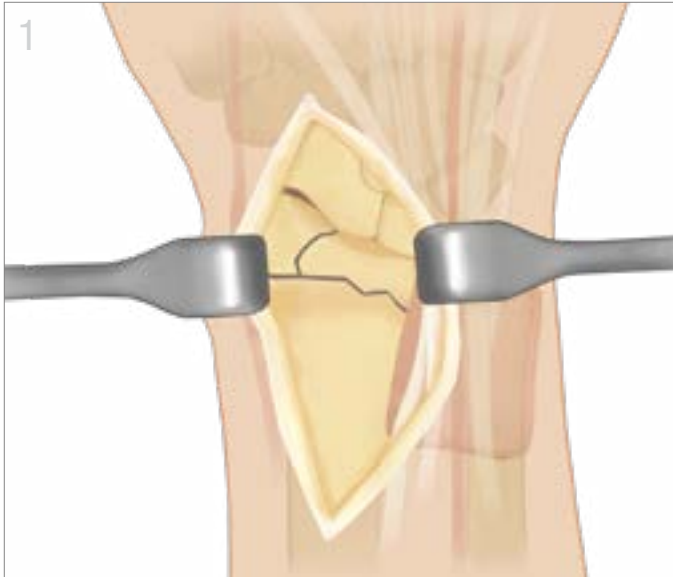




# Volar Buttress Pin™

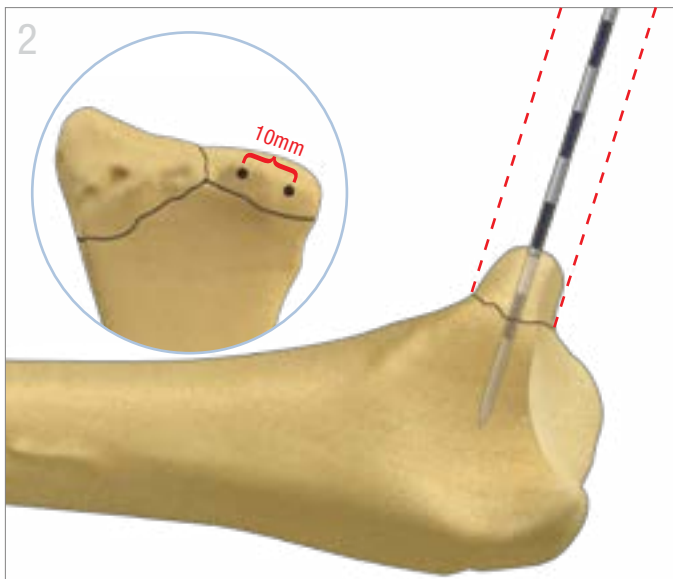
Surgical Technique | *TriMed Wrist Fixation System*





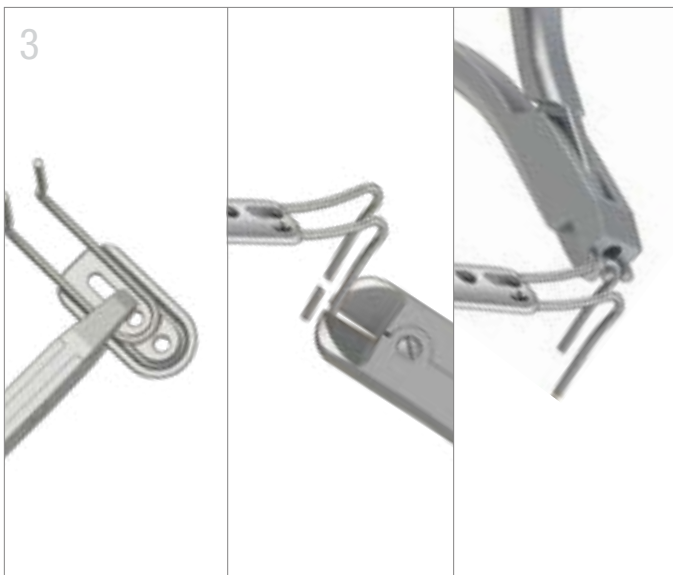
### Volar Rim Exposure

- Using a standard volar approach, expose the volar rim up to 1-2mm beyond the distal radial ridge.
- Reflect the distal attachment of the pronator quadratus.
- Avoid detachment of the volar wrist capsule by excessive distal exposure.



### Implant Positioning

- Use a 10° lateral X-ray to identify the central axis of the volar rim.
- At the apex of the volar rim, direct a 1.1mm (0.045") K-wire down through the center of the fragment.
- Insert a second K-wire parallel to the first, separated by approximately 10mm. Confirm with X-ray.



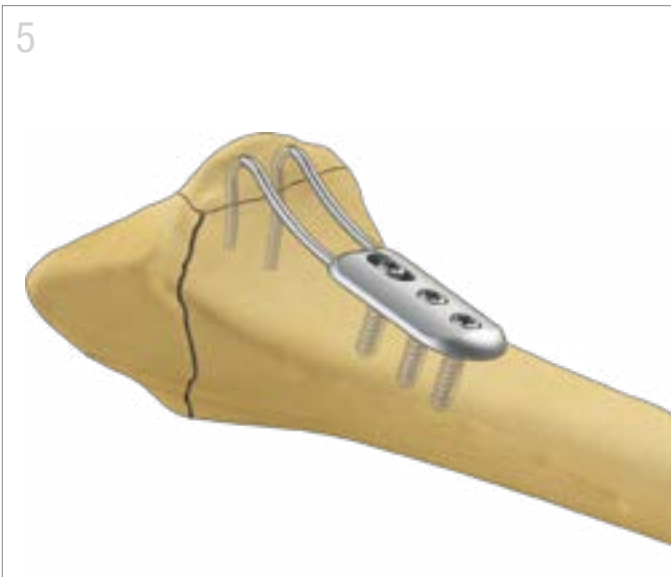
### Implant Preparation

- Using a Pin Clamp, snap the Volar Buttress Pin onto the Wireform Plate.
- Cut legs of the Volar Buttress Pin to desired length, leaving one leg slightly longer.
- If needed, alter the angle of legs using the Wire Bender.



### Implant Insertion

- At the apex of the bend, snap a Pin Clamp onto the longest leg making sure it is axially aligned with the leg.
- Withdraw the K-wire corresponding to the longest leg and immediately insert.
- Switch Pin Clamp to shorter leg and repeat.
- Complete seating of each leg using the Impactor.



### Final Fixation

- Align the Volar Buttress Pin to the proximal shaft.
- Use the 1.8mm (blue) drill and 2.3mm cortical screws to fix the implant proximally.
- Confirm implant is seated and secure.

### Alternative Fixation with Multiple Washers

- For lowest profile, a standard washer can be used instead of a Wireform™ Plate.
- Overlay washer and seat screw until washer flexes to ensure fixation of Wire Form.
- A blocking screw/washer may be placed in a longitudinal orientation across the proximal loop for additional implant support.

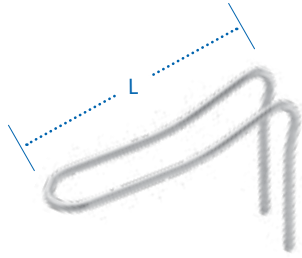


All implants made from surgical grade stainless steel

**Volar Buttress Pin™**

VBP32 32mm  
VBP42 42mm

L = length



**Wire Bender**

BNDWIR-1.1



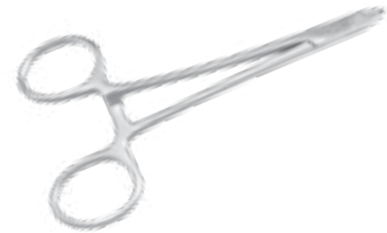
**Washer and Wire Plate**

WASHR 1 Hole  
WFP3 3 Hole  
WFP5 5 Hole



**Pin Clamp**

PINCLAMP

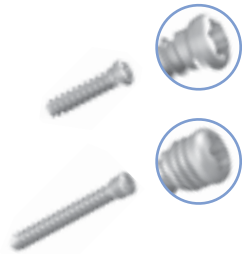


**Screws and Pegs**

TRX2.3-xx  
10mm to 32mm

TPEG-xx  
10mm & 12mm\*  
14mm to 32mm

\* Special Order



**Impactor**

IMPCT



**X-RAYS**



Pre-Op



Pre-Op



Post-Op



Post-Op



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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 reference IFU on [trimedortho.com/ifu](http://trimedortho.com/ifu).

See [trimedortho.com/patents](http://trimedortho.com/patents) for all patent information.