

Short SureLock™

All-Suture Anchor System

Surgical Technique Guide

Repair of the Ulnar Collateral Ligament (UCL) of the Thumb Metacarpophalangeal (MCP) Joint

Short SureLock™, with its unique inserter-controlled deployment and quick release sutures with attached needles offers unparalleled simplicity, reproducibility, and confidence in fixation.



Short SureLock™
All-Suture Anchor 1.4mm

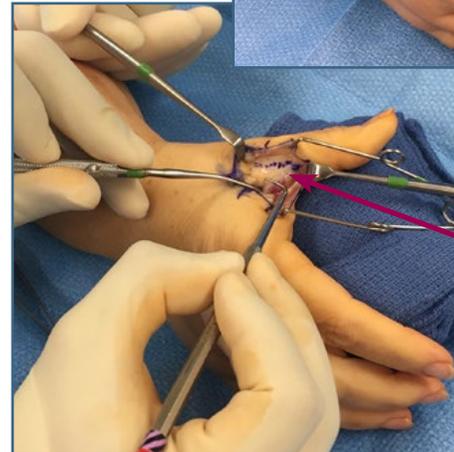


Ligament Exposure

1 Make a curvilinear “S” shaped incision extending approximately 3–4 centimeters centered over the ulnar side of the metacarpophalangeal (MCP) joint.



2 Mobilize and retract dorsal sensory nerve branches. Incise and retract adductor aponeurosis.

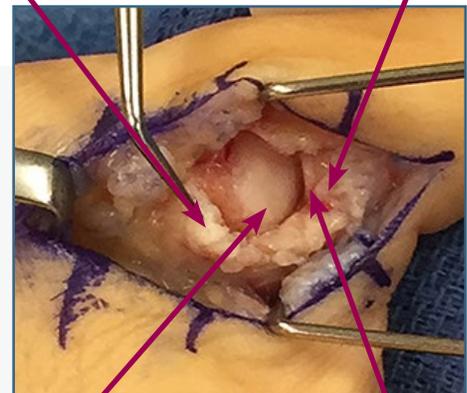


Adductor aponeurosis

3 As the UCL typically avulses from the base of the proximal phalanx, establish the anatomic reattachment point at the base of the proximal phalanx.

Avulsed ulnar collateral ligament

Anatomic reattachment point



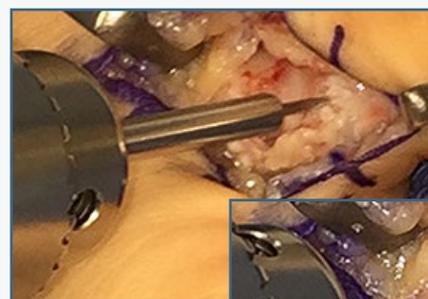
Metacarpal head

Proximal phalanx

4 Utilizing the included 1.4 x 9mm drill, establish a drilling trajectory that allows for full seating of the drill's shoulder against bone. The established trajectory should be as perpendicular to the insertion point as possible without passing through the opposing cortex.

Drill down to the shoulder maintaining alignment.

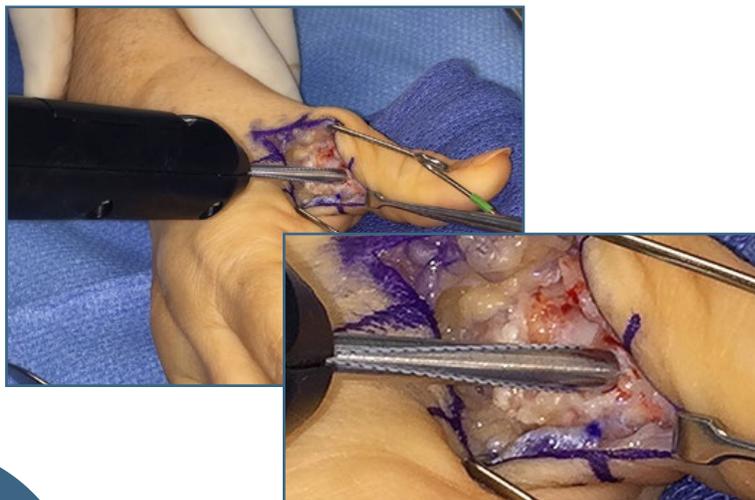
Note: Ensure all soft tissue is removed for direct bone contact, but do not decorticate bone surface.



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- 5 Lightly mallet anchor into pilot hole until the inserter's shoulder contacts bone.

Note: Align the inserter shaft to the same trajectory as the drill hole.



- 6 While maintaining alignment, turn the knob until hard stop.

Note: Listen for pin release.



- 7 Pull back the inserter and the suture limbs with attached needles will automatically release from the handle.

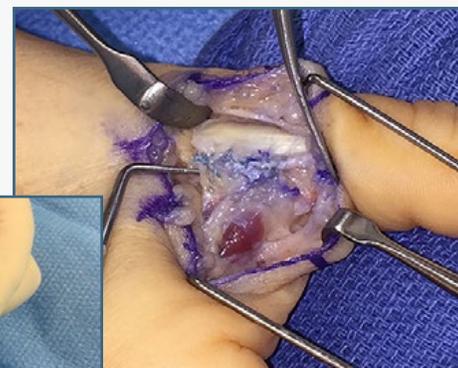


- 8 Using the attached needles, re-attach the UCL utilizing a horizontal mattress suturing technique.

Note: 1 or 2 anchors may be used per repair.



- 9 Reinforce and unload stress from the repair by incorporating the volar plate, dorsal extensor hood, and capsule.



- 10 Repair the adductor aponeurosis and close per surgeon preference.





Short SureLock™ Indications

The Short SureLock™ All-Suture Anchor System is intended to be used for the reattachment of soft tissue to bone for the following indications:

Hand and Wrist

- Ulnar or Lateral Collateral Ligament Reconstruction
- Repair or Reconstruction of Collateral Ligaments
- Flexor and Extensor Tendon at the PIP, DIP, and MCP Joints for All Digits
- Scapholunate Ligament Reconstruction

Foot

- Hallux Valgus Reconstruction
- Mid-foot Reconstruction

Short SureLock™ All-Suture Anchor System	
CM-961400	1.4mm Pre-loaded Implant with (1) Size 0 UHMWPE Suture with Needles, and 1.4mm Drill
CM-961420	1.4mm Pre-loaded Implant with (1) Size 2-0 UHMWPE Suture with Needles, and 1.4mm Drill
CM-9600	Drill Guide - Reusable (Optional)

☾ Surgical technique described by Manish V. Patel, M.D., Austin, TX

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Contact Cayenne Medical for order information