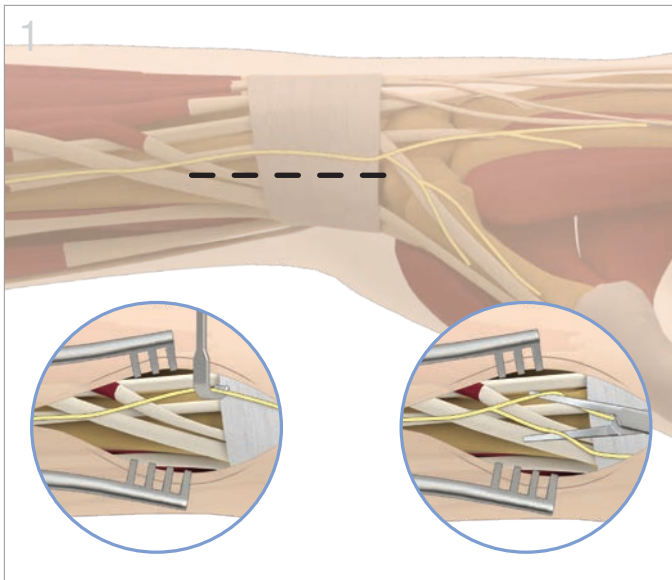


Radial Peg Plate™

••• Wrist 3

SURGICAL TECHNIQUE



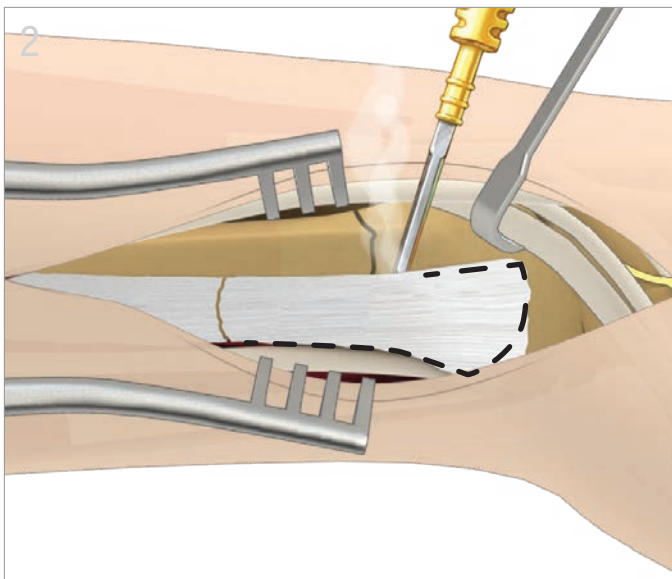
Exposure

- Make a linear skin incision along the mid axis of the forearm at the level of the wrist on the radial side. Alternatively, use a volar or dorsal incision and reflect a subcutaneous flap for exposure.

- Mobilize the SBRN depending on the observed pattern

Type I: Single branch retracted gently palmarly or dorsally.

Type II: Gentle separation prior to palmar or dorsal retraction.



Tendon Release

- Retract the APL and EPB tendons dorsally or volarly or both while protecting the radial artery.
- Sharply release the brachioradialis from its insertion and continue subperiosteal dissection proximally to expose the radial shaft.

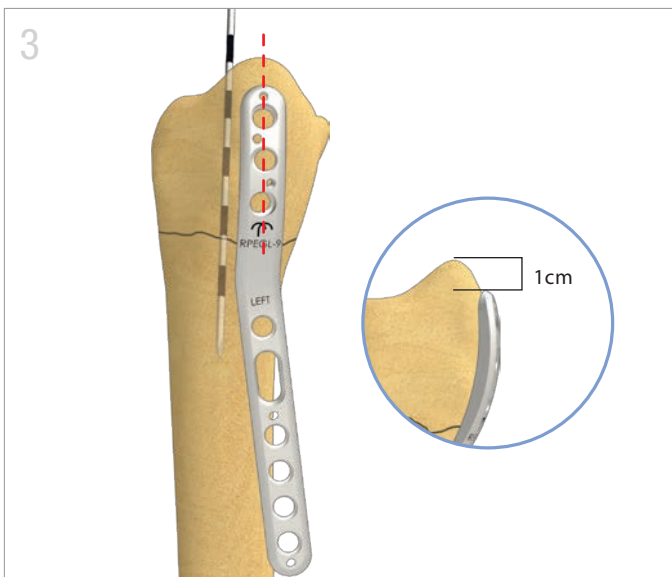


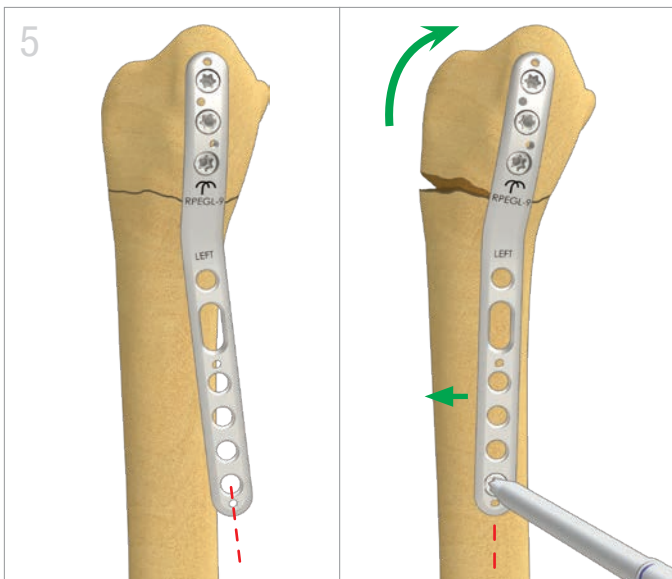
Plate Placement

- Reduce the fracture and insert a 1.1mm (0.045") transtyloid wire away from the placement of the Radial Peg Plate™.
- Apply plate in the mid-line axis of the distal portion about 1cm from the tip of the styloid.



Distal Fixation

- Use distal K-wires to ensure extra-articular peg placement.
- Use 1.8mm (blue) drill bit to drill unicortically. Thread Locking Peg Guide labelled “FIXED” into a distal peg hole.
- Measure depth and insert distal locking peg. Repeat procedure for the other 2 distal holes.



Proximal Fixation

- Lift the proximal end of the plate to the midline axis of the shaft to restore the normal palmar tilt of the articular surface.
- Use 1.8mm (blue) drill bit to drill bicortically or unicortically.
- Measure depth and insert distal locking peg. Repeat procedure for the proximal holes.



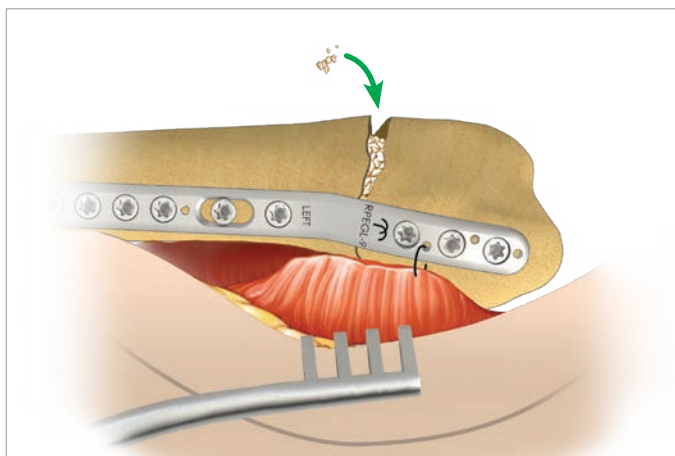
Final Fixation

- Confirm that all screws and pegs are fully seated prior to closing incision.

Note: Radial peg plate is designed to restore natural radial inclination & volar tilt.

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




TIPS & PEARLS



PQ Muscle Reattachment

- Pronator Quadratus muscle can be reattached to the volar side of the radius using one or two of the empty screw or K-wire holes on the plate.
- Bone graft can be added if there is a large dorsal gap.

Screw Table

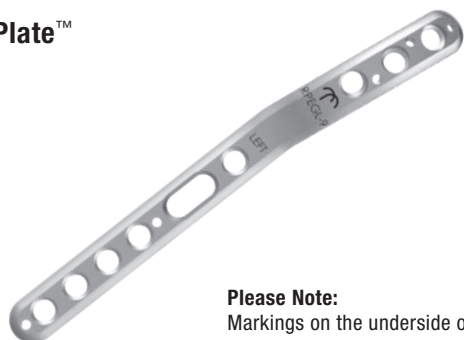
	 Unthreaded Peg, 2.4mm	 Threaded Peg 2.4mm	 Cortical Screw, 2.4mm
	UPEG2.4-XX	TPEG2.4-XX	TRX2.4-XX
Length	10-28mm *	10-32mm *	10-32mm *
Drill	● 1.8mm		
Guide	GUIDELF-1.8 GDMINI-1.8		GUIDE-1.8/2.4
Driver	Torx 8		

* 2mm increments ** 1mm increments

Radial Peg Plate™

RPEGL-7
RPEGL-9

RPEGR-7
RPEGR-9



Please Note:
Markings on the underside of plate
are unique to Wrist 3 Plates *only*.

Locking Peg Guide

GUIDELF-1.8



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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.