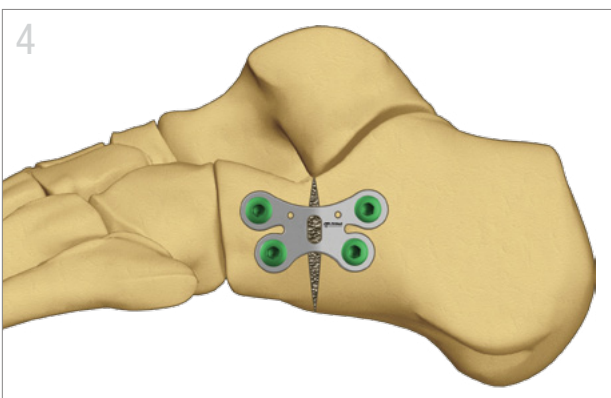
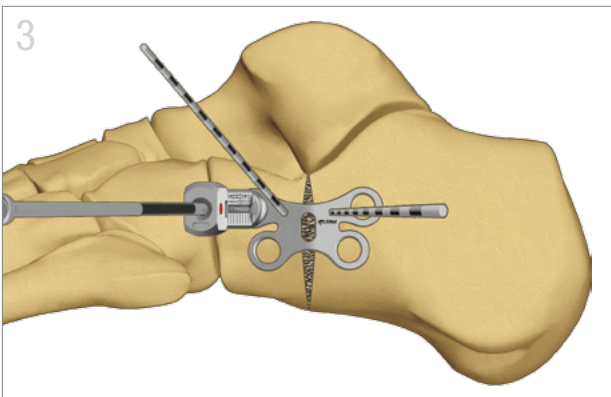
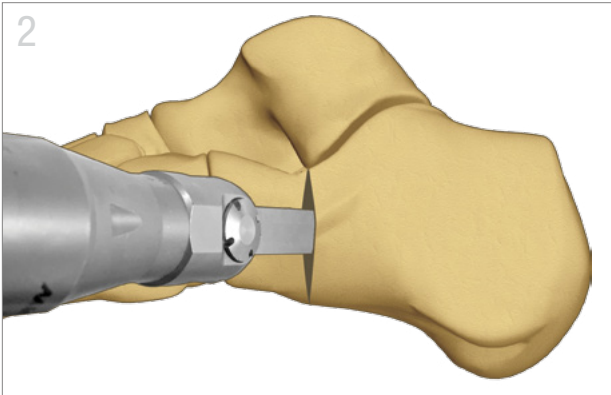
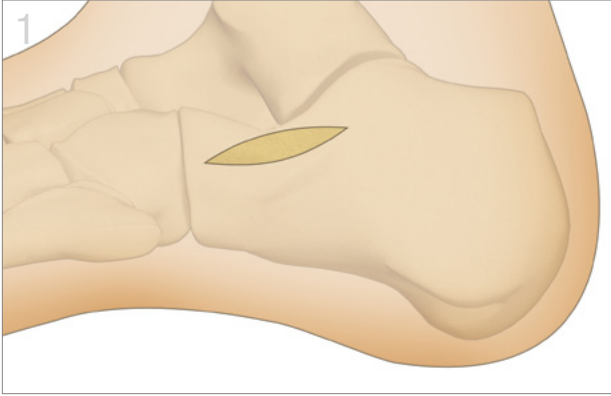


Evans Plate™

Surgical Technique | *TriMed Foot Plating System™*



Exposure

- Make an incision that extends from the inferior tip of the fibula towards the center of the calcaneal-cuboid joint. Exercise care to avoid injury to the sural nerve.
- Continue the incision in the interval between the extensor digitorum brevis muscle and peroneal tendons.
- Incise the periosteum overlying anterior process of the calcaneus to expose the osteotomy site 1.0-1.5cm proximal to the calcaneocuboid joint.

Osteotomy and Graft Application

- Create the osteotomy with an oscillating saw; use irrigation liberally to prevent overheating of the saw blade.
- Using a lamina spreader, distract the osteotomy site to lengthen the lateral border of the calcaneus.
- Insert structural bone graft into the osteotomy.

Plate Application

- Apply the Evans Plate to the lateral wall of the calcaneus, centered over the osteotomy site.
- Insert 1.1mm K-wires through the pin holes in the plate for provisional fixation.
- Use 2.3mm drill (red) for 3.5mm screws. Insert screws with Hex 2.5mm driver (red).

Final Fixation

- Remove remaining K-wires. Check final screw placement and osteotomy on C-arm.
- Irrigate and close in layers.