

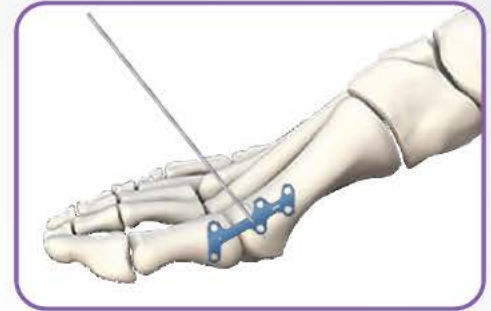
Astrolabe recognizes that proper surgical procedures and techniques are responsibilities of medical professionals.

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.

Step 1

Modeling and temporary fixation of plate

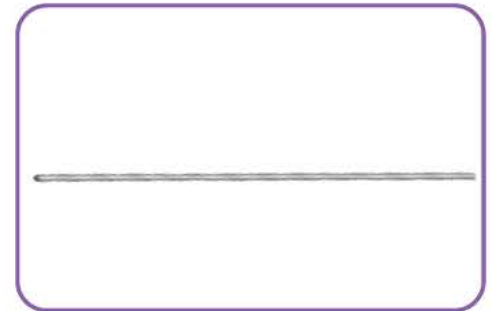
- After choosing the appropriate plate, it is moulded to better fit the patient's anatomy and is provisionally fixed in place with a Kirschner wire.



Instruments:



Bending Pliers, flat, 135mm:
09.14.02.00135



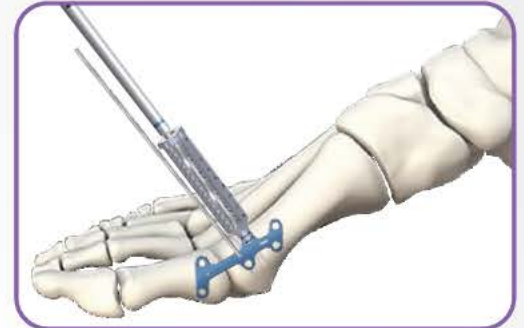
Kirschner Wire:
17.02.01.09100
17.02.01.11100

- **Note:** Avoid excessive modeling of the plate as this can compromise its locking mechanisms. When using plate benders, holes adjacent to the bender can lose the ability to lock. If this occurs, a Cortical Screw must be used.

Step 2

Drill

- After temporary fixing in place of the plate with the Kirschner Wire, attach the Graduated Drill Guide on the plate and start drilling.



- **Fixed angle technique (Locking Screws):**
During the drilling process, the hole in the plates cannot be damaged. This drilling process must be perpendicular to the plate by using the appropriate drill guide. The Drill Bit must be conducted through the drilling guide channel.
- **Variable angle technique (Cortical Screws):**
the drill bit must be conducted through the holes of the plates without a drill guide.

Instruments:



Drill Bit: 09.01.03.20020



Drill Bit: 09.01.04.20095



Drill Bit: 09.01.07.15010



Drill Bit: 09.01.07.20021



Drill Bit: 09.01.10.20095

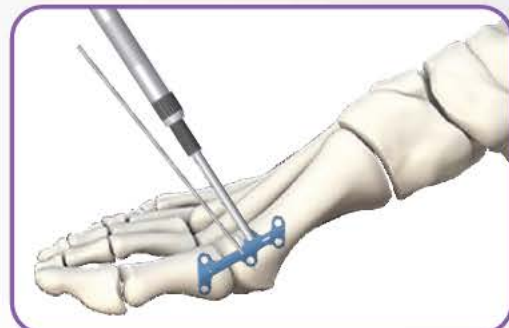


Graduated Drill Guide:
09.05.14.0420

Step 3

Depth Measurement

- The reading of the screw measurement can be made directly on the Graduated Drill Guide or using the Depth Gauge.



Instruments:



Depth Gauge: 09.08.01.00060

Step 4

Screw placement

- Use the Screwdriver to insert the screw

Instruments:



Shaft Screwdriver: 09.07.08.091



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



Cortical Screw \varnothing 2.7 mm:
15.04.03.27020



Locking Screw \varnothing 2.7 mm:
15.14.03.27020



Finalization

- The procedure for placing 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.
- Remove and dispose of the Kirschner Wire.
- Final X-ray monitoring.

