

 **smith&nephew**
TRIGEN[®]
INTERTAN[®]
Intertrochanteric Antegrade Nail

Geared for stability

The TRIGEN INTERTAN nail brings advanced TRIGEN nail technology to hip fractures. With a unique integrated, interlocking screw construct, TRIGEN INTERTAN nail provides all the benefits of a traditional IM nail surgical approach, while also increasing stability and resistance to intraoperative and post-operative femoral head rotation.



INTERTAN[◇] Nails — Geared for Stability

The TRIGEN INTERTAN short nail was designed as a trochanteric portal intramedullary nail targeted for fractures of the proximal femur. The INTERTAN system offers anatomical trapezoidal implants as opposed to conventional circular intramedullary nails.

The INTERTAN system offers an integrated interlocking screw option to increase stability and resistance to intra-operative and post-operative femoral head rotation, thus eliminating excessive sliding and the possibility of Z-effect. The INTERTAN nail is a fourth generation intramedullary nail combining the rotational stability of the original RUSSELL-TAYLOR[®] Reconstruction Nail with the enhanced sliding and compression of the IMHS[®] Intramedullary Hip Screw. The INTERTAN system screw utilizes the best of both concepts.

The option of a single lag screw device placed in the femoral head is available for rotationally stable proximal femur fractures.

Devices in the proximal femur are at their greatest stress levels when the hip is placed through its flexion extension arc (ex: chair rise and climbing stairs). During this event, the trapezoidal shape of the INTERTAN system enhances stability of the implant within the femur. In addition, the integrated screw configuration imparts rotational stability in the femoral head and neck segment, and offers a greater resistance to cutout. With these features, the INTERTAN system provides an innovative treatment option for proximal femur fractures.



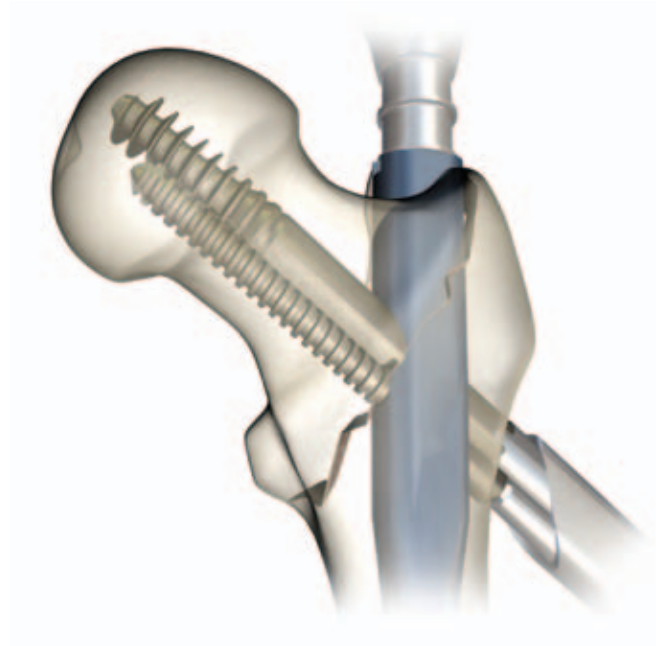
This next generation nail in the TRIGEN® system provides these clear advantages:

Implants

- Additional strength and stability with a unique integrated interlocking screw and trapezoidal nail shape
- Improved resistance to femoral head rotation and cutout
- Active compression achieved through a linear motion without rotation
- Single subtrochanteric lag screw option for stable fractures below the lesser trochanter
- Preloaded cannulated set screw converts the construct to a fixed angle device
- The small proximal diameter of the nail promotes preservation of the lateral wall of the greater trochanter and gluteus medius tendon
- Clothespin tip for stress modulation in the femoral shaft
- Potential for improved patient mobility and recovery

Instrumentation

- Familiar, easy-to-use, minimally invasive TRIGEN Instrumentation
- Anti-rotation bar maintains stability during drilling and screw insertion
- Alignment guides for proper lag screw placement in the femoral neck and head

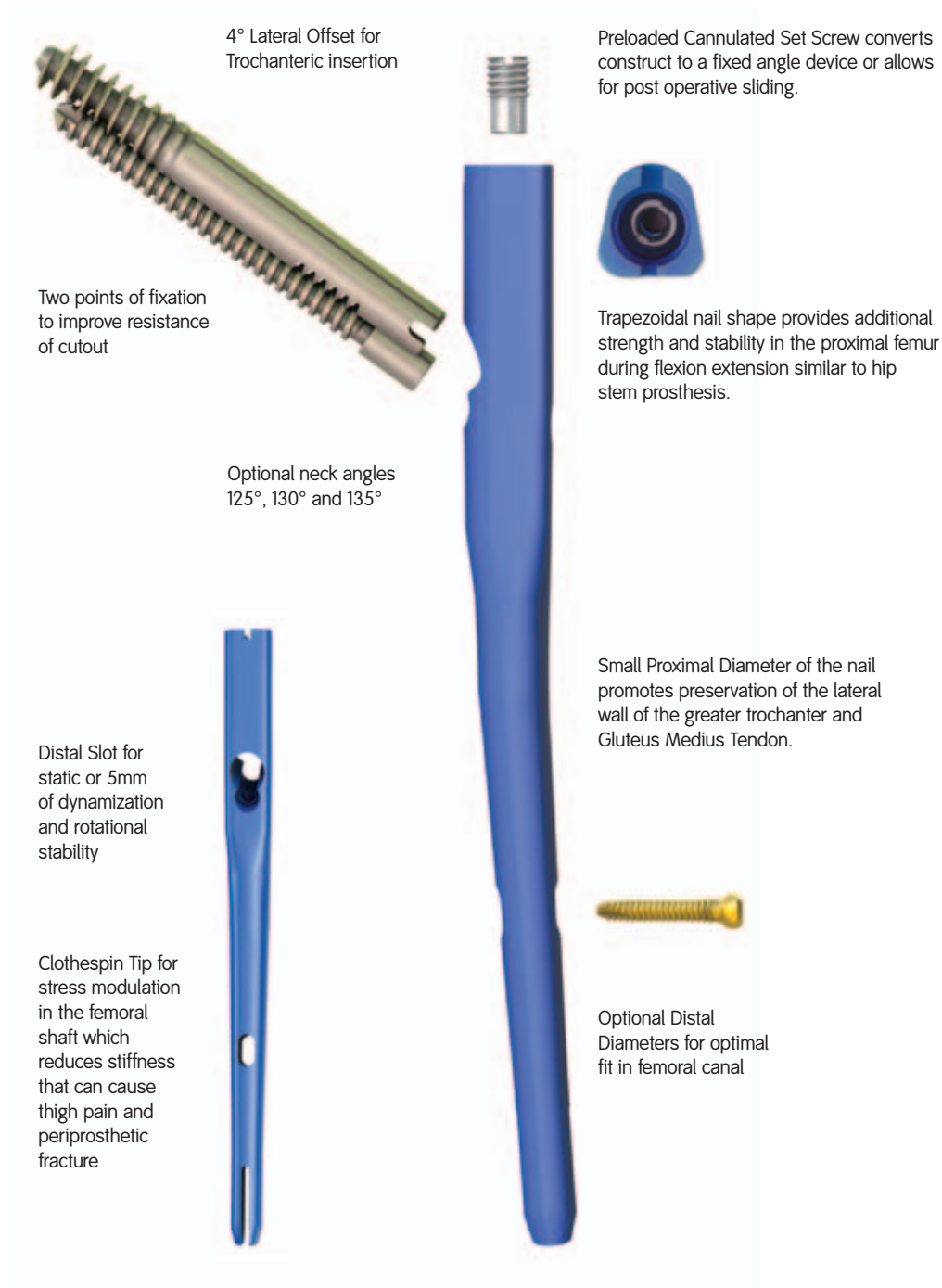


Design Features

Two-screw integrated interlocking provides:

Improved resistance to femoral head rotation and cutout

Active compression achieved through a linear motion without rotation



Catalog Information — Nails

Cat. No.	Description	Qty.
7167-1250	INTERTAN[◊] 125° 10mm & 11.5mm x 18cm Set	
7167-5201	INTERTAN 10mm x 18cm 125°	1
7167-5202	INTERTAN 11.5mm x 18cm 125°	1
7167-1350	INTERTAN 130° 10mm & 11.5mm x 18cm Set	
7167-5207	INTERTAN 10mm x 18cm 130°	1
7167-5208	INTERTAN 11.5mm x 18cm 130°	1
7167-1251	INTERTAN 125° 10mm x 34–40cm Set	
7167-5221	INTERTAN 10mm x 34cm 125° Left Lime	1
7167-5222	INTERTAN 10mm x 34cm 125° Right Rose	1
7167-5223	INTERTAN 10mm x 36cm 125° Left Lime	1
7167-5224	INTERTAN 10mm x 36cm 125° Right Rose	1
7167-5225	INTERTAN 10mm x 38cm 125° Left Lime	1
7167-5226	INTERTAN 10mm x 38cm 125° Right Rose	1
7167-5227	INTERTAN 10mm x 40cm 125° Left Lime	1
7167-5228	INTERTAN 10mm x 40cm 125° Right Rose	1
7167-1351	INTERTAN 130° 10mm x 34–40cm Set	
7167-5265	INTERTAN 10mm x 34cm 130° Left Lime	1
7167-5266	INTERTAN 10mm x 34cm 130° Right Rose	1
7167-5267	INTERTAN 10mm x 36cm 130° Left Lime	1
7167-5268	INTERTAN 10mm x 36cm 130° Right Rose	1
7167-5269	INTERTAN 10mm x 38cm 130° Left Lime	1
7167-5270	INTERTAN 10mm x 38cm 130° Right Rose	1
7167-5271	INTERTAN 10mm x 40cm 130° Left Lime	1
7167-5272	INTERTAN 10mm x 40cm 130° Right Rose	1

