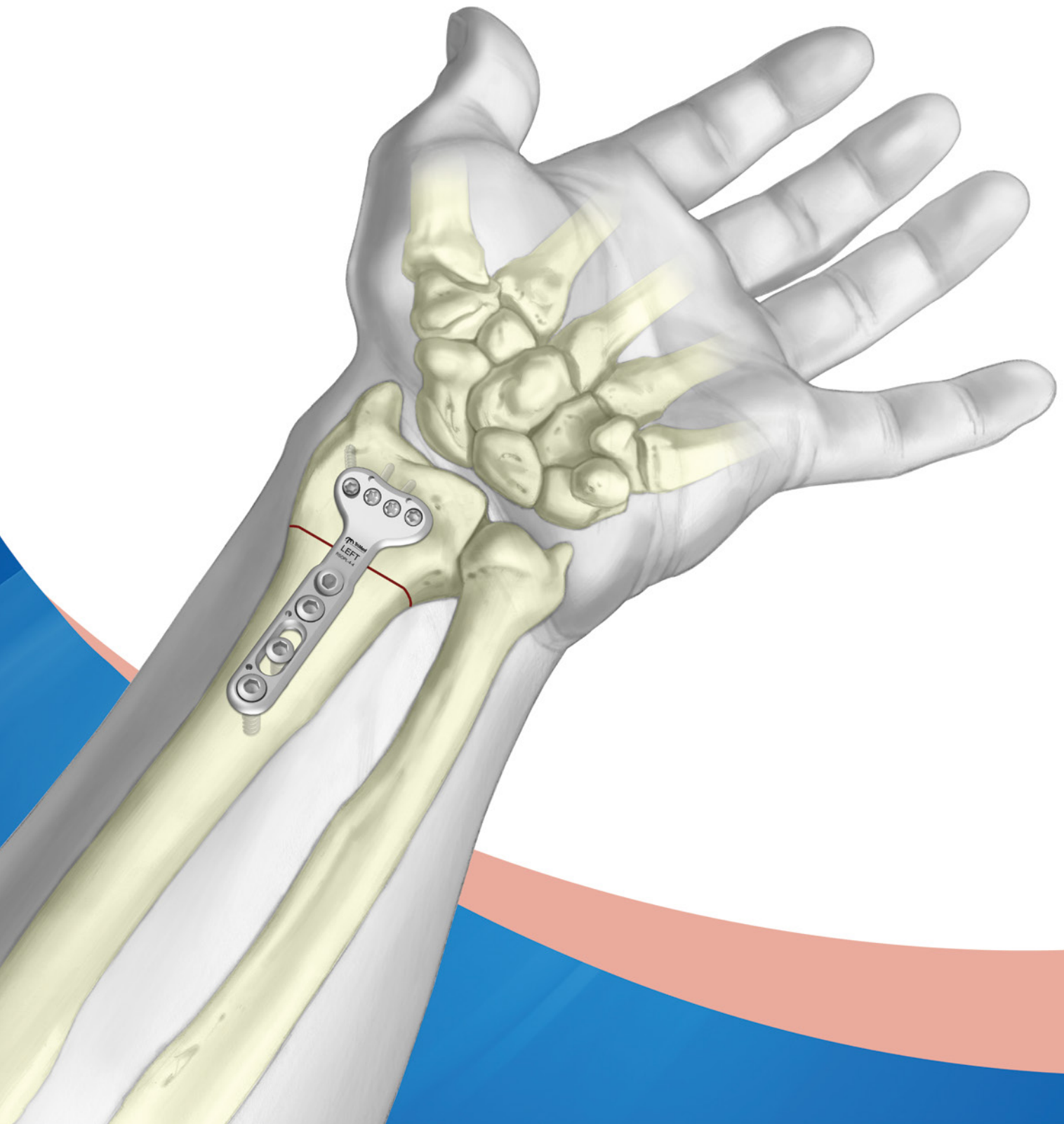
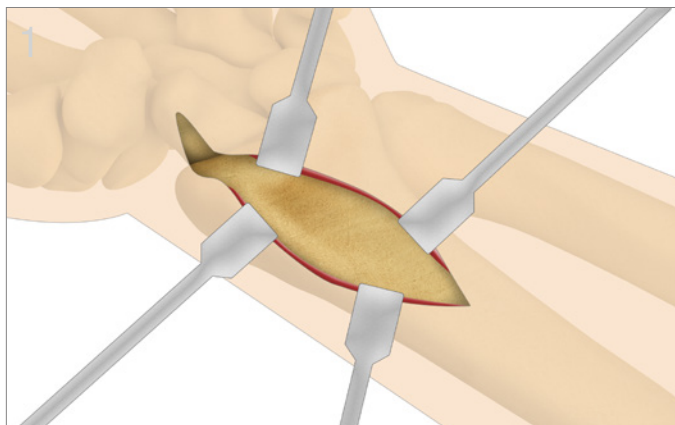




Radial Osteotomy Plate™

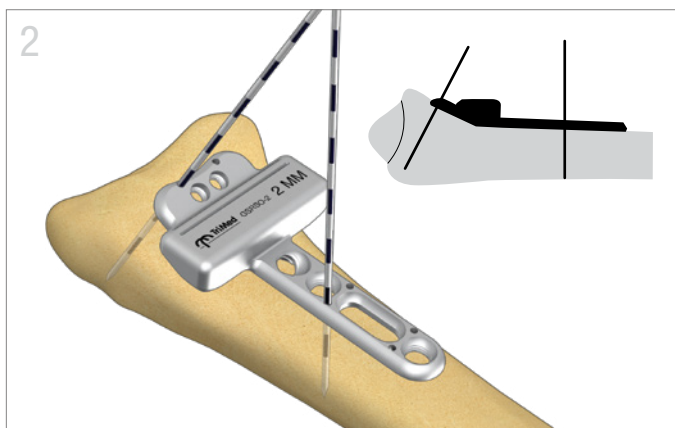
Surgical Technique | *TriMed Radial Osteotomy System*





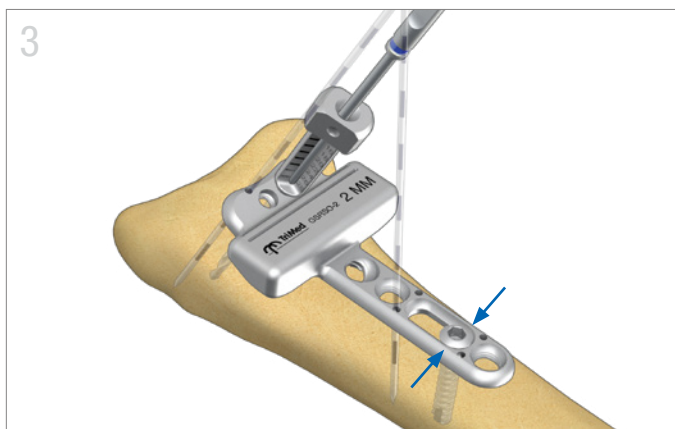
Exposure

- Through the distal limb of a modified Henry volar approach, continue the dissection between the FCR and the radial artery.
- Expose the radial shaft by reflecting the pronator quadratus from its radial and distal insertions.



Position Saw Guide

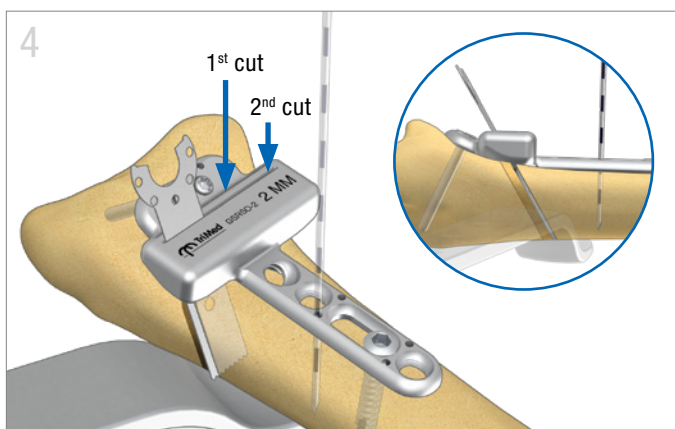
- Select the appropriate saw guide based on the planned resection (2mm or 3mm) and apply it to the radius, centered on the shaft.
- Secure with 1.1mm (0.045") K-wires distally and proximally. Check position on a lateral X-ray. Adjust as needed.



Secure Saw Guide

- Drill a hole at the proximal end of the slotted hole using the 2.3mm (red) drill bit. Measure and insert 3.2mm cortical screw.
- Screw Peg Guide into a distal screw hole. Drill using the 1.8mm (blue) drill bit. Measure and insert smooth peg. Repeat on second distal hole. Remove distal K-wires.

Tip: Quick Guide 1.8 (blue) or Mini Guides can be used to drill holes for pegs



Perform Osteotomy

- Use retractors to protect the soft tissues on the far cortex.
- Make a cut through the distal slot with a saw blade of 0.4mm thickness. Irrigate liberally with each cut.
- Make a second cut through the proximal slot in the guide. Remove proximal K-wires.
- Remove proximal 3.2mm screw and slide the guide off the bone before removing the bone wafer.

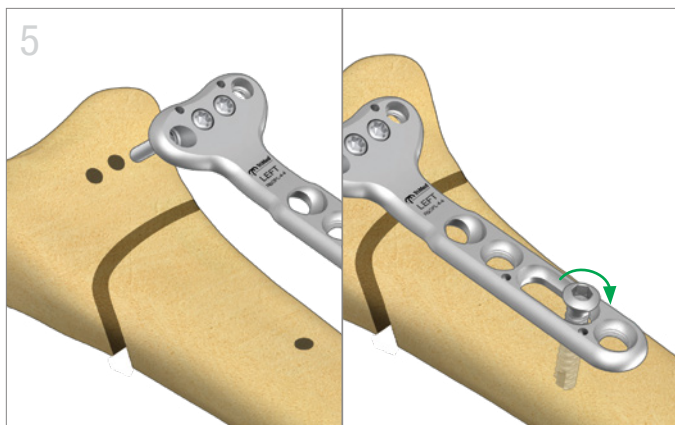
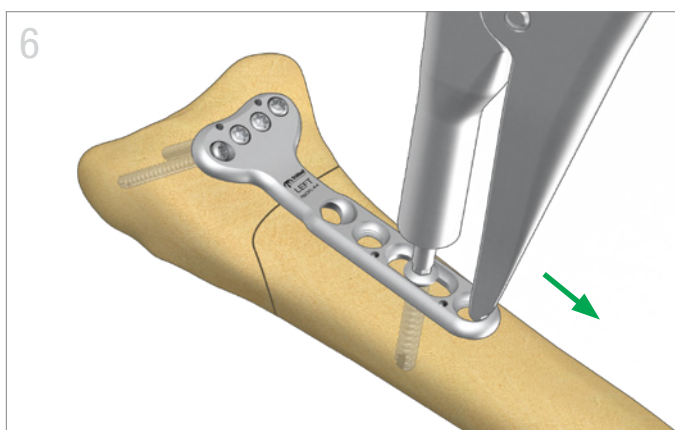


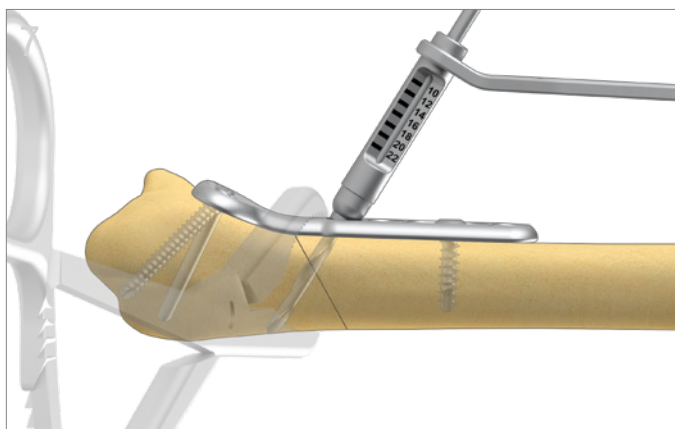
Plate Application

- Secure the two smooth pegs of appropriate length into the two center peg holes of the plate.
- Slide smooth pegs into pre-drilled distal holes to position plate.
- Reinsert the 3.2mm cortical screw in the proximal end of the slotted hole.
- Complete fixation distally using **only** threaded locking pegs.



Compression of Osteotomy

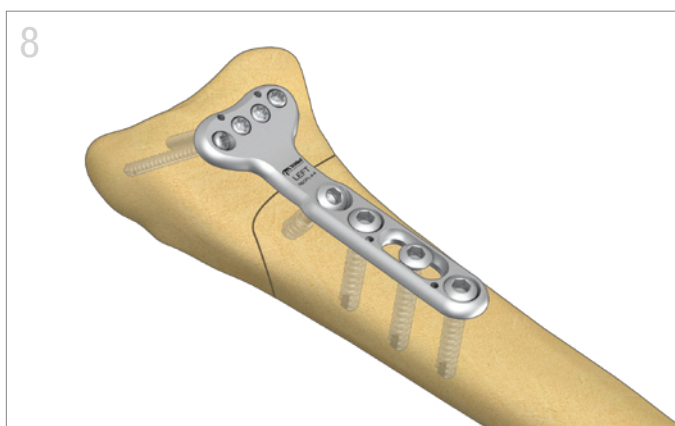
- Place the driver tip of the Expander/Compression Tool into the head of the proximal 3.2mm screw.
- Insert jaw into the adjacent proximal screw hole.
- Loosen screw head ¼ turn and gently squeeze handle to compress osteotomy. Re-tighten the screw.



Placement of Lag Screw

- Clamp osteotomy site using the bone clamp.
- Position the 2.3 (red) Quick Guide in the oblique hole. Use the 2.3mm (red) drill bit to drill for the lag screw. Measure and insert screw.

Note: Ensure thread purchase on far cortex without penetrating dorsal surface.



Final Fixation






- Complete fixation with additional screws proximally.



Indications, contraindications, warnings and precautions related to TriMed Radial Osteotomy System reference IFU on trimedortho.com/ifu

All implants made from surgical grade stainless steel

Screws Table

	 Smooth Peg, 1.8mm	 Threaded Peg, 2.3mm	 Cortical Screw, 3.2mm	 Cortical Locking Screw, 3.2mm	 Cortical Lag Screw, 3.2mm
	SPEG1.8-XX	TPEG-XX	HEX3.2-XX	LHEX3.2-XX	LAG3.2-XX
Length	14-22mm*		08-20mm*	10-18mm*	14-24mm*
Drill	● 1.8mm		● 2.3mm		
Guide	GUIDEPEG-1.8		GUIDEQ-2.3		
Driver	Torx 8		2.5mm Hex		

* 2mm increments

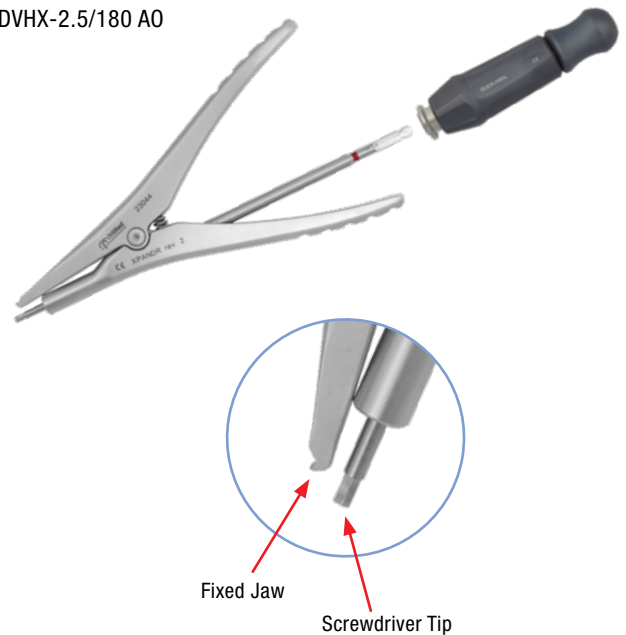
Radial Osteotomy Plate™

RSOPL-4-4 *left*
RSOPR-4-4 *right*



Expander / Compression Tool

XPANDR
DVHX-2.5/180 AO



Radial Osteotomy Guide

GSRSO-2 *2mm cut*
GSRSO-3 *3mm cut*



Saw Blade

OSB-9x
0.4mm thickness



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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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