FEMORAL RECON NAIL SYSTEM

COMPREHENSIVE SOLUTION FOR THE TREATMENT OF FEMORAL SHAFT FRACTURES

Choice of Greater Trochanter and Piriformis Fossa Approaches
The FRN is an integrated nailing system designed to adapt to multiple surgical approaches.

As part of the DePuy Synthes portfolio the FRN leverages the global success and learnings of the EXPERT NAIL® System and TFN-ADVANCED® Proximal Femur Nailing System (TFNA).

The FRN System provides the choice of Piriformis Fossa (PF) and Greater Trochanter (GT) entry points and anatomical nail designs to support surgical preferences and facilitate hospital standardization.

The FRN was designed to provide COMPREHENSIVE SURGICAL OPTIONS, to address ANATOMICAL FIT and to REDUCE PROCEDURAL COMPLEXITY.
The DePuy Synthes Femoral Recon Nail System offers an extensive range of surgical entry points and locking options to meet more surgeons’ needs for femoral shaft fractures.

Nail designed to better fit patient anatomy and help avoid impinging anterior cortex compared to nails with a larger radius of curvature.¹²

The FRN instrumentation includes features designed to reduce surgical complexity facilitating intraoperative visualization, implant positioning and alignment as well as ease of use for OR staff.
COMPREHENSIVE SURGICAL OPTIONS

The DePuy Synthes Femoral Recon Nail System offers an extensive range of surgical entry points and locking options to meet more surgeons’ needs for femoral shaft fractures.

DISTAL LOCKING OPTIONS

Equipped with four distal locking options, including an oblique distal hole offset 10° to better target bone in the condyles and an A/P hole that provides an optional purchase point.

COMPATIBLE WITH THE ANGULAR STABLE LOCKING SYSTEM (ASLS)

Designed to provide angular and axial stability.
ENTRY POINT SELECTION
Greater Trochanter and Piriformis Fossa entry point nail designs to accommodate varying patient anatomies and surgeon preference.

PROXIMAL LOCKING OPTIONS
Choice of standard and reconstruction locking modes allows for the treatment of a variety of femoral fracture patterns and locations.

PROXIMAL DYNAMIZATION OPTION

<table>
<thead>
<tr>
<th>DISTAL DIAMETERS</th>
<th>LENGTHS</th>
<th>MATERIAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>9 and 10 mm</td>
<td>280-480 mm (20 mm increments)</td>
<td>Titanium Alloy (TAN)</td>
</tr>
<tr>
<td>11, 12 and 14 mm</td>
<td>300-480 mm (20 mm increments)</td>
<td>Titanium Alloy (TAN)</td>
</tr>
</tbody>
</table>

All nails 13 mm proximal diameter (14 mm for 14 mm distal diameter nails)
Recon Screws CCD Angle is 130°
DESIGNED FOR ANATOMICAL FIT

Nail designed to better fit patient anatomy.

Femoral Recon Nail shape (1.0 m anatomic bow) based on multi-ethnic 3-D computational study designed to better fit patient anatomy and to help avoid impinging anterior cortex compared to nails with larger radius of curvature.¹

Simulated competitor nail

Blue = simulated nail with 1.5 m radius of curvature

DePuy Synthes

Gold = Femoral Recon Nail
1 m radius of curvature

Far Anterior
Anterior
Center
Posterior
Far Posterior

FRN (N=82)
21%
24%
35%
17%
4%

1.5 m ROC Femoral Nail (N=51)*
59%
25%
14%
2%
0%

*Test data on Gamma3® femoral nail, Stryker®¹

Distal nail tip position for 1.0 m ROC FRN compared to 1.5 m ROC nail¹

Short proximal nail end designed to reduce the risk of nail prominence compared with nails with a longer nail end.²

Gold = DePuy Synthes PF Femoral Recon Nail
Dashed = Simulated competitor PF nail with longer nail end
REDUCED PROCEDURAL COMPLEXITY

The FRN instrumentation includes features designed to reduce surgical complexity facilitating intraoperative visualization, implant positioning and alignment as well as ease of use for OR staff.

QUICK CLICK®
Self-Retaining Technology designed to facilitate attachment of nail to insertion handle.

RADIOLUCENT INSTRUMENTATION
Radiolucent insertion handle with radiographic indicators supports x-ray visualization and assists with guide wire placement.

SHARED INSTRUMENTATION
Shared instrumentation platform with lower extremities shaft nails and TFN-ADVANCED® Proximal Femur Nailing System (TFNA) can reduce inventory complexity and promote familiarity with the instrumentation.

REAMING PROTECTION SYSTEM
Reaming Protection System designed to protect the proximal metaphysis from lateralization during incremental reaming.
The Femoral Recon Nail System is intended for treatment of fractures in adults and adolescents (12-21) in which the growth plates have fused. Specifically, the system is indicated for:

- Subtrochanteric fractures
- Ipsilateral neck/shaft fractures
- Femoral shaft fractures
- Impending pathologic fractures
- Malunions and nonunions

Limited Warranty and Disclaimer: DePuy Synthes products are sold with a limited warranty to the original purchaser against defects in workmanship and materials. Any other express or implied warranties, including warranties of merchantability or fitness, are hereby disclaimed.

Please also refer to the package insert(s) and surgical technique associated with the devices identified in this brochure for additional information.

CAUTION: Federal law restricts these devices to sale by or on the order of a physician.

Some devices listed in this brochure may not have been licensed in accordance with the Canadian law and may not be for sale in Canada. Please contact your sales consultant for items approved for sale in Canada.

Not all products may currently be available in all markets.

REFERENCES

Manufactured or distributed by:
Syntes USA Products, LLC
1302 Wrights Lane East
West Chester, PA 19380

Syntes USA, LLC
1101 Synthes Avenue
Monument, CO 80132

To order (USA): 800-523-0322
To order (Canada): 844-243-4321

Note: For recognized manufacturer, refer to the product label.