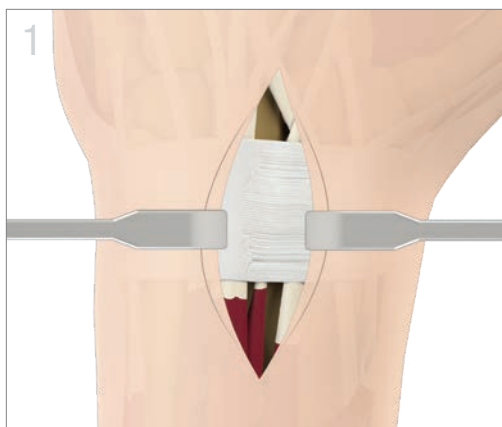


Dorsal Ulnar Pin Plate™

Wrist 3





Exposure

- Incise skin and deep fascia over the 4th compartment tendons.
- Continue dissection between either the 3rd and 4th or the 4th and 5th extensor compartments.
- If needed, transpose the EPL from Lister's tubercle and resect the terminal branch of the posterior interosseous nerve.
- Expose the dorsal ulnar corner of the radius.



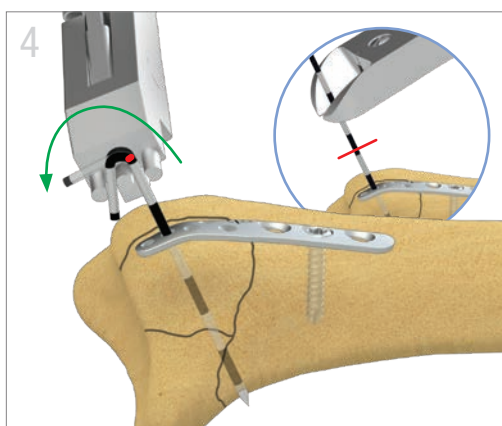
Fracture Reduction and Provisional Fixation

- Reduce dorsal and ulnar corner fragments with traction and palmar flexion of the wrist.
- Direct a 1.1 mm (0.045") K-wire through the ulnar corner fragment so it exits the volar shaft proximal to the fracture line and slightly radial.



Plate Contouring and Application

- With a Pin Clamp at either end apply a slight 15° torsional bend (supinated) bend to the central portion of the Dorsal Ulnar Pin Plate™.
- Select a distal pin hole for optimal fit, slide the plate over the K-wire, and seat the plate proximally against the bone.
- Drill a proximal hole using the standard 1.8mm drill guide (GUIDE-1.8/2.4) and 1.8mm (blue) drill bit. Measure length with the depth gauge (GAUGE-1.8) and insert a 2.4mm cortical screw.



Creating Pin Hook (see Note 1)

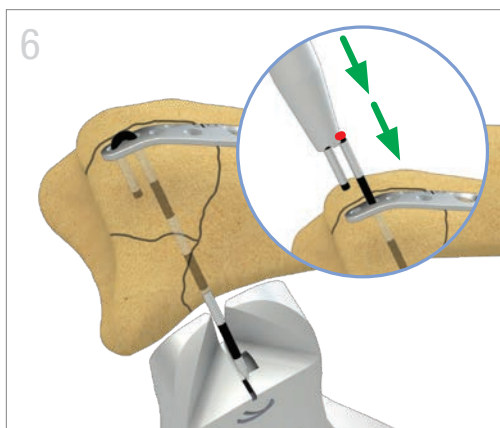
- Cut the K-wire 2cm* or more above the surface of the plate.
- Position Wire Bender at 1cm* above the surface of the plate.
- Create hook by simultaneously squeezing and rotating the Wire Bender in the direction of the bend.

* 1cm = 1 black stripe + 1 silver stripe



Finishing the Hook

- Hold the end of the hook with one Pin Clamp and complete the hook with the second Pin Clamp.
- Slightly over-bending the hook will allow it to snap into the plate.
- Predrill the hole with a 1.1mm K-wire to receive the hook, either in an adjacent pinhole or over the edge of the plate.



Impacting and Cutting K-wire

- Through the volar incision, place a retractor under the pronator and place the standard 1.8mm drill guide (GUIDE-1.8/2.4) over the tip of the K-wire.
- Return to dorsal side and fully seat the pin against the plate with the Impactor.
- Retract the pronator and slide the guide off the K-wire. Cut the K-wire flush to the volar surface of the bone.



Final Fixation

- If additional fixation is needed, skip a hole and insert a second 1.1mm K-wire and repeat steps 4-6.
- Complete fixation with additional 2.4mm cortical screws proximally.

NOTES & TIPS

Note 1. When a volar or volar-radial incision is not present follow the Radial Column Pin Plate™ sequence for creating and impacting the pin hook.

Tip 1. To help reduce a stubborn ulnar fragment, place a freer elevator in the axilla just proximal to DRUJ and gently pull the ligaments distally to coax the sigmoid notch fragment into position for pinning.

Tip 2. If necessary, cover the distal end of the plate with a strip of retinaculum to avoid contact with the extensor tendons.

All components are **Wrist Fixation System 3 (WS3)** items. All implants made from surgical grade stainless steel.



Cortical Screw,
2.4mm

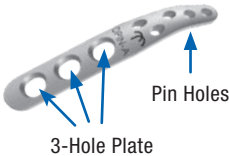
Screw Table

	TRX2.4-XX
Length	10-32mm *
Drill	1.8mm
Guide	GUIDE-1.8/2.4
Driver	Torx 8

* 2mm increments

Dorsal Ulnar Pin Plate™

- DPIN-3 (3 Hole)
- DPIN-5 (5 Hole)
- DPIN-7 (7 Hole)



Wire Bender

BNDWIR-1.1



Pin Clamp

PINCLAMP



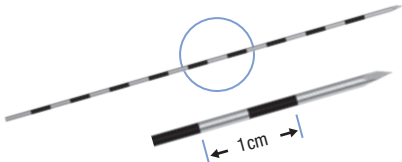
Impactor

IMPCT



K-Wire

WIRE-1.1/100



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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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For indications, contraindications, warnings and precautions related to TriMed Wrist Fixation System 3 reference IFU on trimedortho.com/ifu.

See trimedortho.com/patents for all patent information.