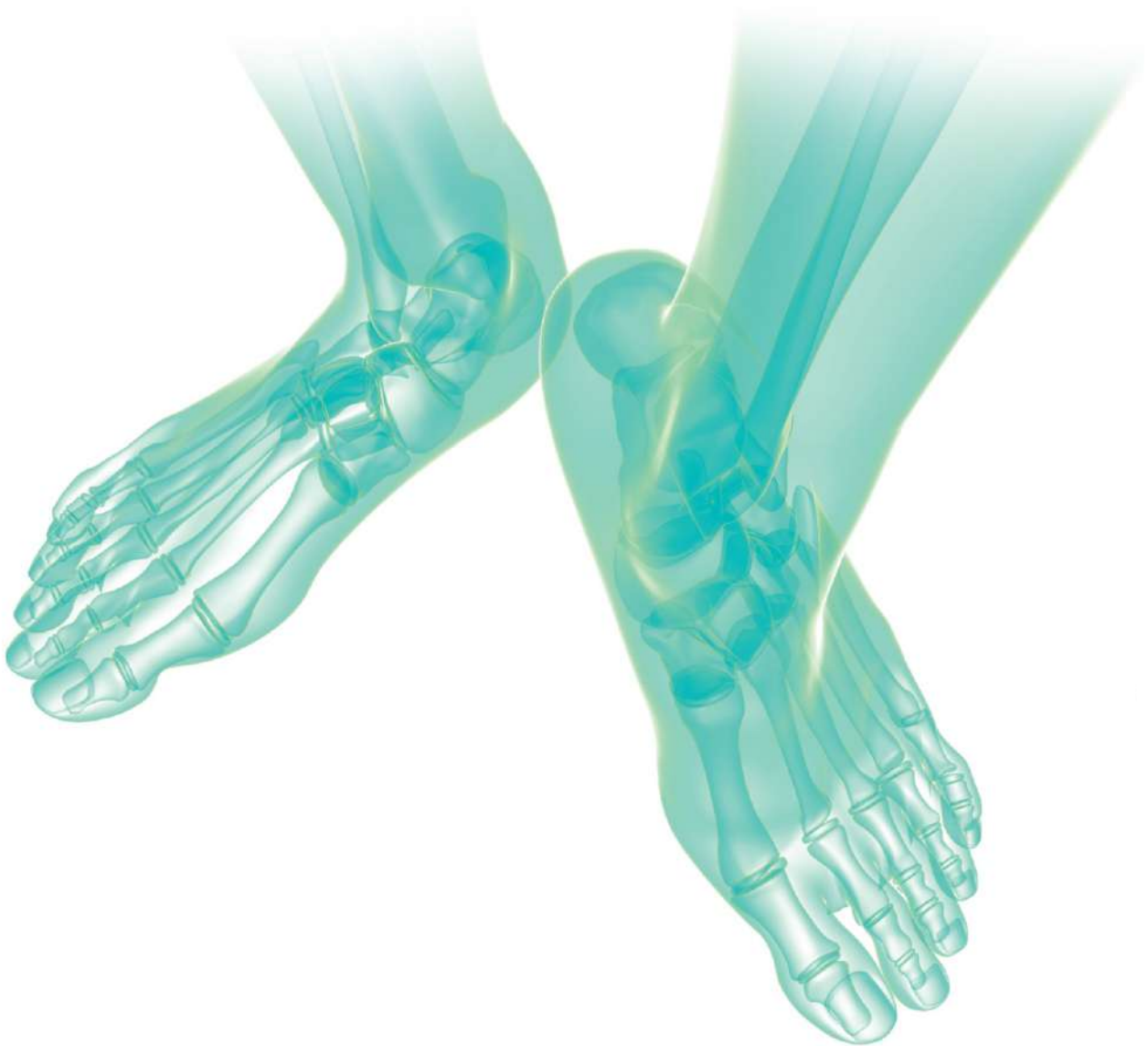




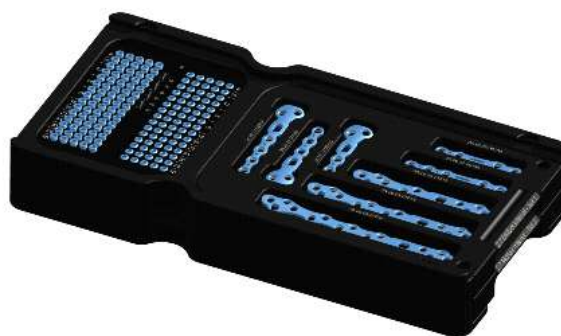
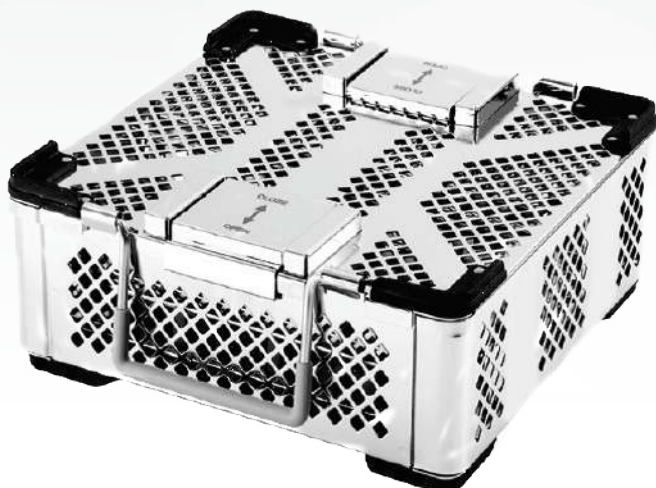
2.7 mm Midfoot Surgical Technique

Medical Implants

Astrolabe recognizes that proper surgical procedures and techniques are responsibilities of medical professionals.

The following guidelines are provided for information purposes only. Each surgeon must evaluate the appropriateness of the procedures based on their medical training, experience and condition of the patient. Before using the system, the surgeon must consult the operating instructions for additional warnings, precautions, indications, contraindications and adverse effects.

Midfoot System 2.7 mm



Midfoot System 2.7 mm

- Locking Plate System developed to attend multiple surgical demands of midfoot.
- 1.6 mm thickness



General Indications

- MPJ 1 Arthrodesis and Revisions
- MPJ 1 Iliac Crest Arthrodesis (revision)
- Metatarsal Arthrodesis
- Lisfranc Arthrodesis, Interposition and revision arthrodesis

2.7mm Midfoot Plates



**LOCKING PLATE
'CLOVER'**
N° Holes
10/ 12/ 14



LOCKING PLATE
N° Holes
04/ 05



**LOCKING PLATE
'T'**
N° Holes
05/ 06/ 07



**LOCKING PLATE
'T Oblique, Left'**
N° Holes
05/ 06/ 07/ 08/ 09



**LOCKING PLATE
'T Oblique, Right'**
N° Holes
05/ 06/ 07/ 08/ 09

2.7mm Midfoot Screws



**2.7mm
CORTICAL SCREW**
8mm - 30mm
2mm increments



**2.7mm
LOCKING SCREW**
8mm - 30mm
2mm increments

2.7mm Midfoot System



2.7 mm
Cortical/ Locking



Locking Plate, Locking Plates “T” e “T” Oblique

Plates System for the Internal Fixation of the Midfoot, indicated for:

- Arthrodesis of first MP Joint;
- Revision Arthrodesis of the MP Joint;
- Axial corrections and metatarsal shortening;
- Interpositioning and revision arthrodesis of Lisfranc joint.

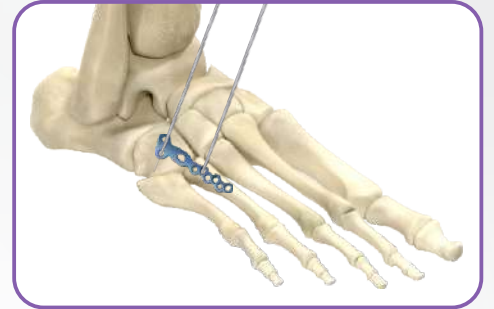


Locking Plate, Clover

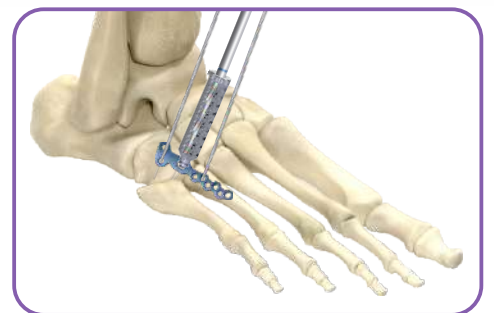
- The ends of the clover-shaped plate give it excellent stability
- Allow multiple arthrodesis from the 1st Metatarsus to the Navicular bone

Surgical Technique

- After choosing the appropriate plate, if necessary, it can be moulded (item 08) to better fit the patient's anatomy and provisionally fixed in place with a Kirschner Wire.



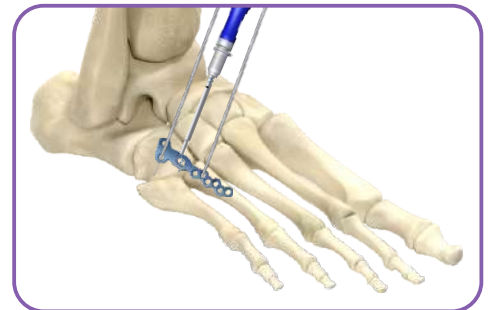
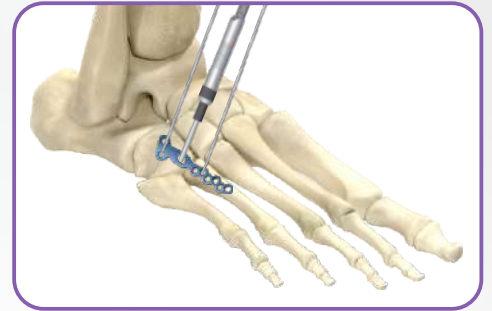
- Once the plate is temporarily fixed, attach the Threaded Graduated Drill Guide (item 04 - **it is mandatory if your option is to use Locking Screws**) on the plate and proceed with a perpendicular drilling, using the Drill Bit (item 01/02).



- If the option is to use Cortical Screws (non-locking) the Drill Bit can be conducted through the holes of the plates without a Drill Guide.
- **Note:** Avoid excessive modeling of the plate as this can compromise its locking mechanisms. When using plate bender (item 20), holes adjacent to the bender can lose the ability to lock. If this occurs, a Cortical Screw must be used.

Surgical Technique

- The reading of the screw measurement can be made directly on the Threaded Graduated Drill Guide (item 04) or using the Depth Gauge (item 06).
- Use the Shaft Screwdriver (item 05) properly attached to the Handle (item 03) and insert the screws.
- The procedure of placement of the screws is repeated as many times as necessary, for optimal fixation of the plate.
- Check the final position of the screws through the image intensifier to check if final position is according to initial intention.



Instruments

01

Drill Bit, Ø2.0 x 120 mm, Stop 50 mm,
AO Coupling, Blue Code
Cod.: 09.01.03.20020



02

Drill Bit, Ø2.0 x 125 mm, Stop 50 mm,
Stryker Coupling, Barrel Ø4.5 mm,
Blue Code
Cod.: 09.01.07.20021



03

Handle, Cannulated,
AO Coupling, 120 mm, Blue
Cod.: 09.04.04.12010



04

Graduated Drill Guide,
Ø2.0 x 40 mm, Threaded,
Blue Code
Cod.: 09.05.14.04020



05

Shaft Screwdriver, Torx-8, 90 mm,
AO Coupling, Blue Code
Cod.: 09.07.04.08091



06

Depth Gauge, 60 mm
Cod.: 09.08.01.00060:



07

Plate and Screw Holding Forceps
Angled, 150 mm
Cod.: 09.10.06.00150



08

Bender
for 2.7/3.5 mm System Plates
Cod.: 09.13.00.02735





2.7mm

Midfoot System

Surgical Technique

Rua José Gomes Ferreira nº 2 - Armazém 1
2660-517 São Julião do Tojal, Loures, Portugal
Tlf.: (+351) 219 672 298 | info@astrolabe-medical.com
www.astrolabe-medical.com