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Trauma

T2[®] Ankle Arthrodesis Nail

At-A-Glance Guide

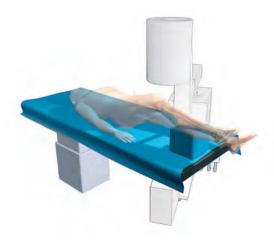
Set-Up & Technique



T2[®] Ankle Arthrodesis Nail

Set-Up & Technique

1. Patient Positioning: Supine on radiolucent table. Large block under affected limb.



2. Osteotomy of fibula: 5-6cm lateral incision along the distal lateral malleolus.

Pearls: Save resected bone as allograft. Debride Tibio-talar surfaces to facilitate joint fusion.



3. Incision & Entry: K-Wire on plantar surface (1/3 Lateral). Take axial view; ensure that

K-Wire is aligned with longitudinal axis of the calcaneus. Confirm under fluoro. Mark foot with surgical pencil.

Place K-Wire on lateral side in line with the tibial axis. Carry mark around to hindfoot. Confirm under fluoro.





4. With a 4.2mm **Center Tip Drill** make entry point through calcaneous tibia.

Pearl: Ensure that compression screw is preloaded.



5. Guide wire: Place nail over guide wire with P/A Aiming Jig attached. Determine nail alignment and place K-Wire through P/A Aiming Arm into calcaneus.



6. Target Talus Screw: Partially Threaded for compression.

Pearl: Complete proximal locking before internal compression is applied (See *Step 7*).



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7. Rotate targeting arm to drill proximal holes.



8. Apply internal compression by inserting screw driver into nail bolt. You may also apply external compression using apposition handle.



9. Insert Calcaneal Screw: After rotating targeting arm to lateral position.

Pearl: Calcaneal Screw Hole is threaded for additional axial stability.



10. Rotate for P/A Screw

Pearl: Use Countersink Drill Bit so that screw head is recessed in the calcaneus.



11. Insert End Cap to lock proximal screw, creating a fixed angle construct.

Pearl: Select a screw 5mm less than indicated on the depth gauge or calibrated drill.







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