

Nailing System

HUMERAL NAIL SYSTEM

Humeral Nails With Multiple Locking Options for Simple and Complex Fractures



Humeral Nails provide a comprehensive system for the treatment of humeral fractures. The system consists of short and long nails with multiple screw options to address simple and complex fractures of the proximal humerus as well as humeral shaft.

Innovative Design

- Polyethylene inlay for secure screw fixation of proximal screws.
- Ascending screw option to provide support to the calcar.
- Multiplanar distal locking for less implant toggling.
- Fully targeted distal locking for the short nail.
- Straight nail with central insertion point.
- Unique screw-in-screw option, for improved stability where needed*

Advantages

Anatomic reduction: Fracture reduction and fixation to restore anatomical relationships.

Early, active mobilization: Early and safe mobilization and rehabilitation of the injured part and the patient as a whole.

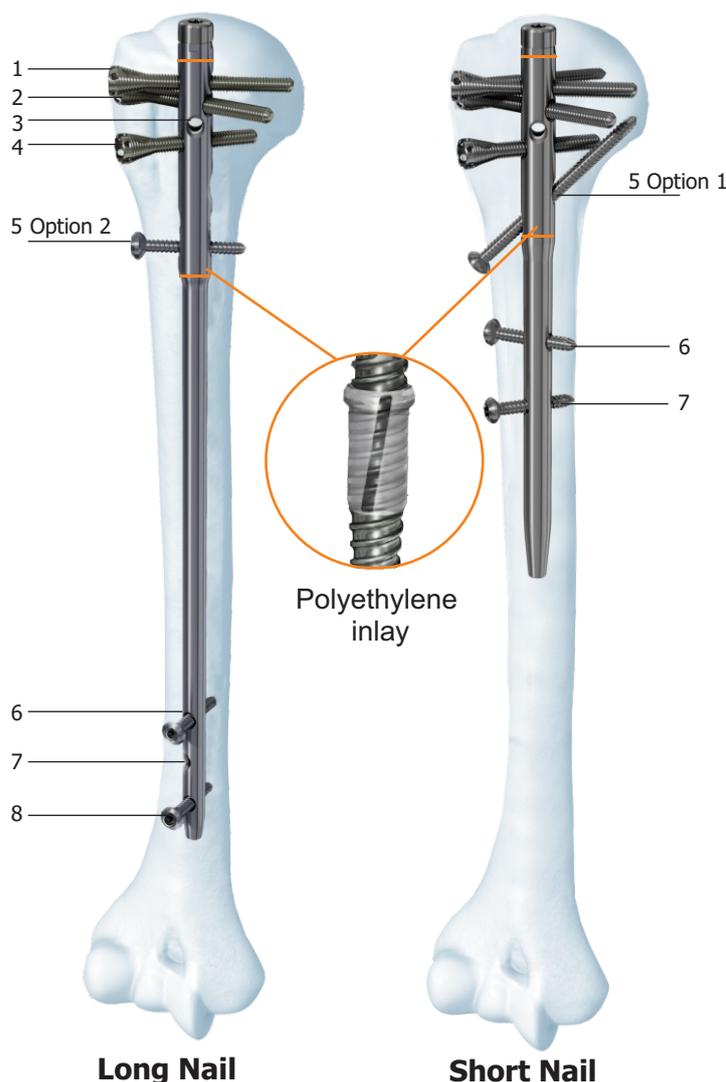
Stable fixation: Fracture fixation providing absolute or relative stability, as required by the patient, the injury, and the personality of the fracture.

Preservation of blood supply: Preservation of the blood supply to soft tissues and bone by gentle reduction techniques and careful handling

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Proximal locking: Levels 1 to 4

The lateral screws: (levels 1, 2 and 4) Provide multiple points of fixation in the head through the greater tuberosity. They ensure basic stability of the construct.

Additional screw-in-screws: (levels 1, 2 and 4) may be inserted through the screw heads of the lateral screws to increase stability especially in osteopenic bone.

The anterior screw: (level 3) May be used with a lesser tuberosity fragment if the fragment is large enough to accommodate the screw head. (Do not insert a 3.5 mm locking screw in this hole).

Ascending screw: (Option 1 Level 5) : The ascending screw supports the medial calcar region which can be helpful in medially comminuted fractures.

Compression screw: (Option 2 Level 5): The compression screw may be used for the compression of transverse or short oblique fractures.

Distal locking: (Levels 6 and 7) : The two distal locking screws are located in different planes to reduce implant toggling in the humeral canal, compared to monoplanar locking.

Distal locking: (Levels 6, 7 and 8): The three distal locking screws are located in two different planes to reduce implant toggling and increase stability of the osteosynthesis. The locking planes are situated in anatomical AP (Levels 6 and 8) and lateral oblique directions, at 25 degrees to each other (level 8).

➔ **Ti Securloc Humerus Nail (Long Nail)**
Right and Left Nails in 7.0 mm and 8.5 mm diameters, 180mm - 315mm Length

➔ **Ti Securloc Proximal Humerus Nail (Short Nail)**
Right and Left Nails in 8mm and 9.5mm diameters, 160mm Length



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We make legally safe implants in India for global requirements...