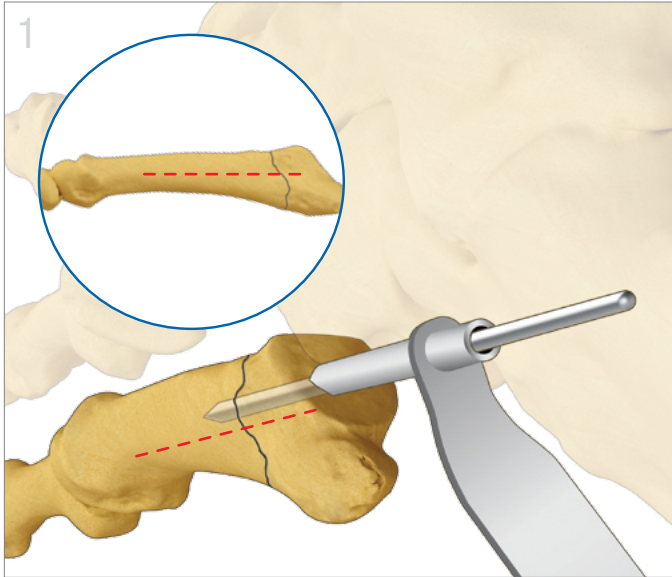




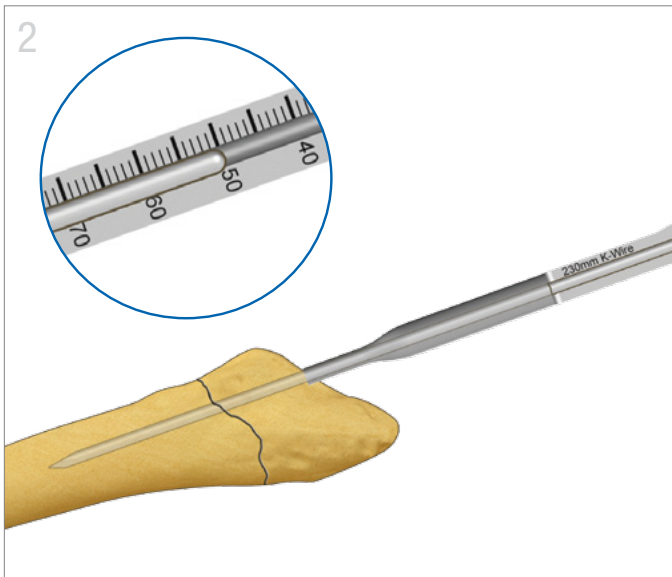
Jones Screw™

Surgical Technique | *TriMed Fifth Metatarsal System™*



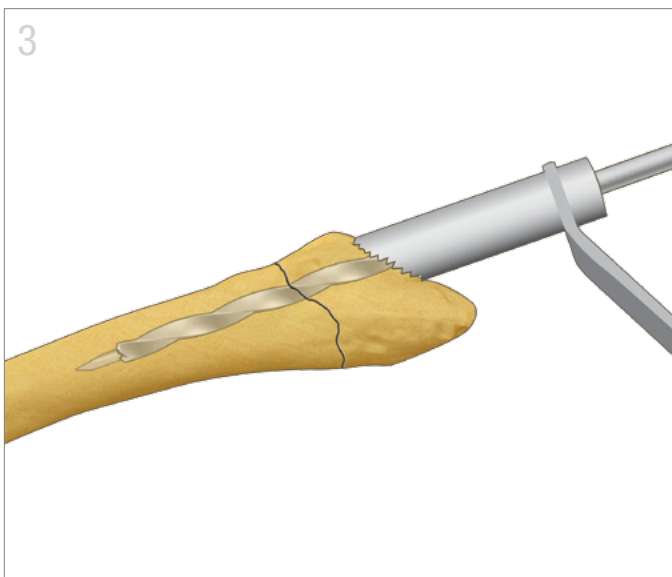
Approach and K-wire Placement

- Make standard lateral incision 1-3cm parallel to the plantar border of the foot extending proximally at the level of the fifth metatarsal tuberosity. Bluntly dissect down to the base. Avoid the sural nerve and peroneus brevis tendon.
- Place K-wire Guide sleeve “high and inside” to the midline of the fifth metatarsal base on lateral view. Select appropriately sized K-wire. (see screw table)
- Advance K-wire into center of intramedullary canal of the 5th metatarsal. Continuously verify the K-wire placement on the AP and Lateral Views. Stop proximal to the diaphyseal curve.



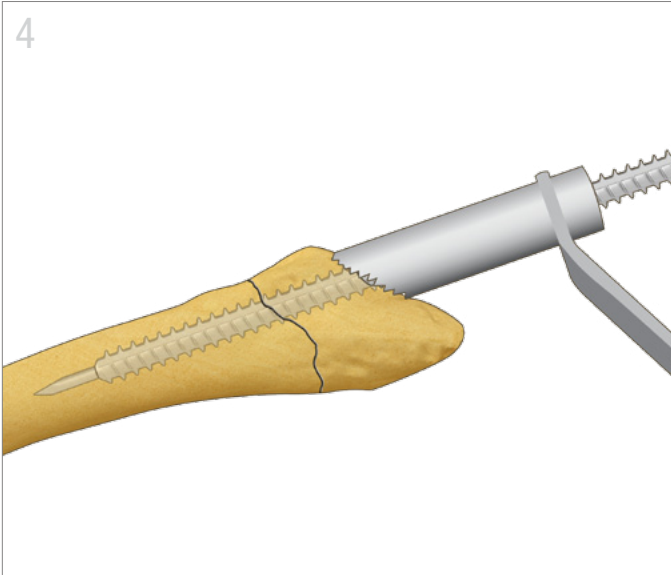
Measure Depth

- Measure K-wire depth with Wire Gauge and place Tissue Protector sleeve over K-wire.



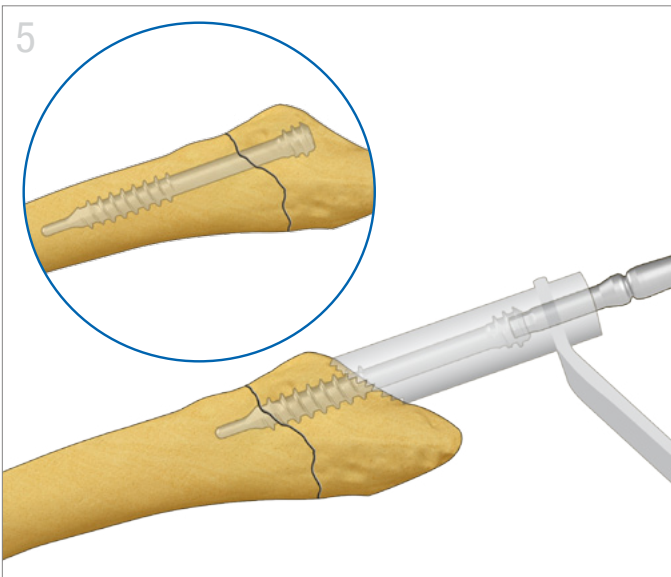
Drill for Screw

- Select appropriately sized cannulated drill bit based on pre-op intramedullary canal measurement and place over K-wire. Drill to measured depth.



Tap for Screw

- Select the appropriate tap and tap for the screw.
- Taps can be used to confirm a screw size appropriate to the patient's anatomy. The tap should fit snug in the distal part of the intramedullary canal of the 5th metatarsal.



Insert Screw

- Remove K-wire. Insert screw with corresponding screwdriver.
- Check final screw placement and fracture reduction on C-arm on Lateral and AP views.
- Irrigate and close in layers.

XRAY



Pre-Op



Post-Op at 2 weeks




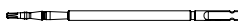


Final Post-Op

X-Rays courtesy of Harpreet S. Basran, MD

All implants made from surgical grade stainless steel

SCREW TABLE

	4.5mm	5.5mm	6.5mm
 K-wire	1.6mm	2.0mm	2.0mm
 Drill Bit	3.2mm Cannulated	4.0mm Cannulated	4.8mm Cannulated
 Taps	4.5mm Cannulated	5.5mm Cannulated	6.5mm Cannulated
 Screwdriver	2.5mm Hex	3.0mm Hex	3.5mm Hex

Jones Screw

JHEX45xx
JHEX55xx
JHEX65xx
xx = 40mm to 60mm
(5mm increments)



Jones Guide

GUIDEFMS



Wire Gauge

GAUGEWIR-2.5/230



Ratchet Handle

HNDL-RATCH



TriMed, Inc. / 27533 Avenue Hopkins / Valencia, CA 91355 USA / 800-633-7221 / www.trimedortho.com

Patent Coverage: TriMed, Inc. products are covered by patents issued in the U.S. and in foreign jurisdictions. The presently issued U.S. patents are: 5,709,682; 5,931,839; 5,941,878; 6,077,266; 6,113,603; 7,037,308; 7,195,633; 7,540,874; 8,177,822; 8,821,508; 8,906,070; 9,089,376; 9,283,010; 9,220,546. The TriMed Jones Screw has U.S. and international patents pending. TriMed Jones Screw is a trademark of TriMed, Inc.

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.

