Medial Malleolar Sled™
Surgical Technique | TriMed Ankle Fixation System™
Exposure and Initial Reduction

- Expose medial malleolus with a longitudinal incision.
- Reduce fracture and insert a single 1.1mm (.045”) K-wire in the center of the fragment for temporary fixation.

Drill Longitudinal Holes

- Apply the Medial Malleolar Sled Guide against tip of medial malleolus by holding the referencing tab flat against the surface of the proximal fragment.
- Using the Guide, insert two 0.9mm K-wires across fracture site deep into the proximal fragment. Confirm position with X-ray.
- Remove the Guide. Using a 2.0mm cannulated drill bit over 0.9mm K-wires, drill holes past fracture site deep enough to accommodate legs of the Sled.

Engage Sled Legs onto Guide Pins

- Slide the legs of the Medial Malleolar Sled™ over the guide pins.
- Engage tips of the legs into the distal fragment.
- Remove the guide pins.
Apply Medial Malleolar Sled Washer Guide

- Seat the groove of the Medial Malleolar Sled Washer Guide against the proximal loop of the Sled and manually compress the fracture.
- Drill two holes with the 2.3mm drill through the guide at an approximate 15° angle. Avoid penetration of the ankle joint.
- Remove the Guide and apply the Medial Malleolar Sled Washer.

Impact the Medial Malleolar Sled

- Impact the Sled until it is fully seated against the distal fragment.

Final Fixation

- Insert a 3.8mm cancellous bone screw into the distal hole but do not tighten completely.
- Insert and seat the second cancellous screw into the proximal hole to compress fracture.
- Fully tighten the distal bone screw to complete fixation.
All implants made from surgical grade stainless steel

**Medial Malleolar Sled™**
- MMSLED-35  L=30mm
- MMSLED-42  L=37mm
- MMSLED-60*  L=51mm
*Special Order

**Impactor**
- SLED-IMPACTR

**Sled Washer**
- MMSLEDW

**Cancellous Screw**
- CAB 3.8-xx
  - 10mm to 40mm

**Medial Malleolar Sled Guide**
- MMSLED-GUIDE

**Medial Malleolar Sled Washer Guide**
- MMSLEDW-GUIDE

**TriMed Ankle Fixation System™**

Medial Malleolar Sled™  Sidewinder™  Ankle Hook Plate™

*The technique presented is one suggested surgical technique. The decision to use a specific implant and the surgical technique must be based on sound medical judgment by the surgeon that takes into consideration factors such as the circumstances and configuration of the injury.*


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