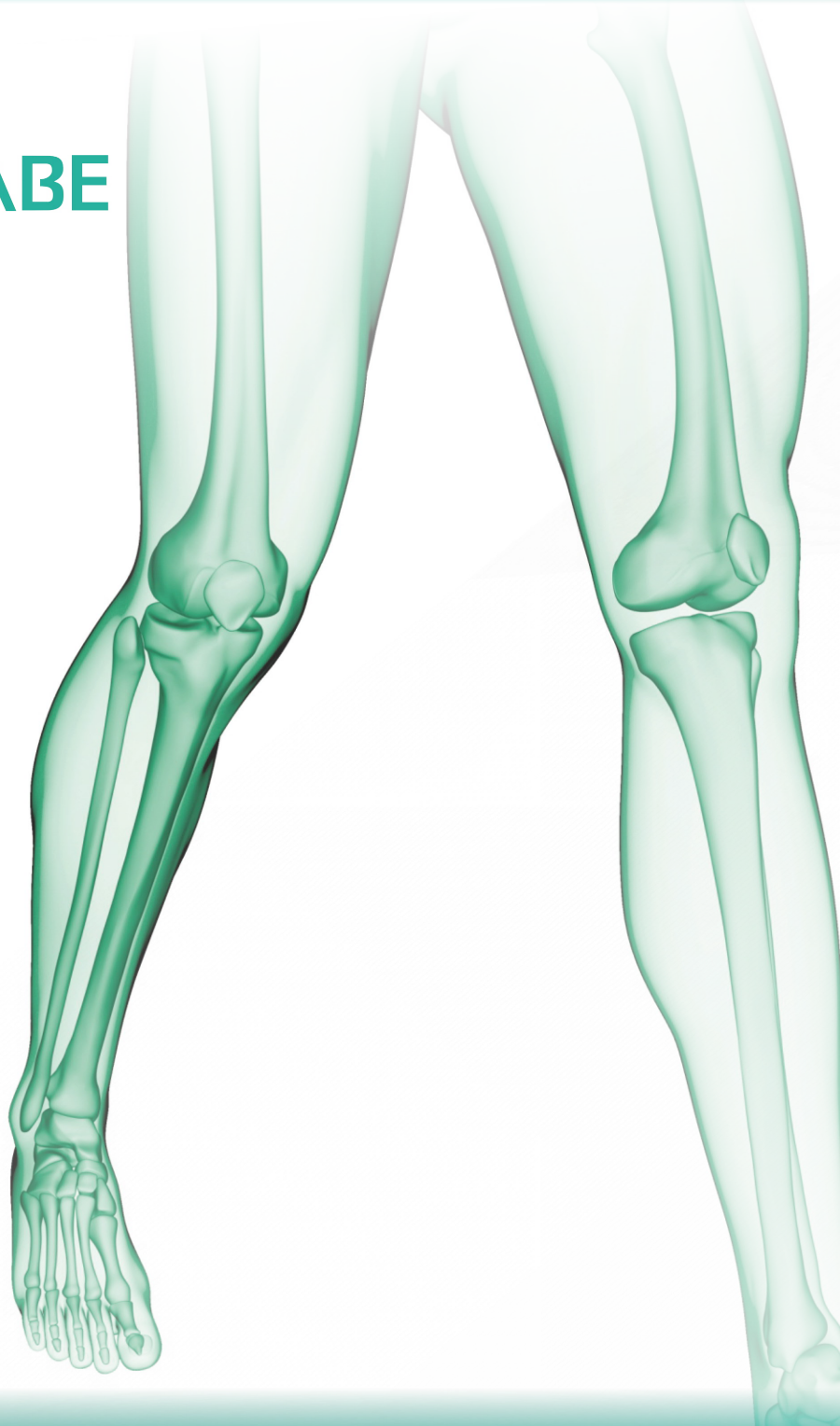




ASTROLABE
life and mobility



**2.7mm/3.5mm
Fibula Distal Plates
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.

NOTE:

Small Fragments Instruments are complementary to this System.

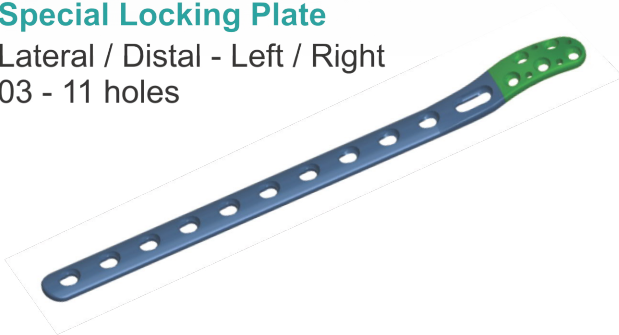


- Astrolabe Distal Fibula is anatomically design to attend fractures ranging from the distal part of the fibula to the fibular shaft and can be associated with Cortical Screws and/or Locking Screws.
- **General Indications:**
 - Fixation of fractures of Distal Fibula
 - Nonunions of metaphyseal and diaphyseal region of Distal Fibula
 - Osteotomies of Distal Fibula

Distal Fibula Plates

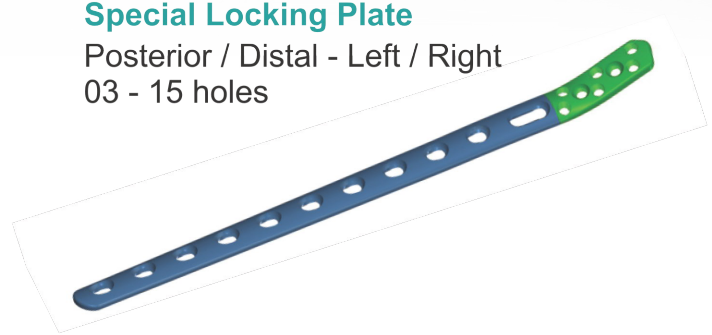
Special Locking Plate

Lateral / Distal - Left / Right
03 - 11 holes



Special Locking Plate

Posterior / Distal - Left / Right
03 - 15 holes



Distal Fibula Screws

Cancellous Screw Ø4.0mm Fully Threaded



10mm - 30mm, 2mm increments

Cancellous Screw Ø4.0mm Partly Threaded



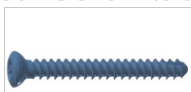
10mm - 30mm, 2mm increments

Cortical Screw Ø2.4mm



8mm - 30mm, 2mm increments

Cortical Screw Ø3.5mm



10mm - 30mm, 2mm increments

Locking Screw Ø3.5mm



10mm - 30mm, 2mm increments

Locking Screw Ø2.7mm



8mm - 30mm, 2mm increments

STEP 01

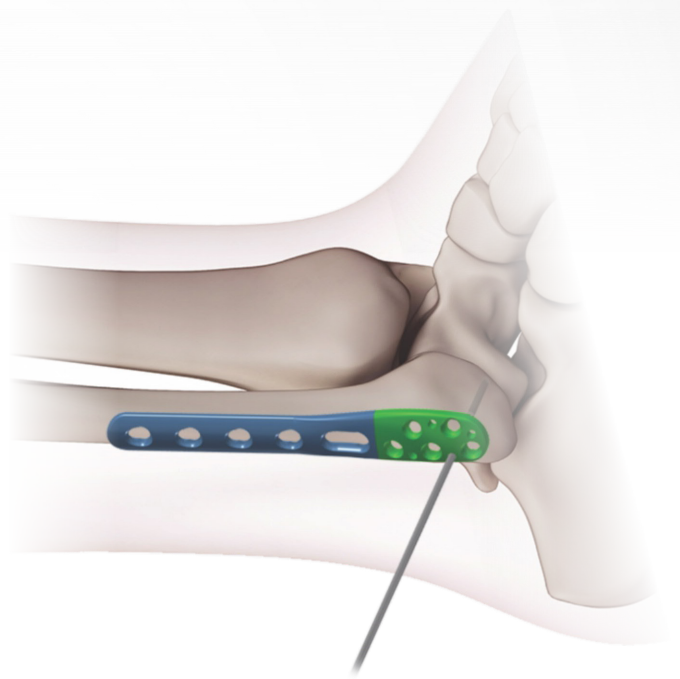
Surgical Technique

- Once reduction of the bone fragments has been properly done, choose the appropriate plate and , if necessary, it can be moulded to better fit patient's anatomy.

- Plate can be temporarily fixed by using Kirschner Wires, plate Holding Sleeve, 2.4mm Cortical Screws in one of distal holes or 3.5mm placed in a combi-hole.

Distal Screw Placement

- Determine the combination of screws for the fixation.
Once is decided to use both screws (cortical and locking), cortical screws should be placed first, in order to pull the bone to the plate.

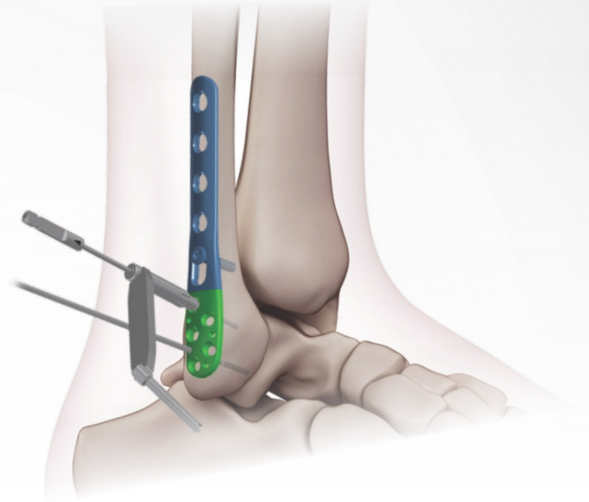


STEP 02

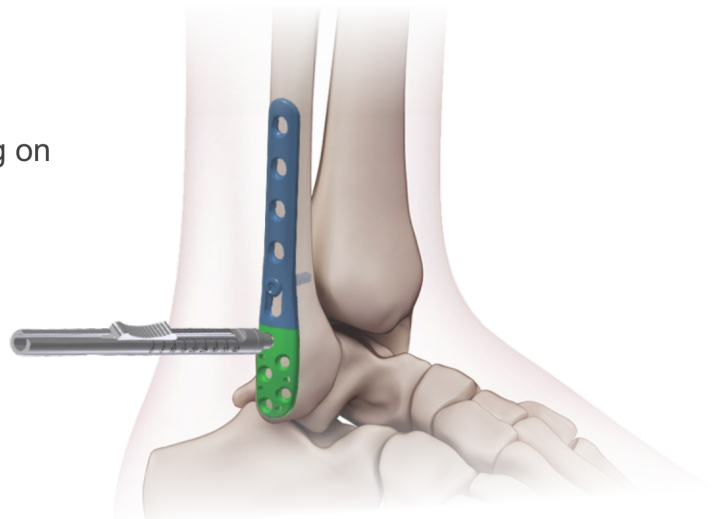
Surgical Technique

● Fixation with 2.4 mm cortical screws

Properly place the Drill Guide, Ø2.4/Ø1.8mm, Universal (Item 03) over the plate then proceed with drilling using 2.0mm Drill Bit (Item 02).



- Screw measure can be obtained by reading on Depth Gauge (Item 07).

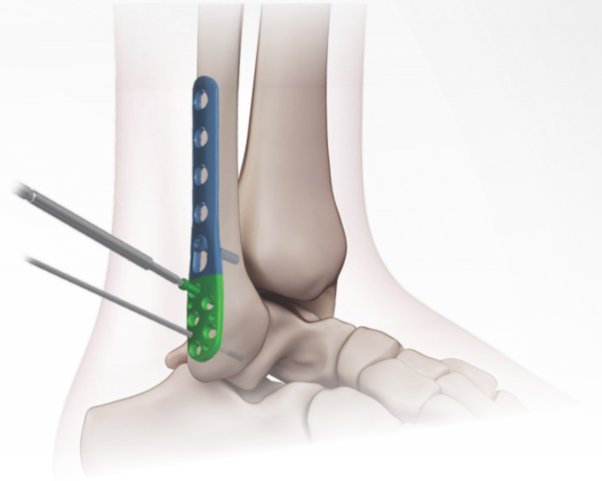


STEP 03

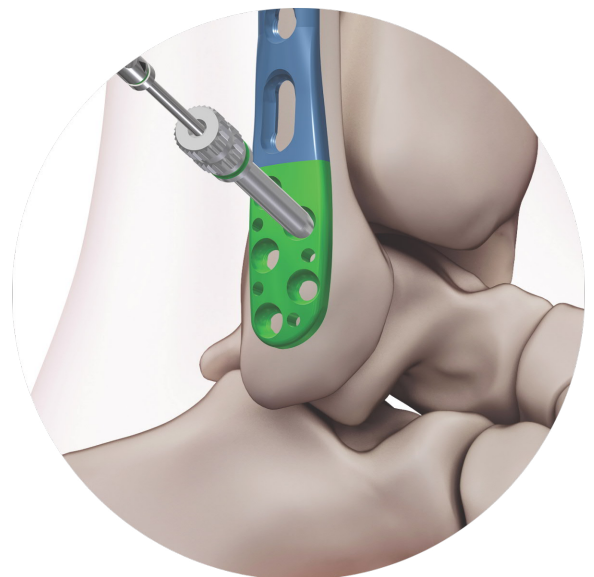
Surgical Technique

- Use the Shaft Screwdriver (Item 06) properly attached to the torque limiter to position the screws.

The positioning of the screws can be done manually or by using power tool.



- The guiding of the drilled holes can also be done using the threaded Drill Guide (Item 04) screwed in the 2,7 portion of the plate.

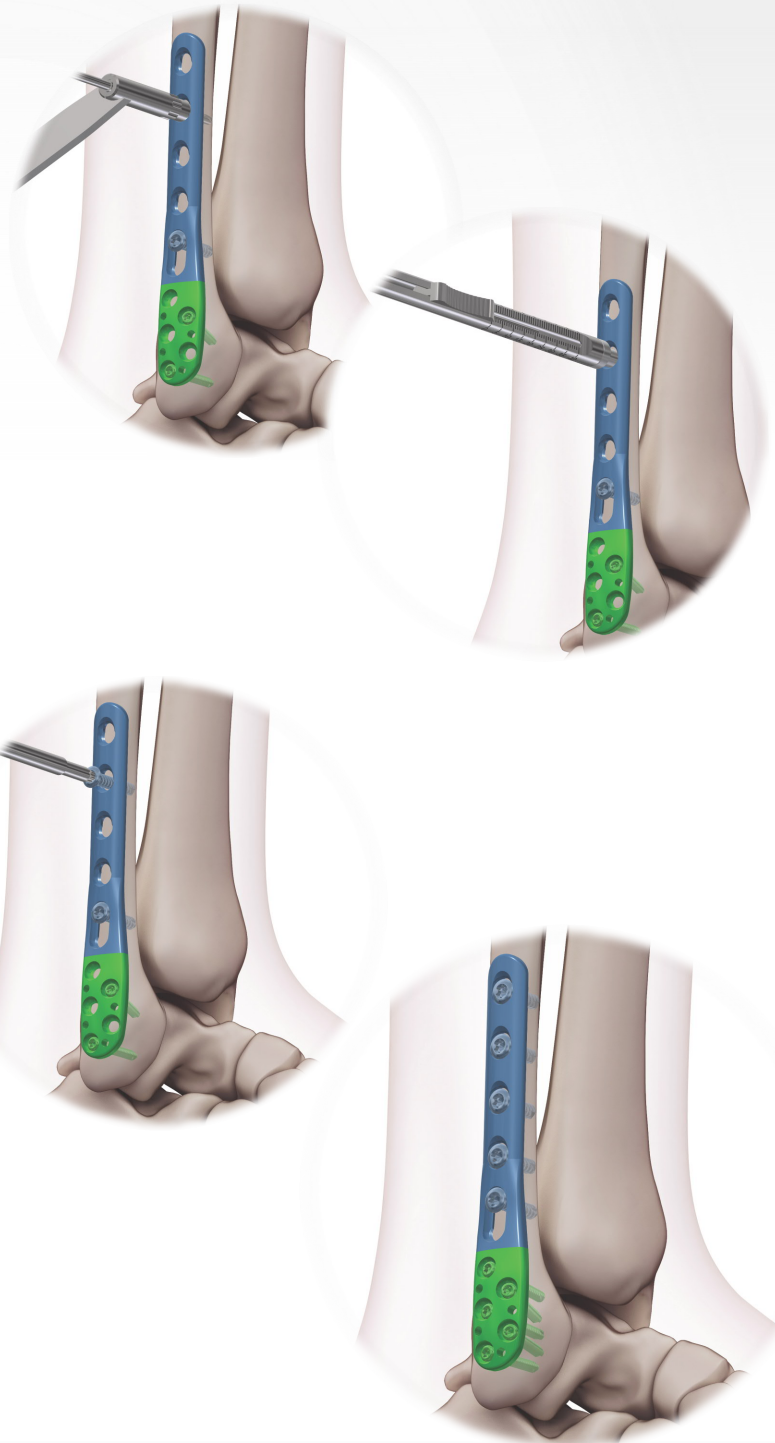


STEP 04

Surgical Technique

Fixation with 3.5 mm Locking Screws

- Properly place Drill Guide, Ø3.5 / Ø2.5mm (Small Fragments), then proceed with drilling using the Ø2,5 Drill Bit.
- Optionally Screw measure can be obtained by reading on Depth Gauge (Item 07).
- Use the Shaft Screwdriver T15 (Small Fragments) properly attached to the torque limiter to screw in the 3,5 screws (Small Fragments).
The positioning of the screws can be done manually or by using power tool.
- Repeat the procedure until all required shaft holes are used.
Finally, confirm reduction and fixation.



01

Drill Bit - Ø1.8 x 100mm - Twist

Length 30 mm - AO Coupling
Cod.: 09.01.01.18100



02

Drill Bit - Ø2.0 x 100mm - Twist

Length 30mm - AO Coupling
Green Code
Cod.: 09.01.14.20100



03

Drill Guide - Ø2.4 / Ø1.8mm

Universal
Cod.: 09.05.01.24000



04

Drill Guide - Ø2.0mm

Threaded
Cod.: 09.05.05.20000



05

Holding Sleeve - Ø2.4mm

Cod.: 09.06.04.24000



06

Shaft Screwdriver - Torx-8

110mm - AO Coupling
Cod.: 09.07.04.08110



07

Depth Gauge - 40mm

Short
Cod.: 09.08.01.00042



08

Screw Forceps - Small

Cod.: 09.10.01.00000



09

Bender - Left

For 3.5mm Clavicle Plates
Cod.: 09.13.00.10035



10

Bender - Right

For 3.5mm Clavicle Plates
Cod.: 09.13.00.20035





2.7mm/3.5mm Fibula Distal Plates Surgical Technique

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