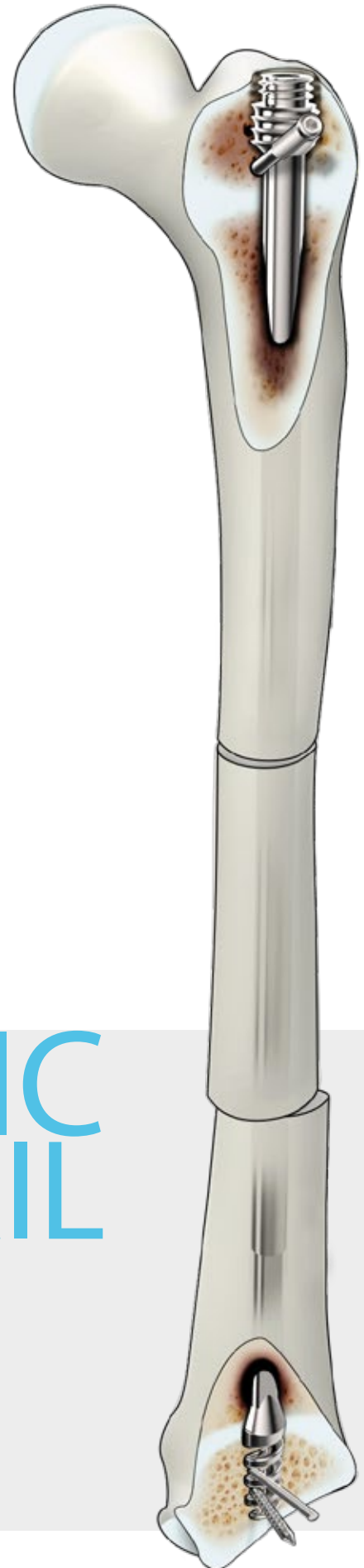




| Orthopedic Implants



TELESCOPIC NAIL

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Introduction

Indications

Indicated for children older than 18 months who are diagnosed with osteogenesis imperfecta.

Children's long bone deformity corrections.

Fracture stabilization.

Prevention of fracture and also for lengthening associated with external fixators.

For patients with osteoporotic bone.

Features

It is made of medical stainless steel.

Consists of 2 parts; D profile Bar (male nail) and suitable D profile tube (female nail) with threaded end.

The male, the female and the angled female nails have five different diameter choices. The male nail has one length choice for each diameter, which could be adjusted to the desired length by cutting the nail. The female nails have 5 different length choices for each diameter and the angled female nails have 3 different length choices for each diameter.

During the growth of the child's bone, the nails grow without any hindering due to the engagement (telescopic) of the male and female nails.

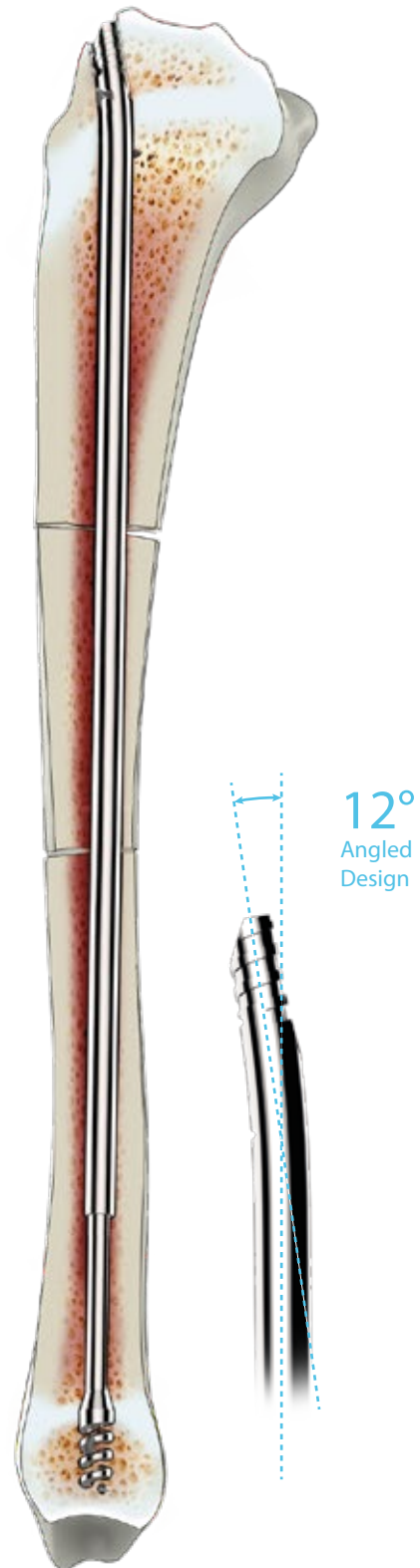
There is a special designed corkscrew end on the distal part of the male nail that holds the bone solidly and gives minimal damage to the growth plate.

Female nail's cancellous proximal threads fix the nail to the bone. Proximal locking screw which is sent to the bottom of the cancellous threads of the female nail, avoids the female nail to move forward.

There is a female D profile nail with 12° Angled proximal part which is [designed for tibia](#). The angled part has a gap (opening) on which the male nail can go through. Two slots and a hole, on which Kirschner wire can be used for fixation, are on the angled proximal part. The threads on the proximal part allow the fixation of the end cap and prevent the nail to exceed out of the bone.

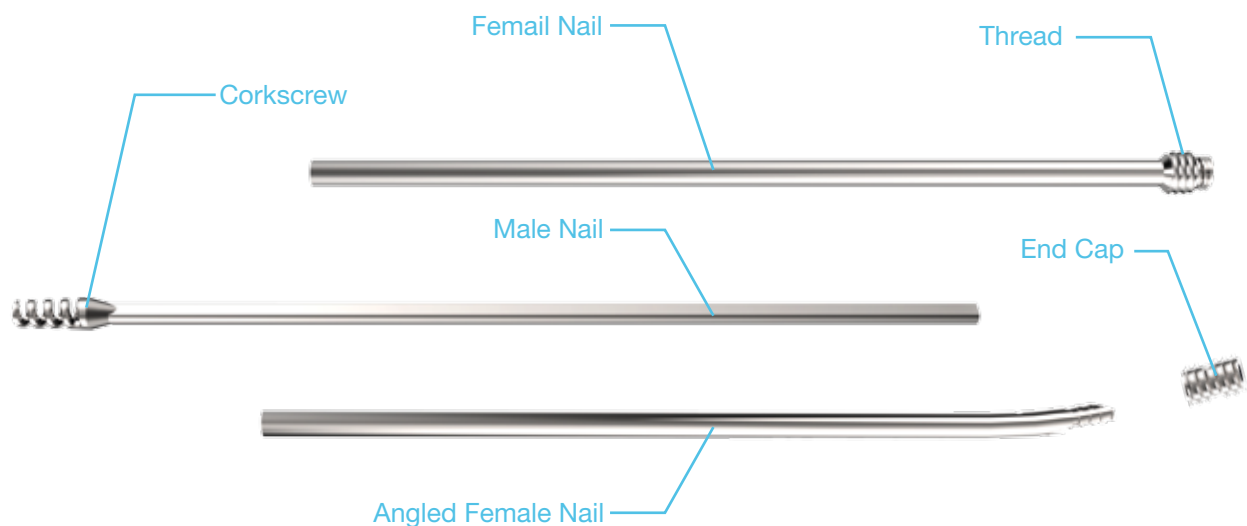
The application of the nail for tibia and humerus is from the proximal part and for femur from proximal and distal part of the bones.

Special Angled Design For Tibia

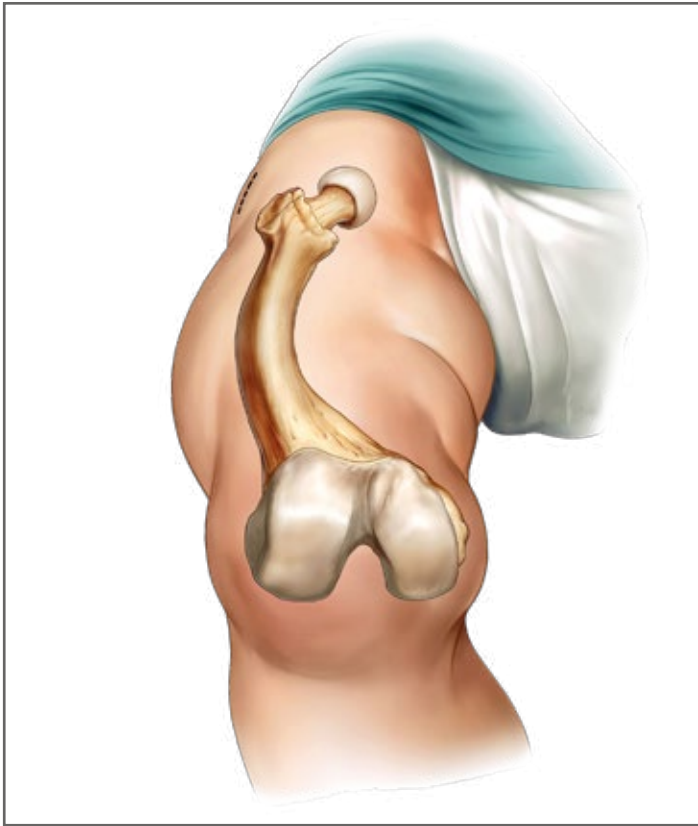


Implants

| FEMALE NAIL DIAMETER | FEMALE NAIL LENGTH CHOICE | ANGLED FEMALE NAIL LENGTH CHOICE | MALE NAIL DIAMETER x LENGTH | THREAD DIAMETER | END CAP DIAMETER (Length 14 mm) |
|-------------------------|--|--|--------------------------------|---------------------------|---------------------------------------|
| 3.5 mm | 110 mm 120 mm 130 mm 140 mm 150 mm | 110 mm 130 mm 150 mm | 2 x 180 mm | 7.0 mm (Length 8 mm) | 7.0 mm |
| 4.0 mm | 150 mm 170 mm 180 mm 190 mm 200 mm | 150 mm 180 mm 200 mm | 2.5 x 250 mm | 7.5 mm (Length 8 mm) | 7.5 mm |
| 5.0 mm | 150 mm 200 mm 210 mm 230 mm 250 mm | 150 mm 210 mm 250 mm | 3.5 x 300 mm | 9.5 mm (Length 11 mm) | 9.5 mm |
| 6.0 mm | 250 mm 270 mm 280 mm 290 mm 300 mm | 150 mm 210 mm 250 mm | 4 x 350 mm | 10.0 mm (Length 11 mm) | 10.0 mm |
| 6.5 mm | 190 mm 200 mm 250 mm 280 mm 300 mm | 150 mm 210 mm 250 mm | 5 x 350 mm | 10.5 mm (Length 11 mm) | 10.5 mm |



Surgical Technique

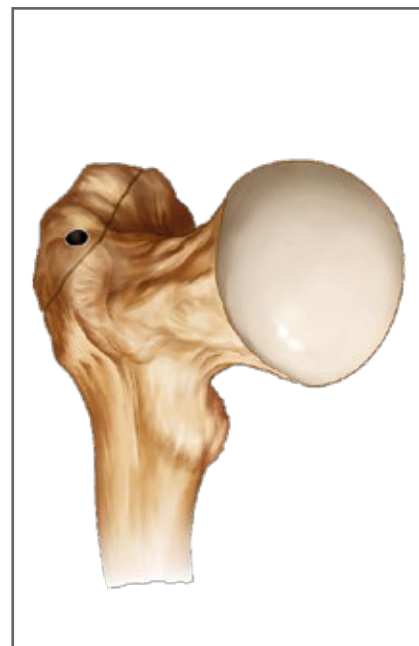


1.1 ANTEGRADE TECHNIQUE

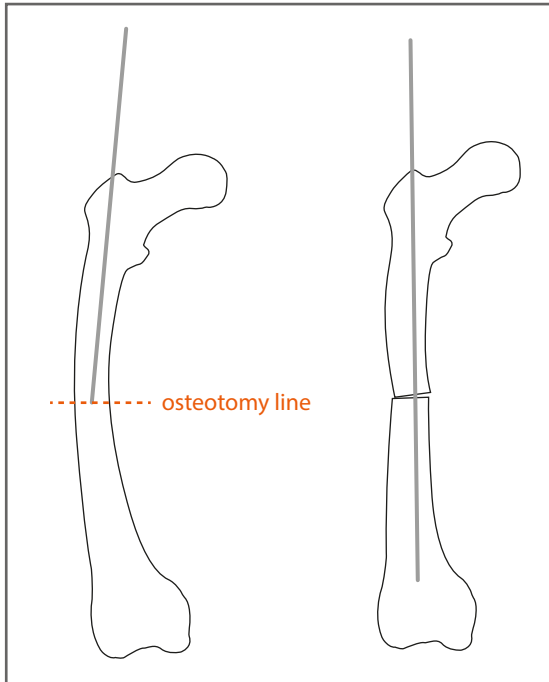
A **ENTRY POINT:** From the tip of the trochanter major at the proximal femur, approximately 2 cm incision is performed.



B **GUIDE WIRE INSERTION:** From the tip of the trochanter major at the proximal femur a *guide wire* is advanced distally into the medullary canal.

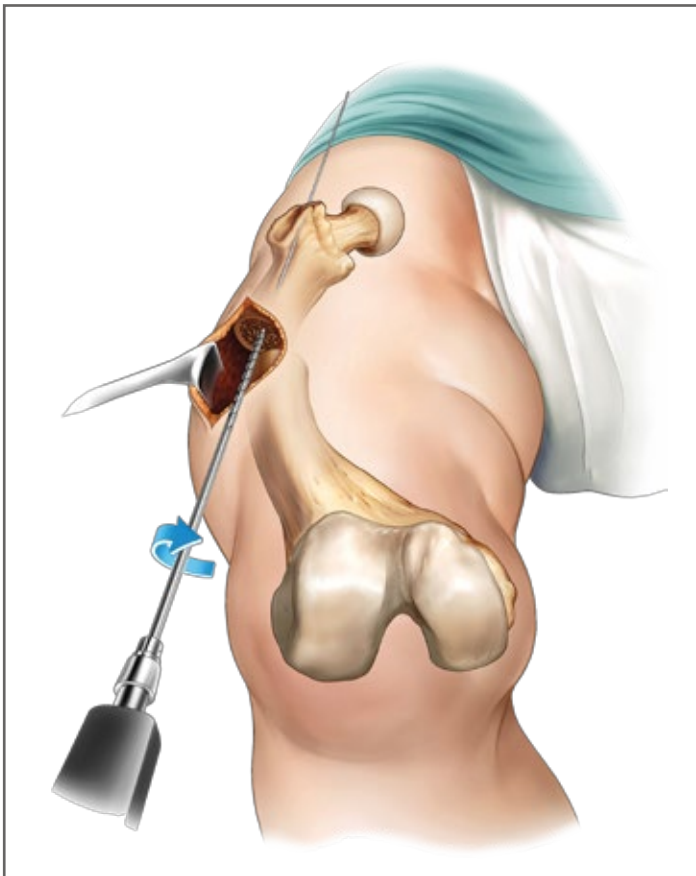


C **OSTEOTOMY:** The osteotomy is applied to the center of rotation and angulation (CORA) of deformity and then the *guide wire* is advanced distally.



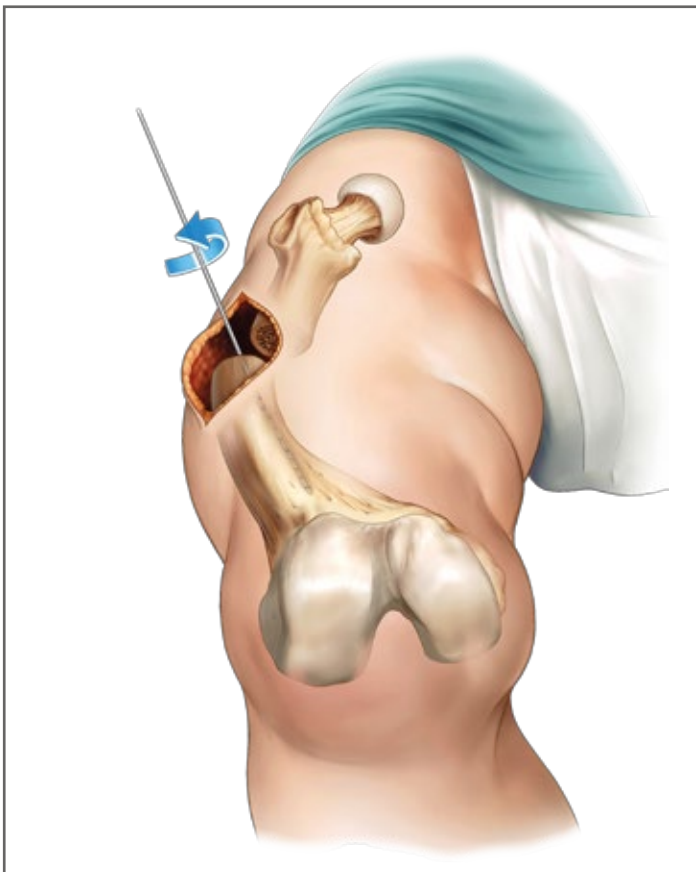
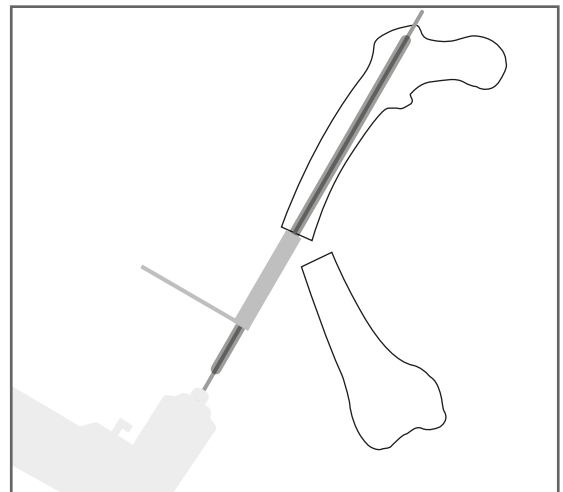
D **DISTAL GUIDE WIRE INSERTION:** The *guide wire* is advanced to the distal segment until the epiphyseal line of the bone.



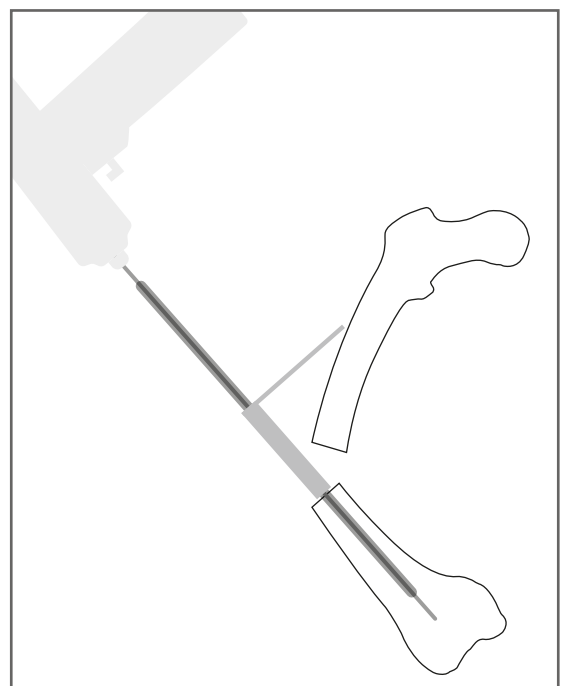


1.2 RETROGRADE TECHNIQUE

A **GUIDE WIRE INSERTION:** Procedure begins with osteotomy application to the center of deformity rotation and angulation (CORA). After the osteotomy the *guide wire* is inserted from the center point of the osteotomy line and advanced proximally. After fluoroscopic control the medullary canal is opened with an appropriate *reamer*.

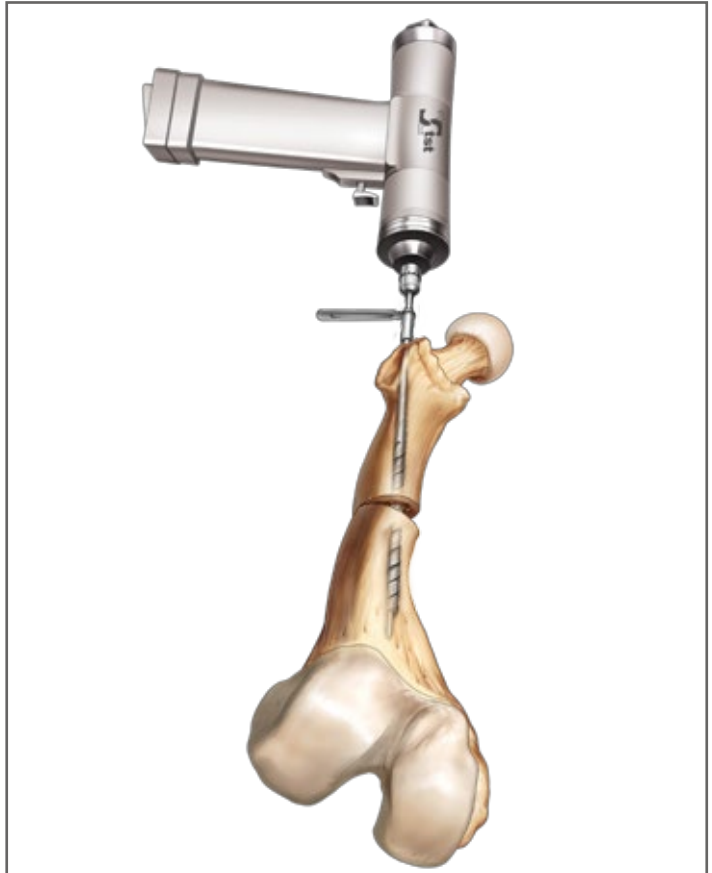


B The *guide wire* is sent from the osteotomy line to the distal of the bone. The wire end must reach the distal epiphyseal line.



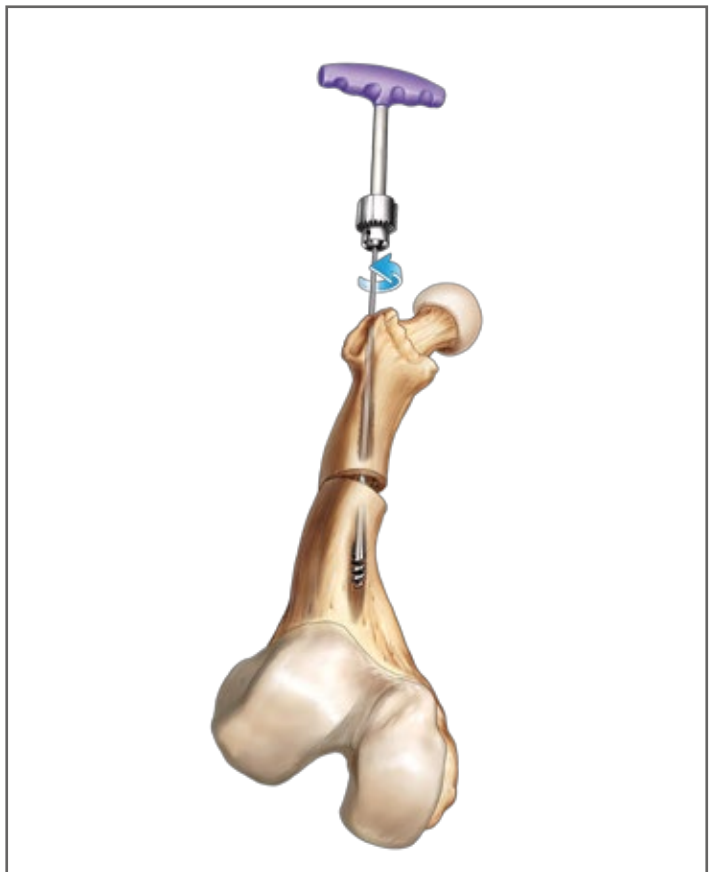
2 REAMERIZATION

Reaming begins with the smallest *cannulated reamer* over the wire. Reaming process is done until the metaphysis. It should be avoided to perforate the epiphysis.



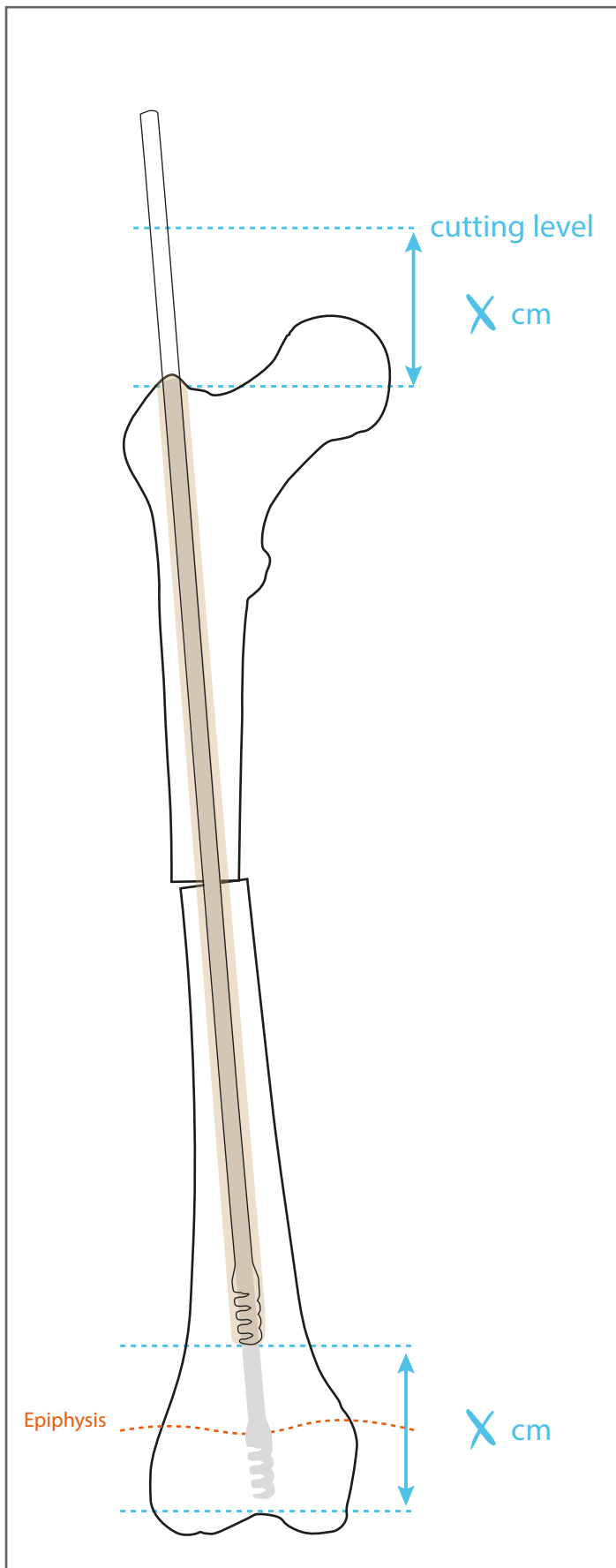
3 PLACEMENT OF THE MALE NAIL

The male nail is advanced clockwise rotation through the distal segment with the *T-handle male nail inserter*.

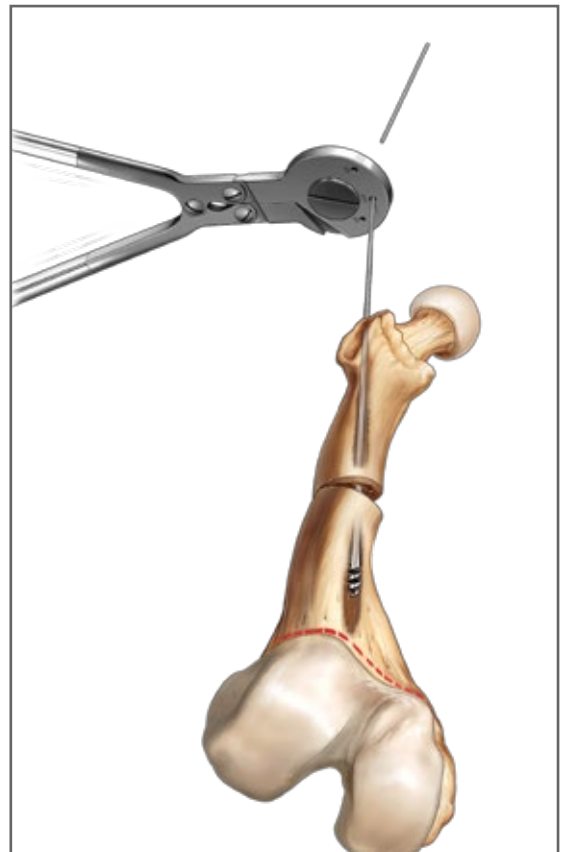


4 CUTTING THE MALE NAIL

The length of the outer part of the male nail and the level of trochanterica fossa are controlled by fluoroscopy. The distance between the tip of the male nail and the joint surface which was measured at the previous step are left and the exceeding part is cut.



The male nail is cut with the special rod cutter according to the diameter of the nail.



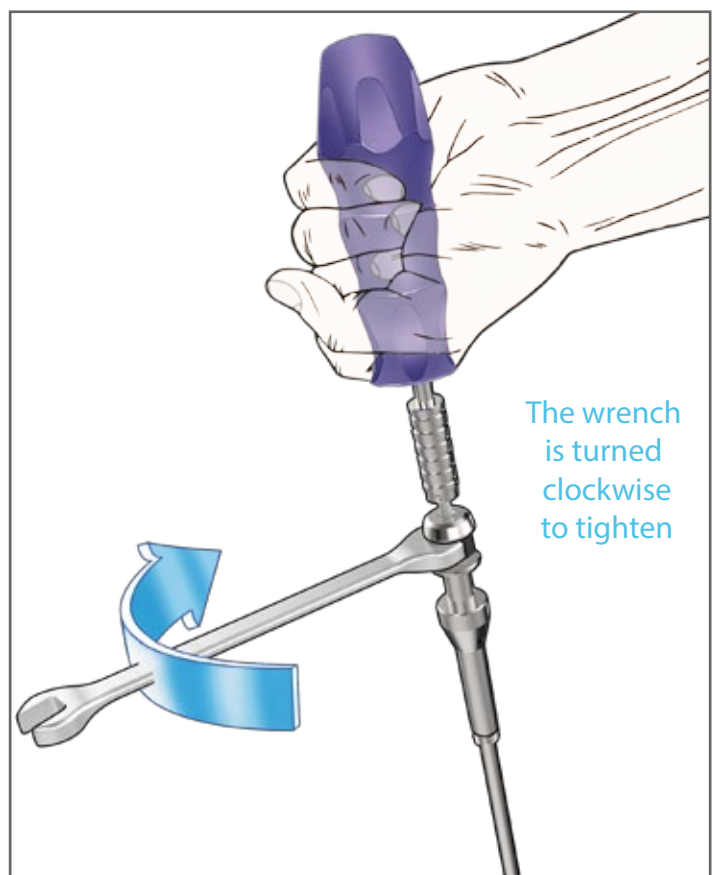
5 PREPARATION OF THE FEMALE NAIL

Appropriate size of the *female nail* is chosen and connected with *female locking telescopic nail driver*.

It is essential to place the D profile of driver and female nails D tube.



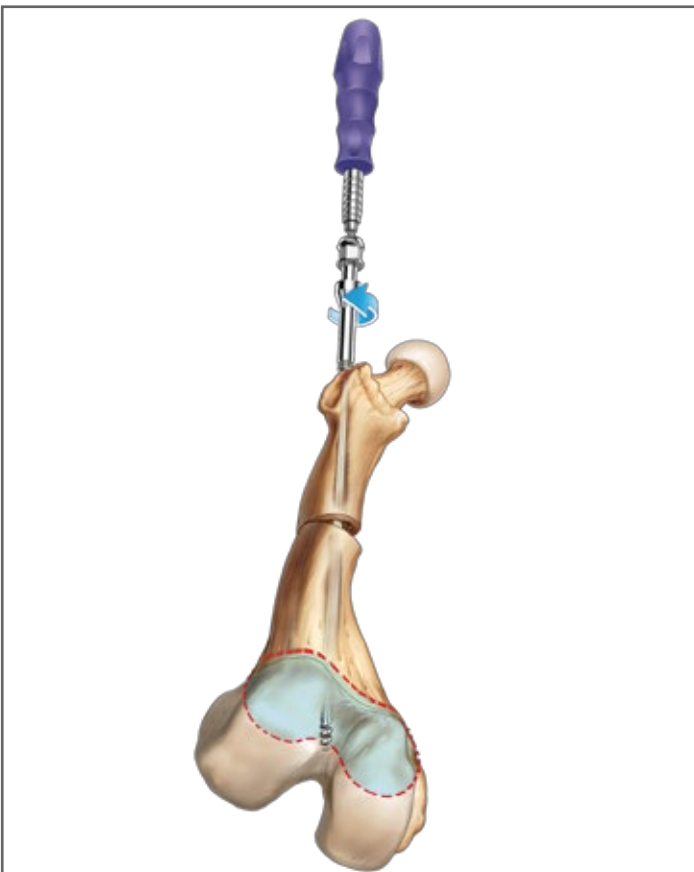
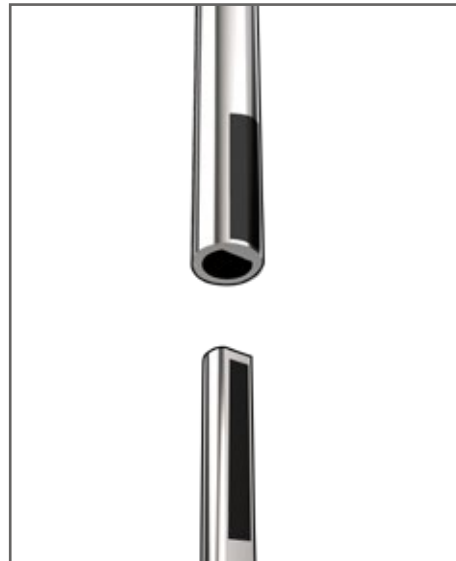
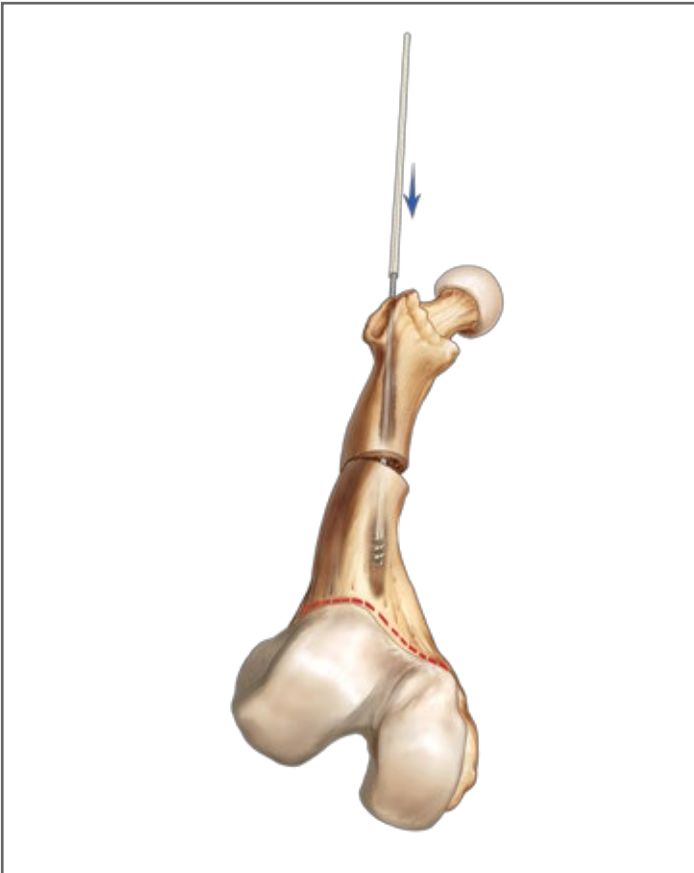
The driver and the female nail are fixed with a wrench by holding the soft handle.



6 PLACEMENT OF THE TELESCOPIC NAIL

The female nail is advanced into the proximal femur by sliding over the male nail.

Please pay attention to the laser marks while connecting male nail and female nail. They have to be at the same direction.

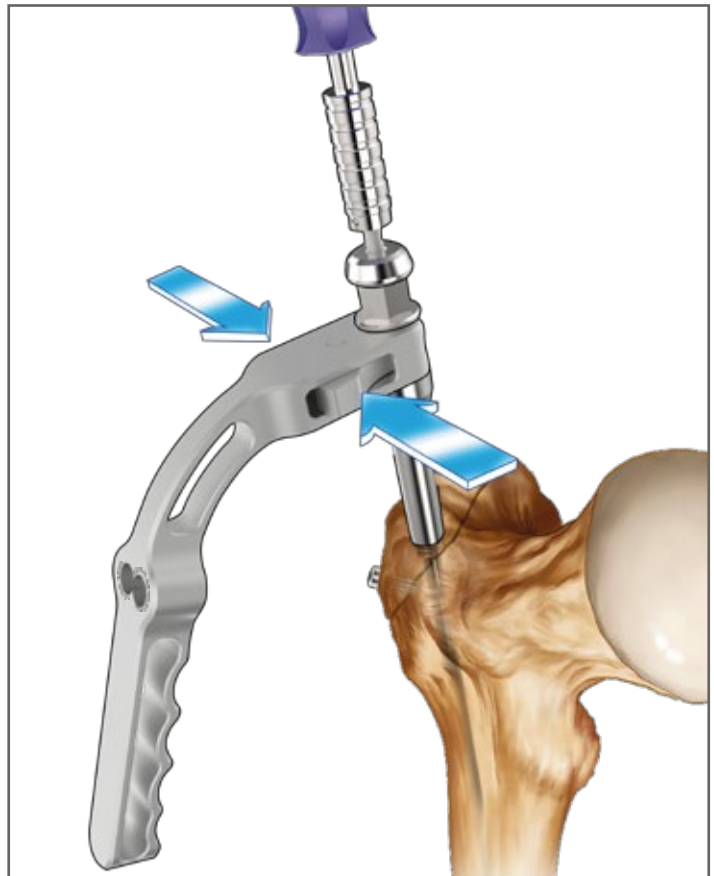


Soft handle is rotated to send the nail until the proximal threads are completely embedded in the bone.

7 GUIDE ARM CONNECTION

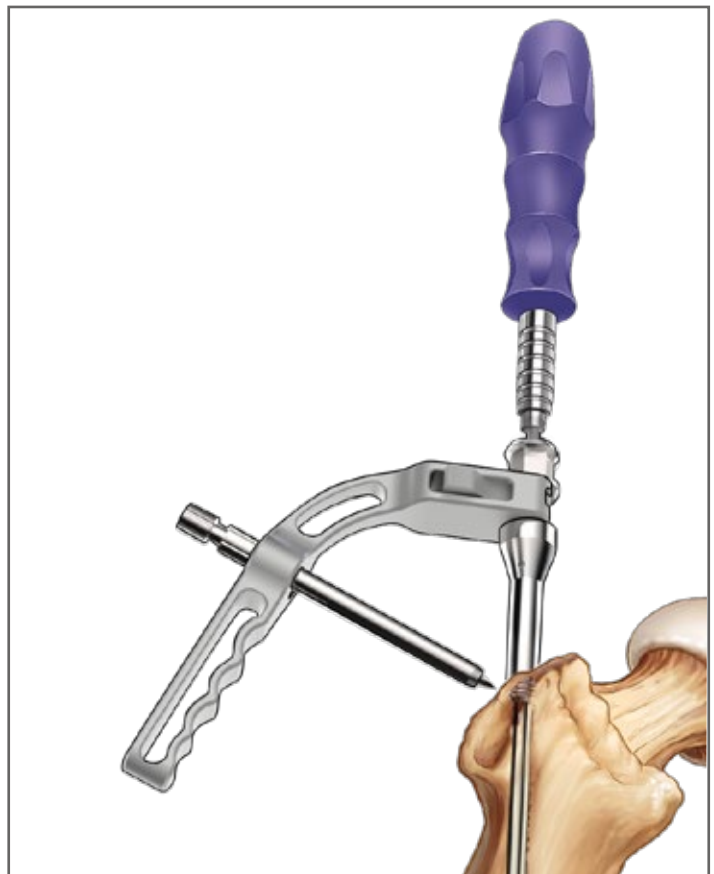
When the nail is in its final position, *guide arm* is mounted to the *female locking telescopic nail driver*.

Mind the lasermarks to choose the appropriate hole for locking screw.



8 SLEEVE PLACEMENT

After the incision, *protection sleeve* and *trocars* are sent through the proper hole of the *guide arm* to pass the soft tissue.





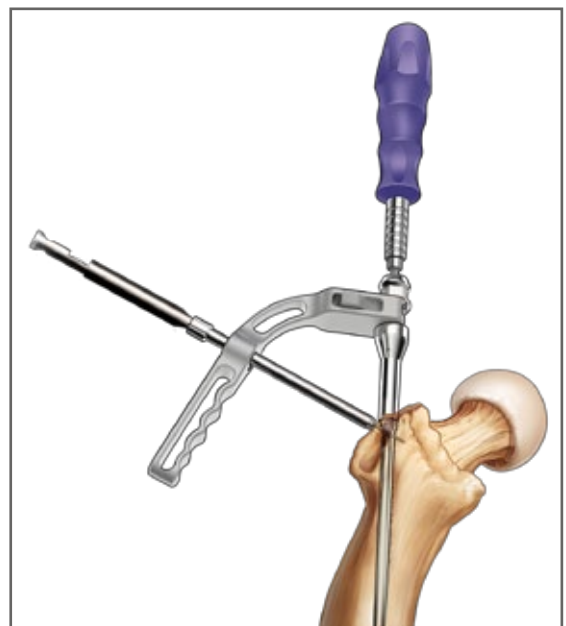
9 DRILLING

Trocar is removed and the drill sleeve is sent over the protection sleeve to help drilling. Drilling is made with 2.0 mm drill.



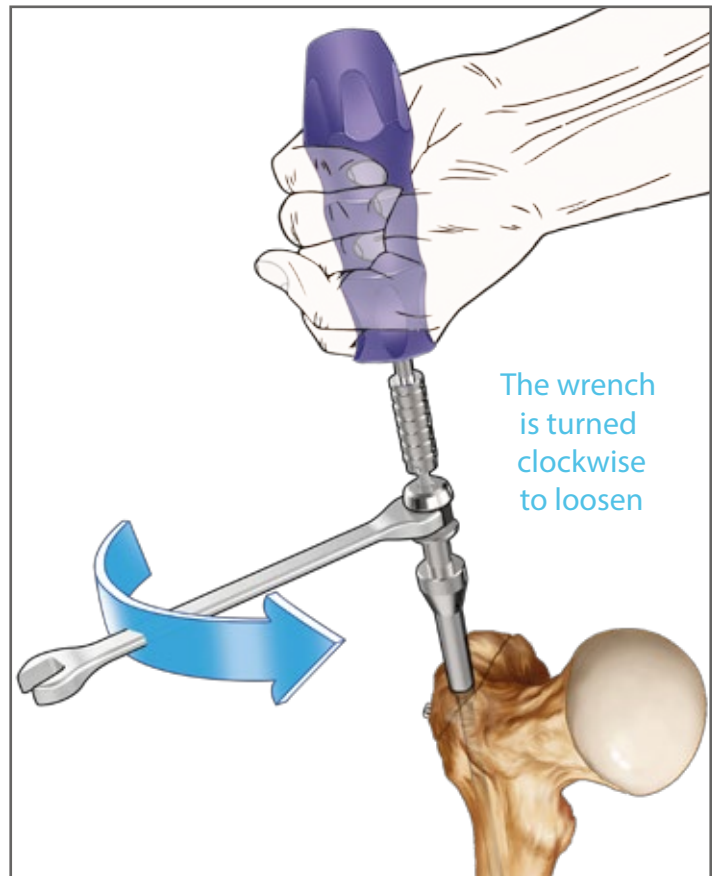
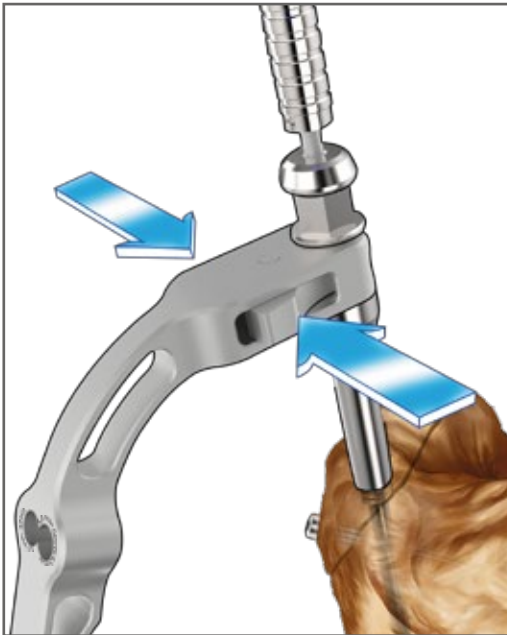
10 PROXIMAL LOCKING

After detection of the length of the screw with the help of depth gauge, the screw is sent with 1.7 mm hexagonal tip.



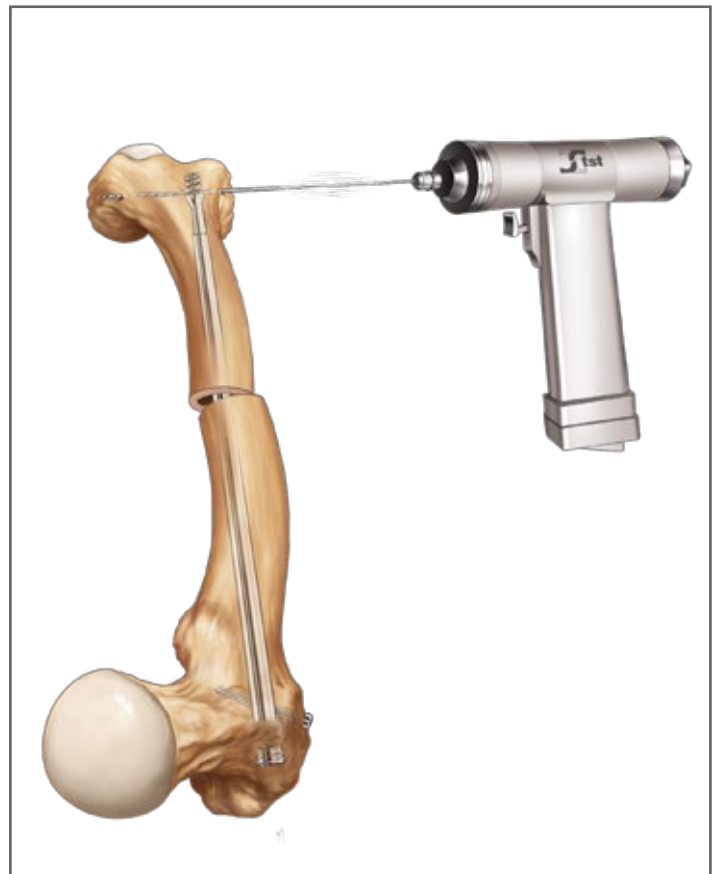
11 REMOVING THE GUIDE ARM

After removing the *guide arm*, the *female nail driver* is loosened with the *wrench* by holding the *soft handle* and then separated.



12 DISTAL LOCKING

Fixation to the distal epiphysis is increased by sending two *threaded kirschner wires* into the corkscrew tip. The outer part is cut with the *wire cutter* then the rest of the wire is forwarded into the bone with a *pin impactor*.

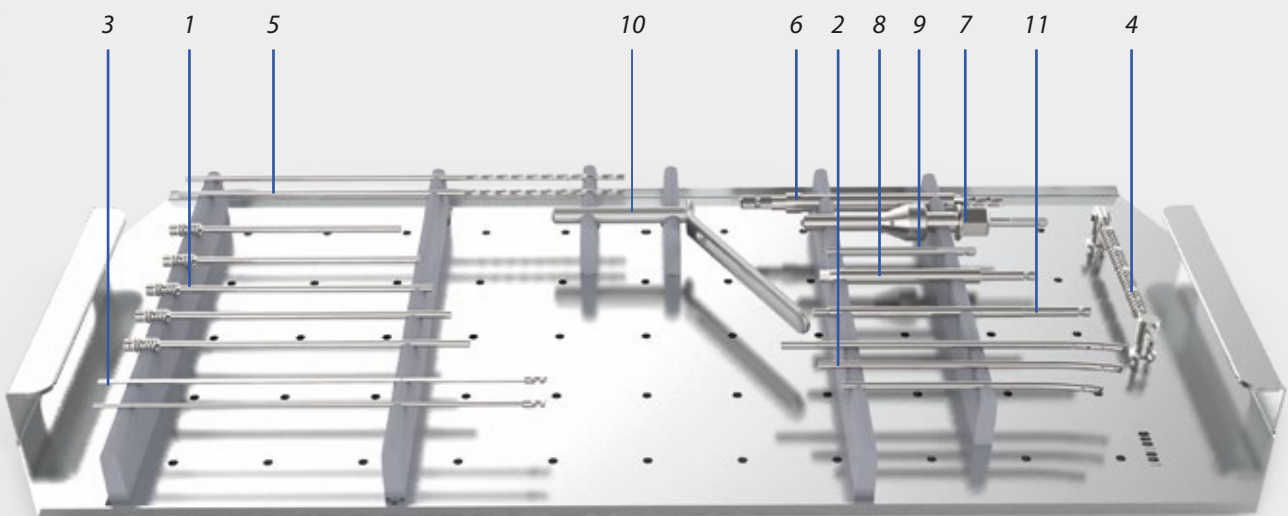




Set Details

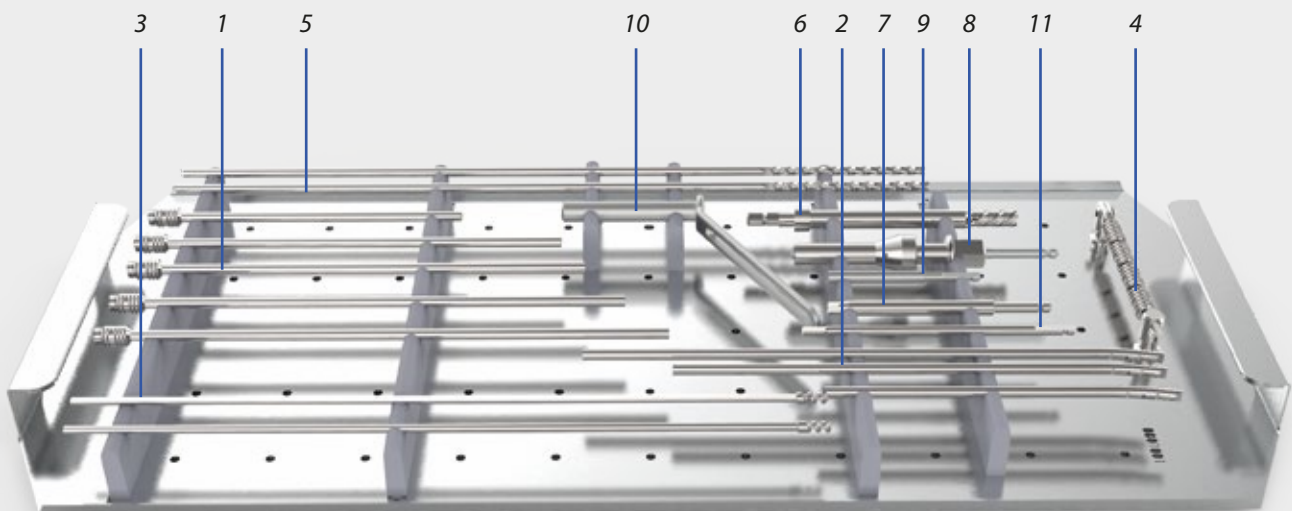
Tray 1 (3.5 mm)

| | code | barcode | description | qty |
|----|-------------|---------------|--|-----|
| 1 | 80717011035 | 8680858424818 | TELESCOPIC INTRAMED. FEMALE NAIL- LOCKING SS Ø3.5X110 MM | 2 |
| | 80717012035 | 8680858424825 | TELESCOPIC INTRAMED. FEMALE NAIL- LOCKING SS Ø3.5X120 MM | 2 |
| | 80717013035 | 8680858424832 | TELESCOPIC INTRAMED. FEMALE NAIL- LOCKING SS Ø3.5X130 MM | 2 |
| | 80717014035 | 8680858424849 | TELESCOPIC INTRAMED. FEMALE NAIL- LOCKING SS Ø3.5X140 MM | 2 |
| | 80717015035 | 8680858424856 | TELESCOPIC INTRAMED. FEMALE NAIL- LOCKING SS Ø3.5X150 MM | 2 |
| 2 | 80510350110 | 8680858408726 | TELESCOPIC INTRAMED.ANGLED NAIL-FEMALE SSØ3.5X110M | 2 |
| | 80510350130 | 8680858408733 | TELESCOPIC INTRAMED.ANGLED NAIL-FEMALE SSØ3.5X130M | 2 |
| | 80510350150 | 8680858408740 | TELESCOPIC INTRAMED.ANGLED NAIL-FEMALE SSØ3.5X150M | 2 |
| 3 | 80711200180 | 8699931033229 | TELESCOPIC INTRAMED. NAIL-MALE SS Ø2.0X180 MM | 4 |
| 4 | 80710000035 | 8699931033328 | TELESCOPIC I.M. NAIL END CAP SS 3.5 MM | 2 |
| 5 | 02010000350 | 8680858400065 | CANNULATED DRILL FOR Ø3.5 MM NAIL | 2 |
| 6 | 04010000035 | 8680858400157 | DRILL FOR END CAP Ø3.5 MM | 1 |
| 7 | 08757000035 | 8680858425112 | Ø 3.5 MM FEMALE LOCKING TELESCOPIC NAIL DRIVER | 1 |
| 8 | 02010010035 | 8680858400126 | SCREW DRIVER QUICK TIP HEGZAGONAL Ø3.5x100 MM | 1 |
| 9 | 08750000035 | 8699931033373 | FEMALE NAIL DRIVER 3.5 MM | 1 |
| 10 | 02010030035 | 8680858408887 | Ø 3.5 MM DRILL GUIDE (TELES) | 1 |
| 11 | 02010003035 | 8680858408894 | Ø 3.5 MM FEMALE NAIL TURNING TIP | 1 |
| | 0801001 | 8680858420162 | TELESCOPIC NAIL DESIGN TRAY 1 | 1 |



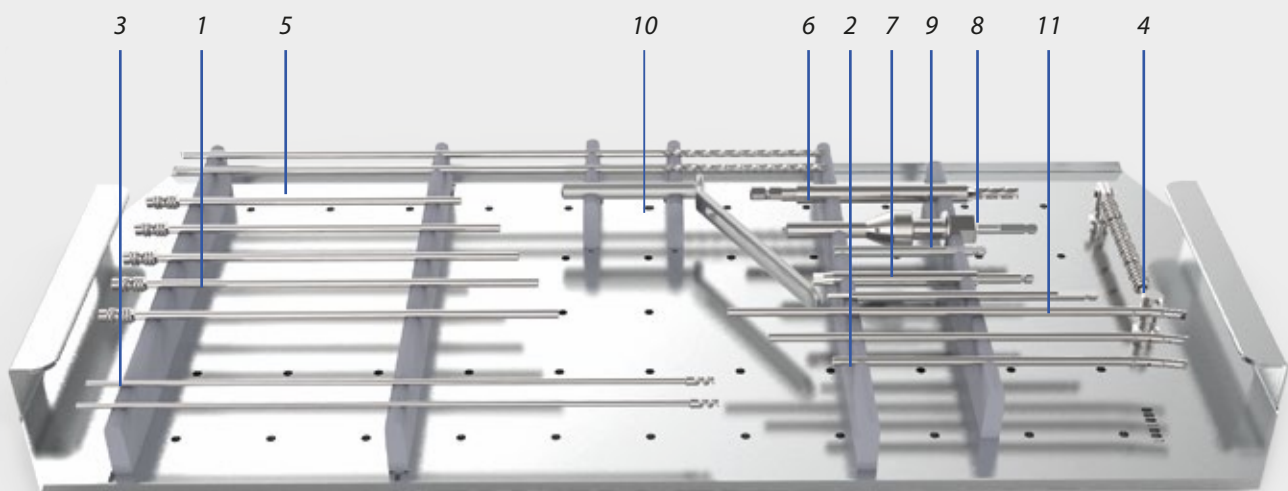
Tray 2 (4.0 mm)

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| 1 | 80717015040 | 8680858424863 | TELESCOPIC INTRAMED. FEMALE NAIL- LOCKING SS Ø4.0X150 MM | 2 |
| | 80717017040 | 8680858424887 | TELESCOPIC INTRAMED. FEMALE NAIL- LOCKING SS Ø4.0X170 MM | 2 |
| | 80717018040 | 8680858424894 | TELESCOPIC INTRAMED. FEMALE NAIL- LOCKING SS Ø4.0X180 MM | 2 |
| | 80717019040 | 8680858424900 | TELESCOPIC INTRAMED. FEMALE NAIL- LOCKING SS Ø4.0X190 MM | 2 |
| | 80717020040 | 8680858424924 | TELESCOPIC INTRAMED. FEMALE NAIL- LOCKING SS Ø4.0X200 MM | 2 |
| 2 | 80510400150 | 8680858408764 | TELESCOPIC INTRAMED.ANGLED NAIL-FEMALE SSØ4.0X150M | 2 |
| | 80510400180 | 8680858408757 | TELESCOPIC INTRAMED.ANGLED NAIL-FEMALE SSØ4.0X180M | 2 |
| | 80510400200 | 8680858408771 | TELESCOPIC INTRAMED.ANGLED NAIL-FEMALE SSØ4.0X200M | 2 |
| 3 | 80711250250 | 8699931033236 | TELESCOPIC INTRAMED. NAIL-MALE SS Ø2.5X250 MM | 4 |
| 4 | 80710000040 | 8699931033335 | TELESCOPIC I.M. NAIL END CAP SS 4.0 MM | 2 |
| 5 | 02010000040 | 8680858400072 | CANNULATED DRILL FOR Ø4.0 MM NAIL | 2 |
| 6 | 04010000040 | 8680858400164 | DRILL FOR END CAP Ø4.0 MM | 1 |
| 7 | 08750000040 | 8699931033380 | FEMALE NAIL DRIVER 4.0 MM | 1 |
| 8 | 08757000040 | 8680858425129 | Ø 4.0 MM FEMALE LOCKING TELESCOPIC NAIL DRIVER | 1 |
| 9 | 02010010040 | 8680858400133 | SCREW DRIVER QUICK TIP HEGZAGONAL Ø4.0x100 MM | 1 |
| 10 | 02010040040 | 8680858408900 | Ø 4 MM DRILL GUIDE (TELES) | 1 |
| 11 | 02010003040 | 8680858408917 | Ø 4 MM FEMALE NAIL TURNING TIP | 1 |
| | 0801002 | 8680858420179 | TELESCOPIC NAIL DESIGN TRAY 2 | 1 |



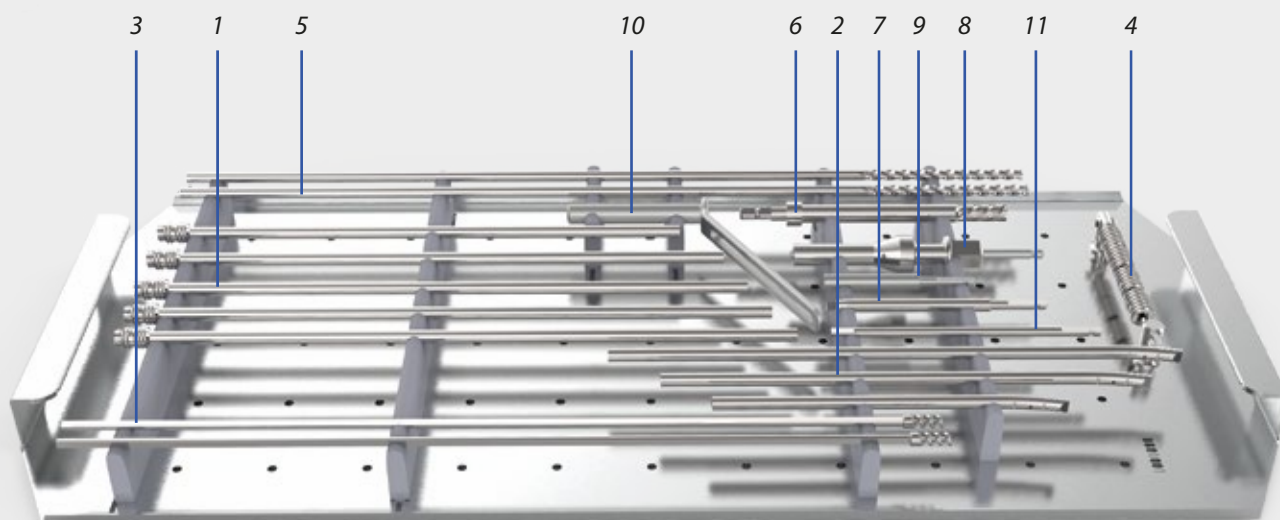
Tray 3 (5.0 mm)

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| 1 | 80717015050 | 8680858424870 | TELESCOPIC INTRAMED. FEMALE NAIL- LOCKING SS Ø5.0X150 MM | 2 |
| | 80717020050 | 8680858424931 | TELESCOPIC INTRAMED. FEMALE NAIL- LOCKING SS Ø5.0X200 MM | 2 |
| | 80717021050 | 8680858424955 | TELESCOPIC INTRAMED. FEMALE NAIL- LOCKING SS Ø5.0X210 MM | 2 |
| | 80717023050 | 8680858424962 | TELESCOPIC INTRAMED. FEMALE NAIL- LOCKING SS Ø5.0X230 MM | 2 |
| | 80717025050 | 8680858424979 | TELESCOPIC INTRAMED. FEMALE NAIL- LOCKING SS Ø5.0X250 MM | 2 |
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| | 80510500210 | 8680858408795 | TELESCOPIC INTRAMED.ANGLED NAIL-FEMALE SSØ5.0X210M | 2 |
| | 80510500250 | 8680858408801 | TELESCOPIC INTRAMED.ANGLED NAIL-FEMALE SSØ5.0X250M | 2 |
| 3 | 80711350300 | 8699931033243 | TELESCOPIC INTRAMED. NAIL-MALE SS Ø3.5X300 MM | 4 |
| 4 | 80710000050 | 8699931033342 | TELESCOPIC I.M. NAIL END CAP SS 5.0 MM | 2 |
| 5 | 02010000050 | 8680858400089 | CANNULATED DRILL FOR Ø5.0 MM NAIL | 2 |
| 6 | 04010000050 | 8680858400171 | DRILL FOR END CAP Ø5.0 MM | 1 |
| 7 | 08750000050 | 8699931033397 | FEMALE NAIL DRIVER 5.0 MM | 1 |
| 8 | 08757000050 | 8680858425136 | Ø 5.0 MM FEMALE LOCKING TELESCOPIC NAIL DRIVER | 1 |
| 9 | 02010010050 | 8680858400140 | SCREW DRIVER QUICK TIP HEGZAGONAL Ø5.0x100 MM | 1 |
| 10 | 02010050050 | 8680858408924 | Ø 5 MM DRILL GUIDE (TELES) | 1 |
| 11 | 02010003050 | 8680858408931 | Ø 5 MM FEMALE NAIL TURNING TIP | 1 |
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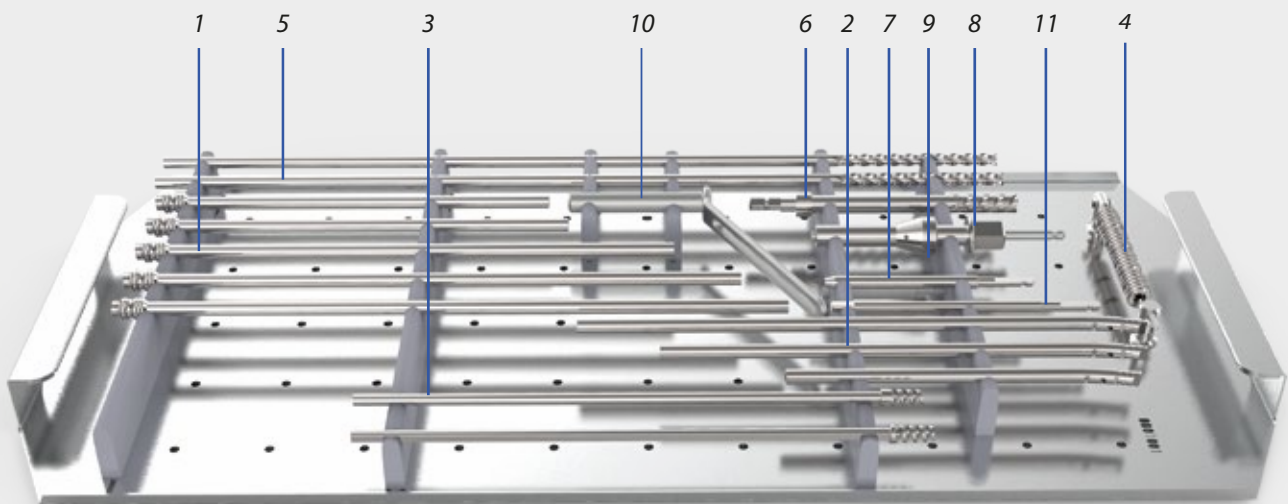
Tray 4 (6.0 mm)

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| | 80717027060 | 8680858425006 | TELESCOPIC INTRAMED. FEMALE NAIL- LOCKING SS Ø6.0X270 MM | 2 |
| | 80717028060 | 8680858425013 | TELESCOPIC INTRAMED. FEMALE NAIL- LOCKING SS Ø6.0X280 MM | 2 |
| | 80717029060 | 8680858425037 | TELESCOPIC INTRAMED. FEMALE NAIL- LOCKING SS Ø6.0X290 MM | 2 |
| | 80717030060 | 8680858425044 | TELESCOPIC INTRAMED. FEMALE NAIL- LOCKING SS Ø6.0X300 MM | 2 |
| 2 | 80510600150 | 8680858408818 | TELESCOPIC INTRAMED.ANGLED NAIL-FEMALE SSØ6.0X150M | 2 |
| | 80510600210 | 8680858408825 | TELESCOPIC INTRAMED.ANGLED NAIL-FEMALE SSØ6.0X210M | 2 |
| | 80510600250 | 8680858408832 | TELESCOPIC INTRAMED.ANGLED NAIL-FEMALE SSØ6.0X250M | 2 |
| 3 | 80711400350 | 8699931033250 | TELESCOPIC INTRAMED. NAIL-MALE SS Ø4.0X350 MM | 4 |
| 4 | 80710000060 | 8699931033359 | TELESCOPIC I.M. NAIL END CAP SS 6.0 MM | 2 |
| 5 | 02010000060 | 8680858400096 | CANNULATED DRILL FOR Ø6.0 MM NAIL | 2 |
| 6 | 04010000060 | 8680858400188 | DRILL FOR END CAP Ø6.0 MM | 1 |
| 7 | 08750000060 | 8699931033403 | FEMALE NAIL DRIVER 6.0 MM | 1 |
| 8 | 08757000060 | 8680858425143 | Ø 6.0 MM FEMALE LOCKING TELESCOPIC NAIL DRIVER | 1 |
| 9 | 02010010050 | 8680858400140 | SCREW DRIVER QUICK TIP HEGZAGONAL Ø5.0x100 MM | 1 |
| 10 | 02010060060 | 8680858408948 | Ø 6 MM DRILL GUIDE (TELES) | 1 |
| 11 | 02010003060 | 8680858408955 | Ø 6 MM FEMALE NAIL TURNING TIP | 1 |
| | 0801004 | 8680858420193 | TELESCOPIC NAIL DESIGN TRAY 4 | 1 |



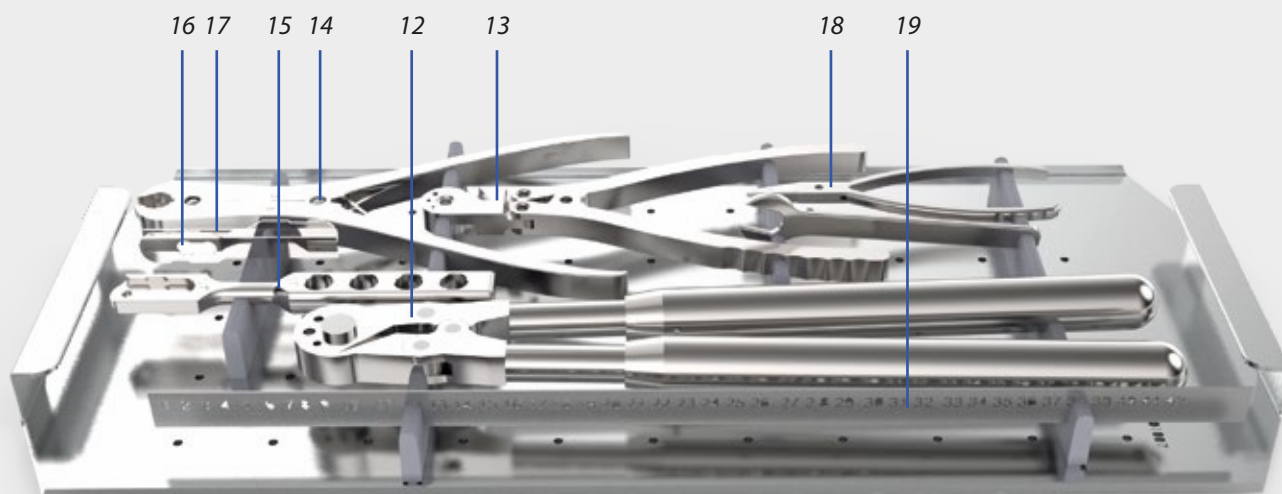
Tray 5 (6.5 mm)

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| | 80717020065 | 8680858424948 | TELESCOPIC INTRAMED. FEMALE NAIL- LOCKING SS Ø6.5X200 MM | 2 |
| | 80717025065 | 8680858424993 | TELESCOPIC INTRAMED. FEMALE NAIL- LOCKING SS Ø6.5X250 MM | 2 |
| | 80717028065 | 8680858425020 | TELESCOPIC INTRAMED. FEMALE NAIL- LOCKING SS Ø6.5X280 MM | 2 |
| | 80717030065 | 8680858425051 | TELESCOPIC INTRAMED. FEMALE NAIL- LOCKING SS Ø6.5X300 MM | 2 |
| 2 | 80510650150 | 8680858408856 | TELESCOPIC INTRAMED.ANGLED NAIL-FEMALE SSØ6.5X150M | 2 |
| | 80510650210 | 8680858408863 | TELESCOPIC INTRAMED.ANGLED NAIL-FEMALE SSØ6.5X210M | 2 |
| | 80510650250 | 8680858408849 | TELESCOPIC INTRAMED.ANGLED NAIL-FEMALE SSØ6.5X250M | 2 |
| 3 | 80711500350 | 8699931033267 | TELESCOPIC INTRAMED. NAIL-MALE SS Ø5.0X350 MM | 4 |
| 4 | 80710000065 | 8699931033366 | TELESCOPIC I.M. NAIL END CAP SS 6.5 MM | 2 |
| 5 | 02010000065 | 8680858400102 | CANNULATED DRILL FOR Ø6.5 MM NAIL | 2 |
| 6 | 04010000065 | 8680858400195 | DRILL FOR END CAP Ø6.5 MM | 1 |
| 7 | 08750000065 | 8699931033410 | FEMALE NAIL DRIVER 6.5 MM | 1 |
| 8 | 08757000065 | 8680858425150 | Ø 6.5 MM FEMALE LOCKING TELESCOPIC NAIL DRIVER | 1 |
| 9 | 02010010050 | 8680858400140 | SCREW DRIVER QUICK TIP HEGZAGONAL Ø5.0x100 MM | 1 |
| 10 | 02010060065 | 8680858408962 | Ø 6.5 MM DRILL GUIDE (TELES) | 1 |
| 11 | 02010003065 | 8680858408979 | Ø 6.5 MM FEMALE NAIL TURNING TIP | 1 |
| | 0801005 | 8680858408870 | TELESCOPIC NAIL DESIGN TRAY 5 | 1 |



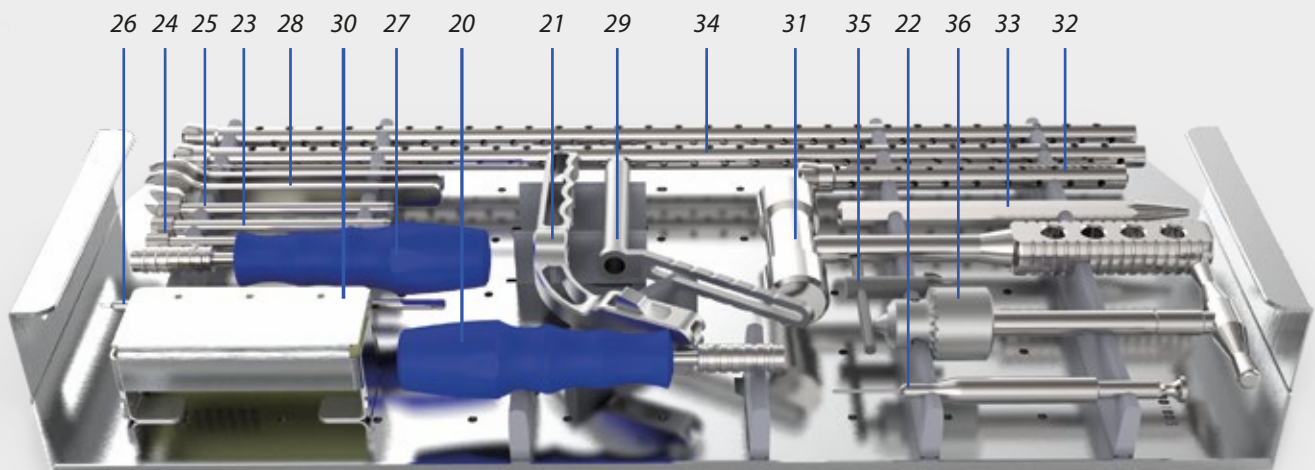
Tray 6 (Instruments 1)

| | code | barcode | description | qty |
|----|-------------|---------------|--|-----|
| 12 | 03210004050 | 8680858408993 | SPECIAL ROD CUTTER FOR Ø 4.0,5.0 MM | 1 |
| 13 | 03210202535 | 8680858408986 | SPECIAL ROD CUTTER FOR Ø 2.0,2.5,3.5 MM | 1 |
| 14 | 02345020000 | 8698673493506 | PLATE WIRE CUTTER UP TO 3MM | 1 |
| 15 | 03381000001 | 8699931023770 | CHISEL HANDLE | 1 |
| 16 | 03381016030 | 8699931023800 | CHISEL BLADE 16x30mm Straight | 1 |
| 17 | 03381011030 | 8699931023794 | CHISEL BLADE 11x30mm Straight | 1 |
| 18 | 08201000004 | 8698673495036 | LOCKING PLIERS (KILITLI CIKARMA PENSESI) | 1 |
| 19 | 08050000011 | 8698673496507 | RADIOGRAPHIC RULER 400 MM | 1 |
| | 0801006 | 8680858420216 | TELESCOPIC NAIL DESIGN TRAY 6 | 1 |



Tray 7 (Instruments 2)

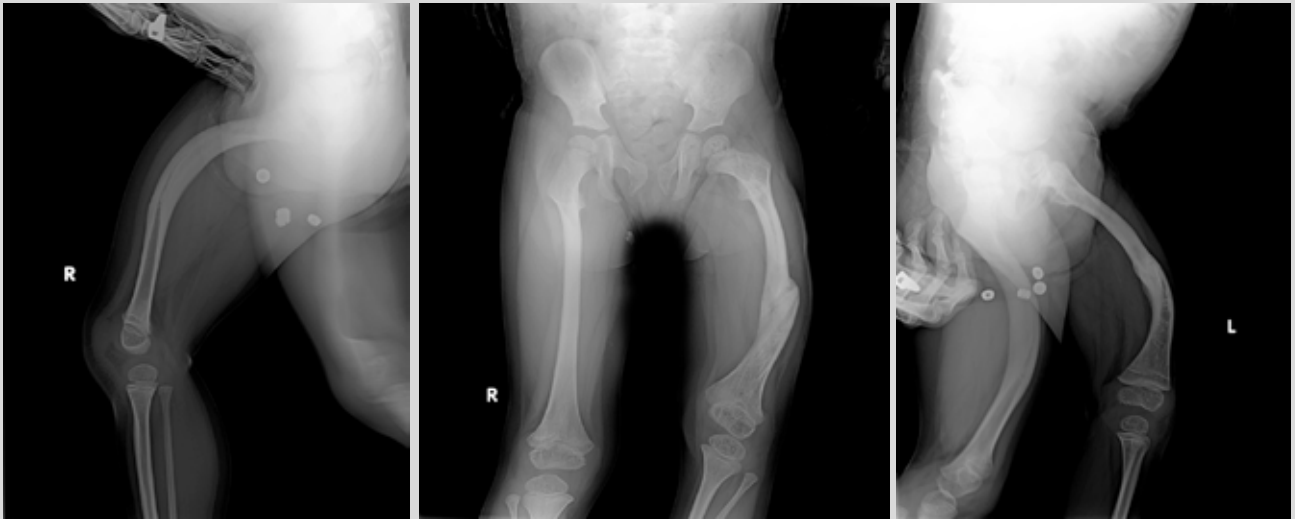
| code | barcode | description | qty | |
|------|-------------|---------------|--|----|
| 20 | 02010101002 | 8698673493308 | SOFT SCREW DRIVER QUICK (TORNAVIDA) LARGE | 2 |
| 21 | 08051000012 | 8680858425167 | TELESCOPIC NAIL GUIDE ARM | 1 |
| 22 | 08004000100 | 8680858425174 | TELESCOPIC NAIL DEPTH GAUGE FOR PROXIMAL SCREW | 1 |
| 23 | 08051000010 | 8680858425099 | TELESCOPIC NAIL SLEEVE FOR PROXIMAL SCREW | 1 |
| 24 | 03665010006 | 8680858427437 | TROCAR Ø6 x 100 MM | 1 |
| 25 | 08051000011 | 8680858425105 | TELESCOPIC NAIL DRILL GUIDE | 1 |
| 26 | 02000015017 | 8680858425082 | SCREW DRIVER QUICK HEX. TIP Ø 1.7X150 MM | 2 |
| 27 | 00222045206 | 8699931030617 | QUICK DRILL Ø 2X4.5X206 MM | 2 |
| 28 | 08044000014 | 8699931015737 | WRENCH Ø 13 MM | 2 |
| 29 | 08750009010 | 0087500090106 | PROTECTION SLEEVE (END CUP DRILL) | 1 |
| 30 | 802700 | 8680858427444 | TELESCOPIC NAIL SCREW BOX | 1 |
| | 80717027010 | 8680858426454 | TELESCOPIC NAIL LOCKING SCREW Ø2.7 x 10 MM | 4 |
| | 80717027012 | 8680858426461 | TELESCOPIC NAIL LOCKING SCREW Ø2.7 x 12 MM | 4 |
| | 80717027014 | 8680858426478 | TELESCOPIC NAIL LOCKING SCREW Ø2.7 x 14 MM | 4 |
| | 80717027016 | 8680858426485 | TELESCOPIC NAIL LOCKING SCREW Ø2.7 x 16 MM | 4 |
| | 80717027018 | 8680858426492 | TELESCOPIC NAIL LOCKING SCREW Ø2.7 x 18 MM | 4 |
| | 80717027020 | 8680858426508 | TELESCOPIC NAIL LOCKING SCREW Ø2.7 x 20 MM | 4 |
| | 80717027022 | 8680858426515 | TELESCOPIC NAIL LOCKING SCREW Ø2.7 x 22 MM | 4 |
| | 80717027024 | 8680858426522 | TELESCOPIC NAIL LOCKING SCREW Ø2.7 x 24 MM | 4 |
| | 80717027026 | 8680858426539 | TELESCOPIC NAIL LOCKING SCREW Ø2.7 x 26 MM | 4 |
| | 80717027028 | 8680858426546 | TELESCOPIC NAIL LOCKING SCREW Ø2.7 x 28 MM | 4 |
| | 80717027030 | 8680858426553 | TELESCOPIC NAIL LOCKING SCREW Ø2.7 x 30 MM | 4 |
| | 80717027032 | 8680858426560 | TELESCOPIC NAIL LOCKING SCREW Ø2.7 x 32 MM | 4 |
| | 80717027034 | 8680858426577 | TELESCOPIC NAIL LOCKING SCREW Ø2.7 x 34 MM | 4 |
| | 80717027036 | 8680858426584 | TELESCOPIC NAIL LOCKING SCREW Ø2.7 x 36 MM | 4 |
| | 80717027038 | 8680858426591 | TELESCOPIC NAIL LOCKING SCREW Ø2.7 x 38 MM | 4 |
| | 80717027040 | 8680858426607 | TELESCOPIC NAIL LOCKING SCREW Ø2.7 x 40 MM | 4 |
| 31 | 01193003009 | 8699931028133 | BONE HAMMER SMALL (HAFIF CEKIC) | 1 |
| 32 | 04551006160 | 8699931029796 | K-WIRE TUBE Ø10XØ6X160 MM | 1 |
| | 23412150015 | 8698673452626 | KIRSCHNER WIRE TREADED POINT 1.5X150 MM | 10 |
| | 23410120150 | 8698673452978 | KIRSCHNER WIRE TROCAR POINT 1.5X120 MM | 2 |
| 33 | 02271000003 | 8699931000139 | PIN IMPACTOR | 1 |
| 34 | 04551008460 | 8699931029796 | K-WIRE TUBE Ø10XØ8X460 MM | 2 |
| | 23410450115 | 8698673457935 | KIRSCHNER WIRE TROCAR POINT 1.5X450 MM | 6 |
| | 23410450120 | 8698673457928 | KIRSCHNER WIRE TROCAR POINT 2X450 MM | 6 |
| 35 | 03310000001 | 8680858400201 | T-HANDLE JACOBS CHUCK-KEY | 1 |
| 36 | 08050000200 | 8680858409181 | T-HANDLE MALE NAIL INSERTER | 1 |
| | 0801007 | 8680858420223 | TELESCOPIC NAIL DESIGN TRAY 7 | 1 |
| | 00543260180 | 8680858419265 | KONTEYNER 543x260x180 MM | 2 |



Sample Cases

Case 1

pre-op

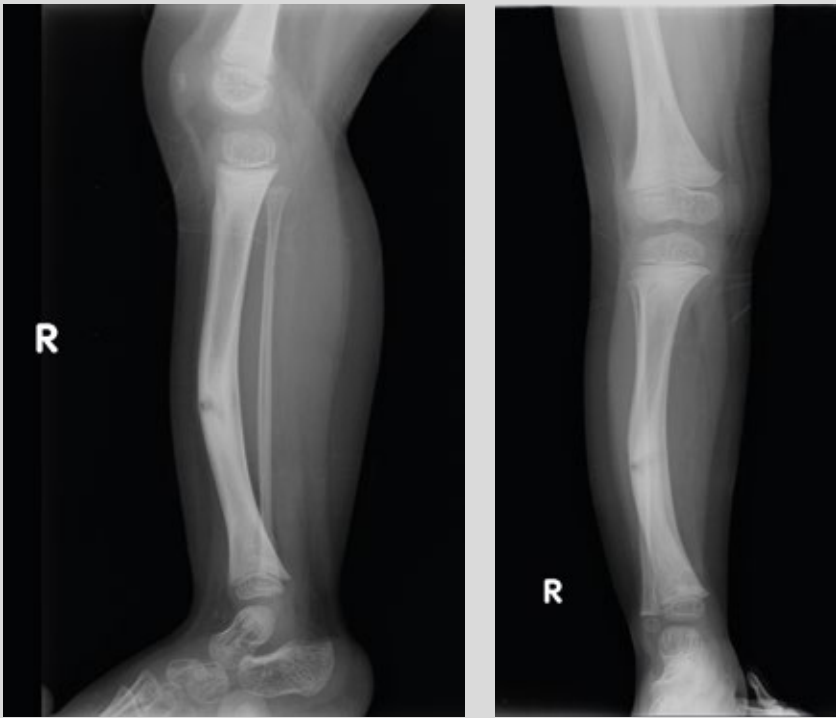


post-op



Case 2

pre-op



post-op



Case 2

pre-op



post-op



follow-up



Warning:

This description is not sufficient by itself for direct and proper use of the instrument set intraoperatively. Instruction by a surgeon who is thoroughly trained and experienced in handling these instruments and in doing the procedure are highly recommended.

