Dorsal Buttress Pin™
Surgical Technique | TriMed Wrist Fixation System™
Exposure (limited dorsal approach)

- Make incision over 4th dorsal compartment tendons.
- Develop interval between 3rd and 4th, or 4th and 5th compartments.
- Transpose EPL if needed.
- Expose the dorsal cortex of the distal radius.

Implant Positioning

- Insert two parallel 1.1mm (0.045”) K-wires at the location of desired distal fixation.
- The direction and angle of the K-wires will determine the direction and angle of the Dorsal Buttress Pin™ legs.

Implant Preparation

- Using a Pin Clamp, snap the Dorsal Buttress Pin™ into one of two positions on the Wireform Plate.
- Cut legs of the Dorsal Buttress Pin™ to desired length, leaving one leg slightly longer.
- If needed, alter the width or 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 Dorsal 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.
- 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.

**TIPS**

- Dorsal Buttress Pin™ can also be used to directly buttress a free intra-articular ("die punch") fragment.
Dorsal Buttress Pin™
BP27  27mm
BP32  32mm
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
14mm to 32mm

Impactor
IMPCT

All implants made from surgical grade stainless steel

Pre-Op
Pre-Op
Post-Op
Post-Op