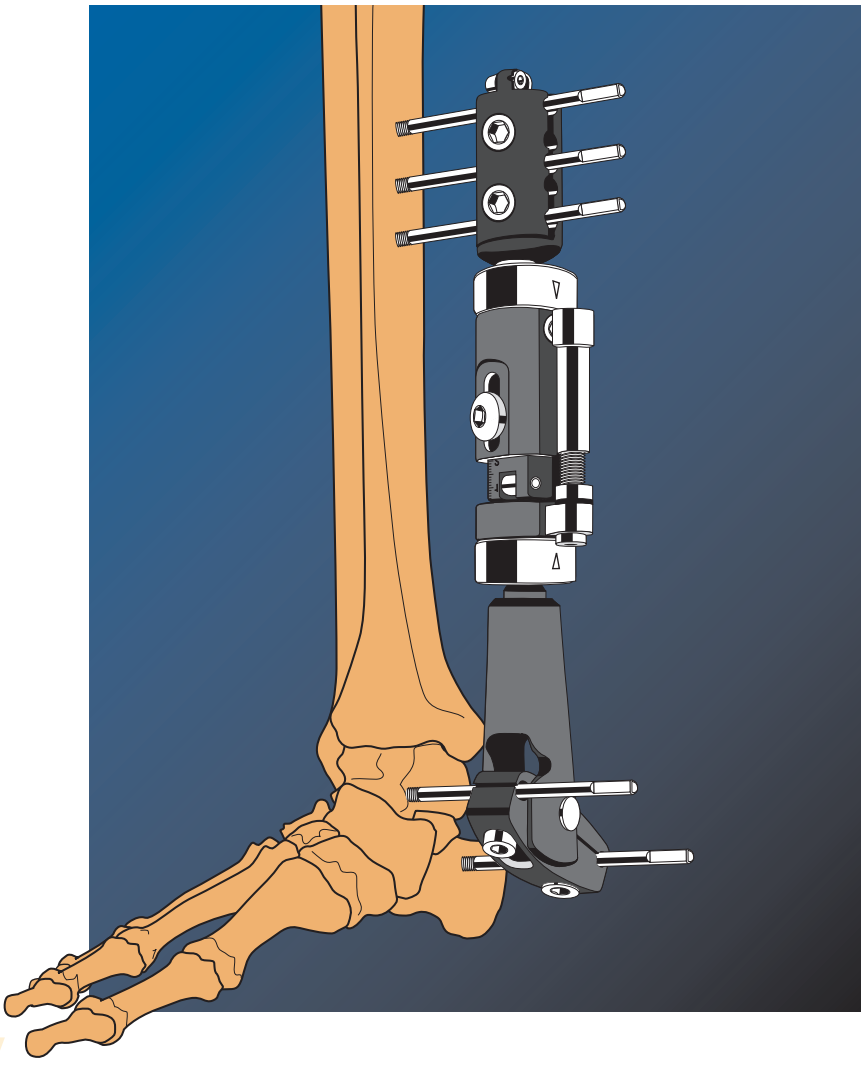
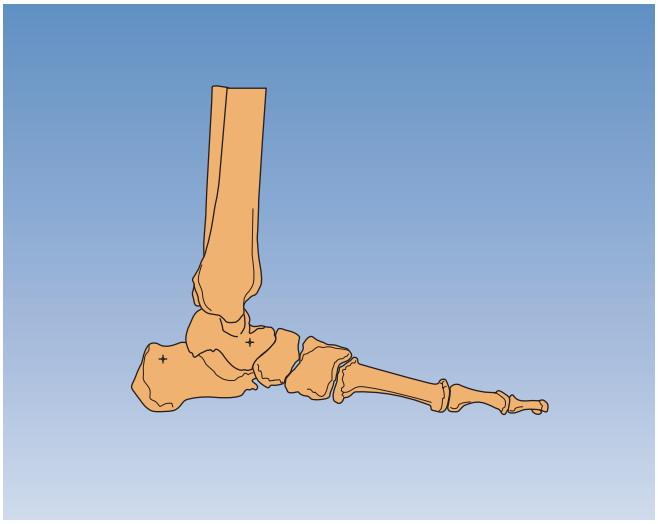
QUICK REFERENCE GUIDE



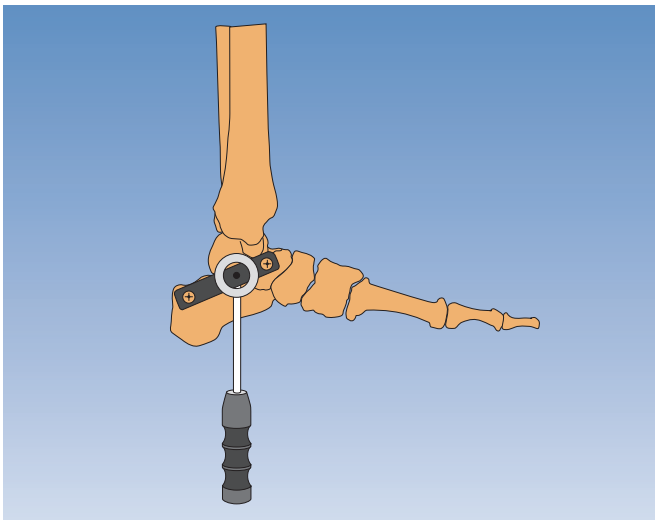
Distal Tibial and Pilon Fractures with the Radiolucent Ankle Clamp

By Dr. J.L. Marsh and Dr. F. Lavini

ORTHOFIX®

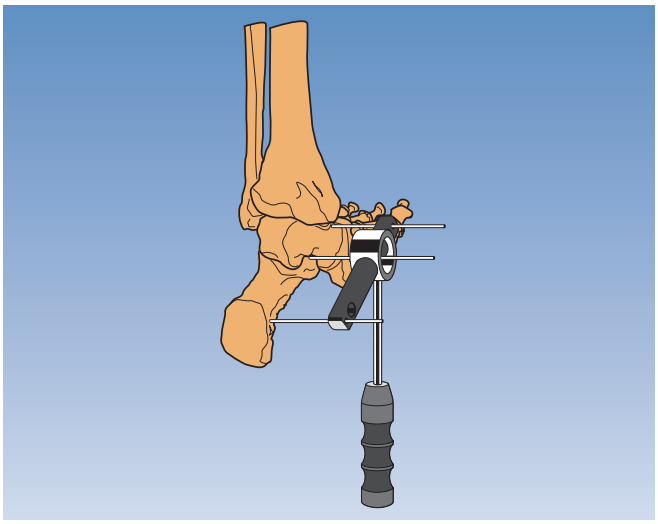


Insert distal screws first: one in talus and one in calcaneum.



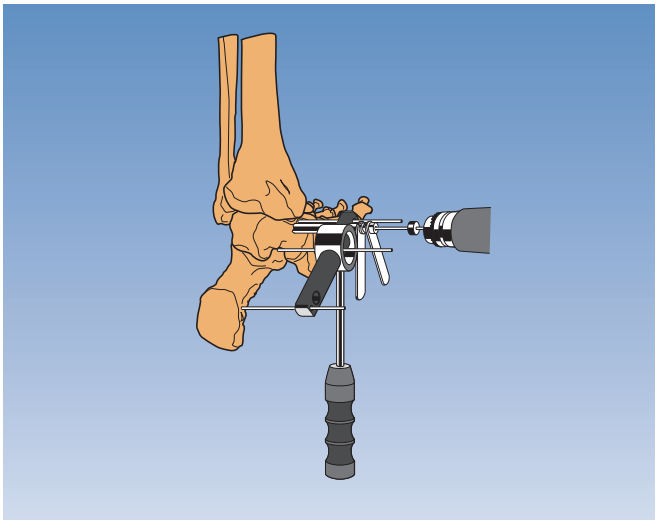
To identify approximate centre of rotation of tibio-talar joint, place centre of pin guide over medial projection of sinus tarsi, parallel to dome of talus in AP projection. Identify ideal position of anterior screw by moving pin guide about its axis under image intensification.

Align handle of pin guide with axis of the tibia.

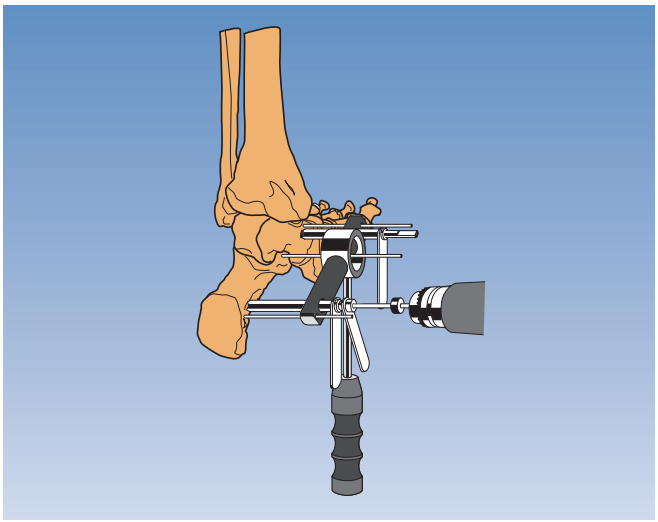


Insert a 2 mm K-wire through centre of pin guide, down to skin.
Insert K-wires into two small holes in pin guide to stabilise it for screw insertion.

Note: Anterior screw hole in pin guide should be over centre of neck of talus.



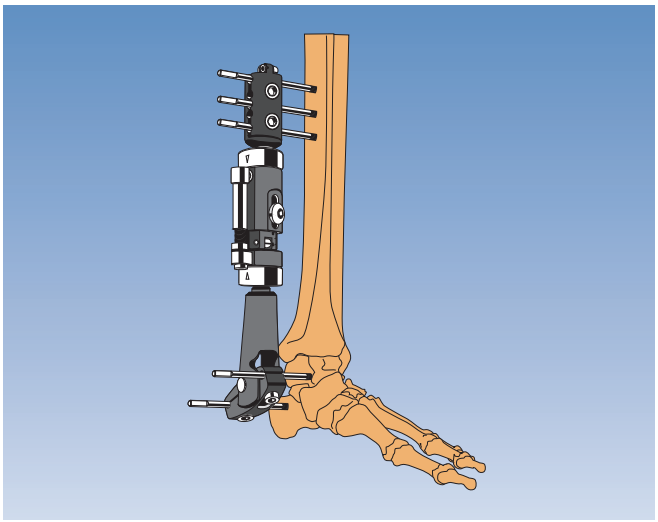
Insert screw guide and 3.2 mm drill guide through anterior hole in short arm of pin guide. Check that it is in centre of bone.
Drill bone with 3.2 mm drill bit. Replace with 4.8 mm drill guide and drill first cortex only.



After removing drill guide insert screw into talus.

Repeat same procedure for insertion of second screw into calcaneum.

Note: OsteoTite (HA-Coated) bone screws are strongly recommended for this application.



Remove K-wires and pin guide and place fixator over distal screws.
Use fixator as template for placement of tibial screws.
Lock the fixator, using a torque wrench for the cams only.

The Orthofix Quality System has been certified to be in compliance with the requirements of:
- Medical Devices Directive 93/42/EEC, Annex II - (Full Quality System)
- International Standards ISO 13485 / ISO 9001 for external fixator devices, implants for osteosynthesis and related instruments.

⚠ See "Orthofix External Fixation System" instruction leaflet (PQ EXF) prior to use.

Manufactured by: ORTHOFIX Srl
Via Delle Nazioni 9
37012 Bussolengo (Verona)
Italy

Telephone +39-0456719000
Fax +39-0456719380

CE 0123

Your Distributor is:

Deformity Correction | Trauma | Pediatrics | Bone Growth Stimulation

www.orthofix.com

PG 070 E0 05C-10/09

ORTHOFIX®
Orthopedics International