation and stabilisation of spinal segments in skeletally mature patients as an adjunct to fusion in the treatment of acute and chronic instabilities or deformities of the thoracic, lumbar and sacral spine. The EXPEDIUM Spine System is intended for noncervical pedicle fixation and nonpedicle fixation for the following indications: degenerative disc disease (defined as back pain of discogenic origin with degeneration of the disc confirmed by history and radiographic studies); spondylolisthesis; trauma (i.e., fracture or dislocation); spinal stenosis; curvatures (i.e., scoliosis, kyphosis, and/or lordosis); tumour, pseudarthrosis; and failed previous fusion in skeletally mature patients. The EXPEDIUM® PEEK rods are only indicated for fusion procedures for spinal stenosis with instability (no greater than Grade I spondylolisthesis) from L1-S1 in skeletally mature patients.

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