FLEX NAIL™
TITANIUM / STAINLESS STEEL

Flexible nails are designed for fixation of diaphyseal fractures

Avoid migration
Easy extraction

Adult Humerus
Pediatric Femur
Pediatric Tibia

Green Ø2.0 mm
Purple Ø2.5 mm
Yellow Ø3.0 mm
Blue Ø3.5 mm
Fuchsia Ø4.0 mm
Teal Ø5.0 mm

IMPLANTS

TITANIUM
FX221.200 Flex nail Ø2.0mm L=450mm
FX221.250 Flex nail Ø2.5mm L=450mm
FX221.300 Flex nail Ø3.0mm L=450mm
FX221.350 Flex nail Ø3.5mm L=450mm
FX221.400 Flex nail Ø4.0mm L=450mm
FX221.500* Flex nail Ø5.0mm L=450mm

STAINLESS STEEL
FX220.200 Flex nail Ø2.0mm L=450mm
FX220.250 Flex nail Ø2.5mm L=450mm
FX220.300 Flex nail Ø3.0mm L=450mm
FX220.350 Flex nail Ø3.5mm L=450mm
FX220.400* Flex nail Ø4.0mm L=450mm
FX220.500* Flex nail Ø5.0mm L=450mm

BLOCK STOP*
FX213.000 Blockstop Ø2.0mm Sterile
FX213.002 Blockstop Ø2.5mm Sterile
FX213.004 Blockstop Ø3.0mm Sterile
FX213.006 Blockstop Ø3.5mm Sterile
FX213.008 Blockstop Ø4.0mm Sterile
FX213.010 Blockstop Ø5.0mm Sterile
* on request

INSTRUMENTS

FX622.124 T-handle chuck inserter
FX622.126 Locking pliers
FX622.125 Nail cutter
FX622.127 Triangular awl
FX622.114 Upper implant tray
FX622.110 Complete instrumentation set

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INDICATIONS

FLEX NAIL™ are specifically designed for fixation of diaphyseal fractures when the medullary canal is narrow or flexibility of the implant is paramount:

- **Pediatric upper and lower long bones**
  *Femur, Tibia, Humerus*

- **Adult upper long bones**
  *Humerus*

SURGICAL TECHNIQUE

**Preparation:**
Reduce the fracture.
Choose appropriate nails.
Bend the nails in the same direction as the spatula’s curve.

**Metaphyseal incision:**
Make the incision at the metaphyseal cortex.
Using the square awl, drill a hole with oblique angle approximately 1 cm above.

**Nail introducing:**
Use the T-handle chuck to introduce the nail into the medullary canal as far as the fracture site.
Push the nail after the fracture site and continue to the opposite part.

**Nail cutting:**
Bend the exposed portion of the Flex Nail until it is perpendicular to the bone.
Use the pin cutter, cut the exposed nail near the surface of the bone, or near the blockstop.

**Nail extraction:**
Once the fracture has healed, remove the blockstop and extract the Flex Nail using the locking pliers.

Second nail positioning:
A minimum of two nails are required to stabilize the fracture. Repeat the same procedure to insert a second nail through the opposite cortex with an opposite curve pattern.

Blockstop*:
Place the appropriate blockstop on the exposed nail tip. Once the blockstop is placed, screw the key until it breaks.