

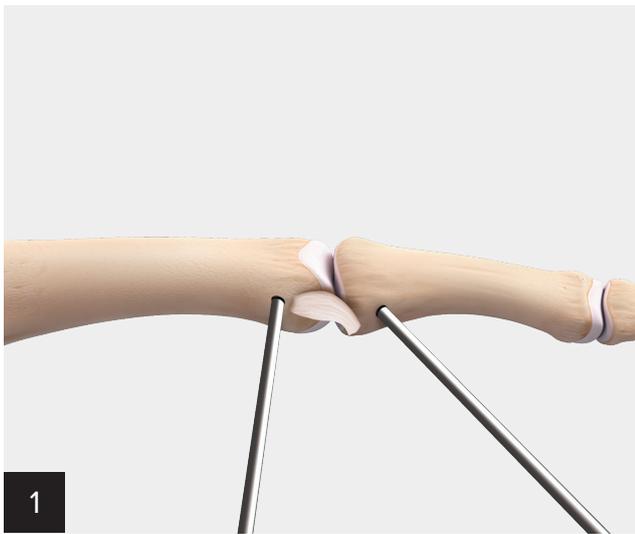
Collateral Ligament Repair With *Internal/Brace*[™] Ligament Augmentation

Repair and Reconstruction Surgical Techniques

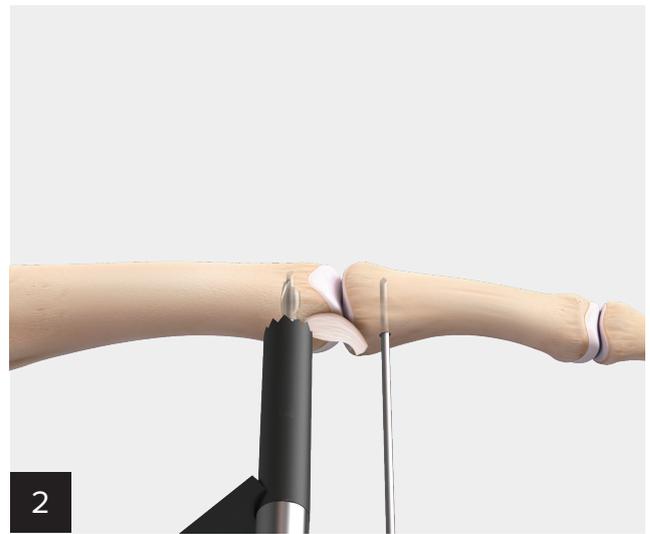


Arthrex[®] 

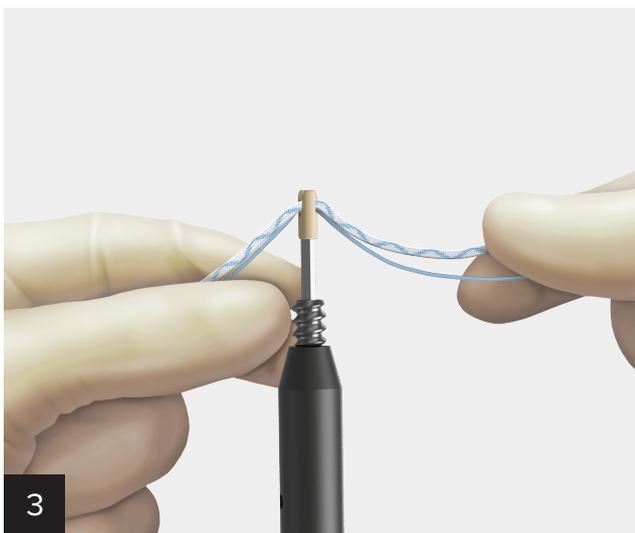
Collateral Ligament Repair With *Internal/Brace*™ Ligament Augmentation and 2.5 mm × 7 mm SwiveLock® Anchors



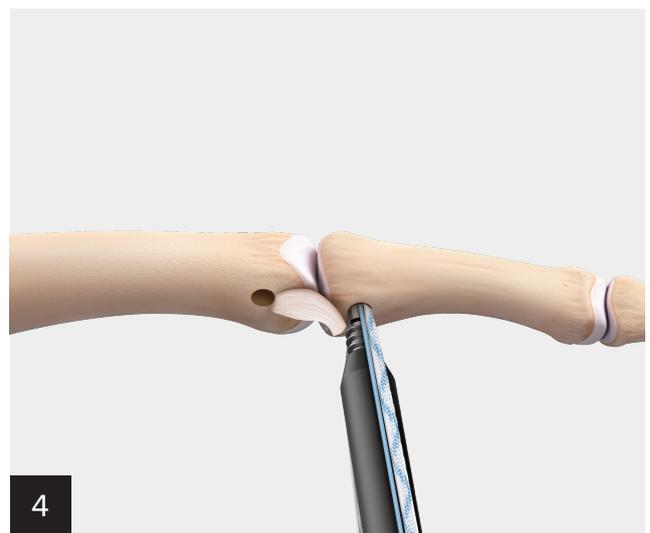
At approximately 1 cm distal to the joint, place the guidewire unicortically and up to the laser line at the middle phalanx base, palmar to midline. Place a second guidewire up to the laser line at the proximal phalanx head, dorsal to midline.



Depending on bone quality, overdrill the middle and proximal phalanges guidewires with either the 2.0 mm (soft bone) or 2.2 mm (hard bone) drill and the accompanying drill guide.

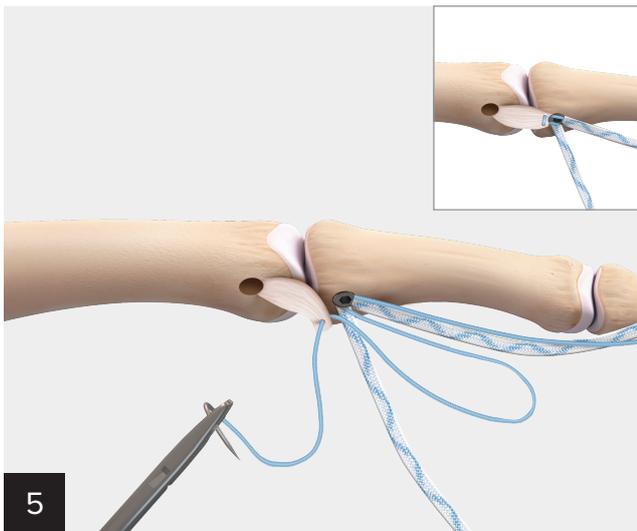


Load a 3-0 or 4-0 FiberWire® suture and a SutureTape onto the forked eyelet of the 2.5 mm Nano SwiveLock anchor.

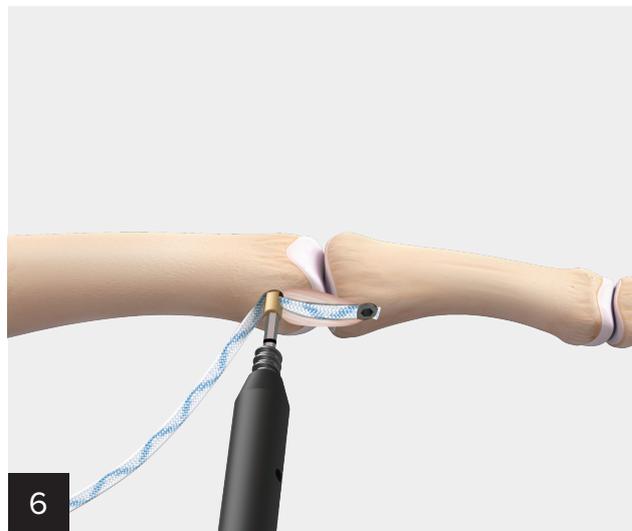


Insert the loaded Nano SwiveLock anchor into the drill hole in the middle phalanx.

The *Internal/Brace* surgical technique is intended only to augment the primary repair/reconstruction by expanding the area of tissue approximation during the healing period and is not intended as a replacement for the native ligament. The *Internal/Brace* technique is for use during soft tissue-to-bone fixation procedures and is not cleared for bone-to-bone fixation.



Tag stitch the collateral ligament with the FiberWire® suture and tie down to perform the direct repair.



Capture the SutureTape with a second SwiveLock® anchor and insert it into the drill hole at the proximal phalanx head. To avoid overtensioning the SutureTape, place the second SwiveLock anchor with the joint held in 20° of flexion.



Cut the remaining SutureTape and FiberWire sutures flush to finish the knotless *Internal/Brace* ligament augmentation repair.

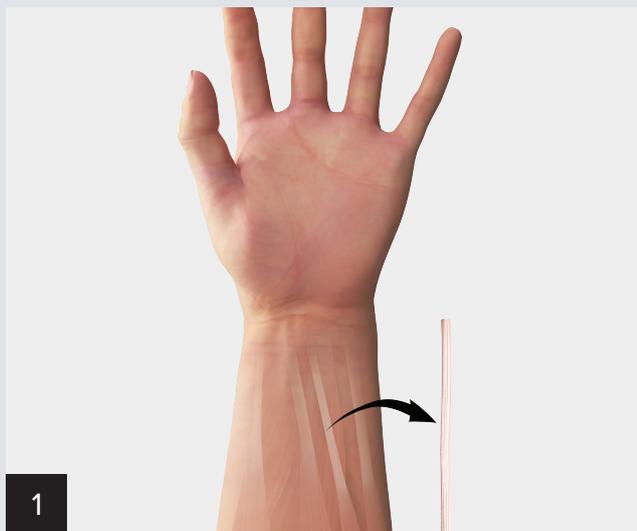
Ordering Information

Product Description	Item Number
SwiveLock® Anchor, 2.5 mm × 7 mm	AR-8998T
Disposable Kit, Nano SwiveLock, 2.5 mm × 7 mm	AR-8998DS
2.0 mm Drill (soft bone) 2.2 mm Drill (hard bone) Guidewires Tendon Passer	
Suture Options (Surgeon-Dependent)	
SutureTape, 1.3 mm	AR-7500
3-0 FiberWire® Suture, 18 in (blue) With Tapered Needle, 15 mm 3/8 circle	AR-7227-01

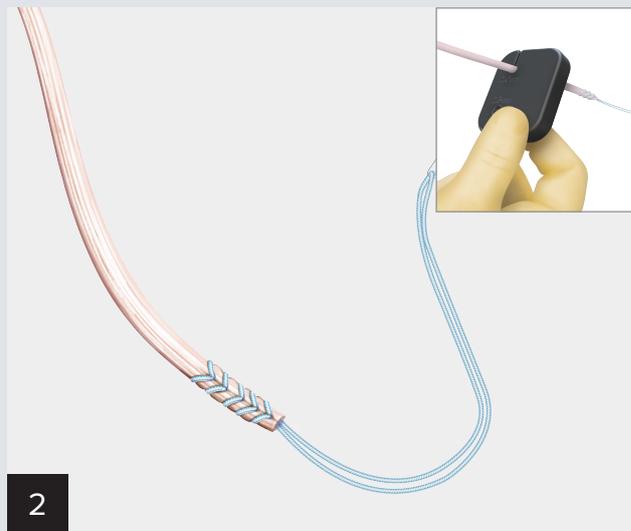
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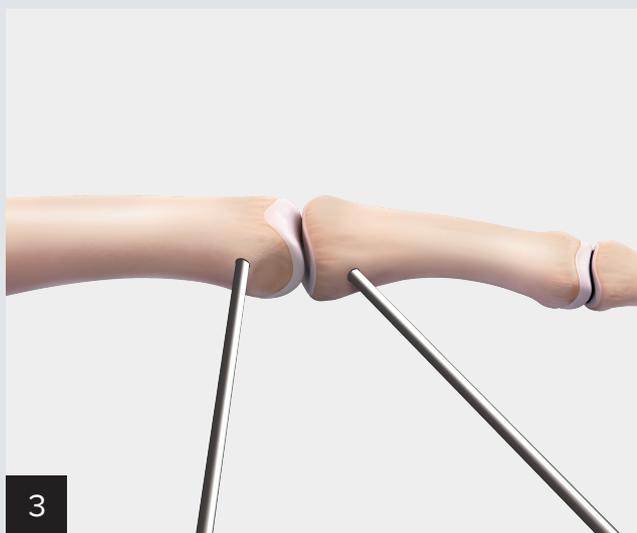
Collateral Ligament Reconstruction With *InternalBrace*™ Ligament Augmentation and 2.5 mm × 6 mm Tenodesis Screws



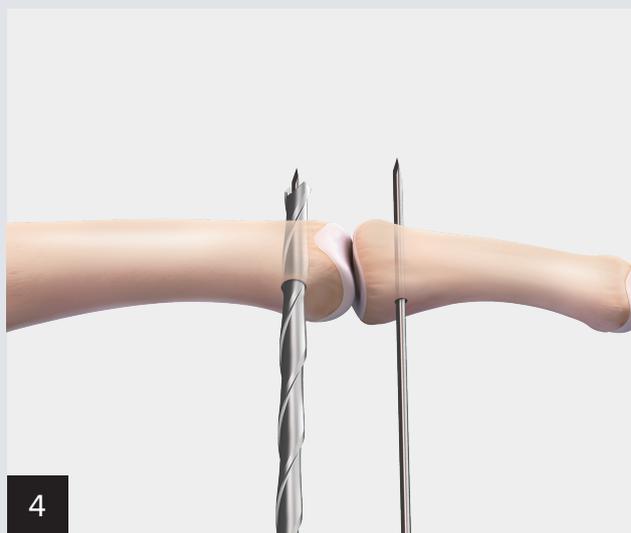
Harvest a 2.0 mm to 2.5 mm slip of the palmaris tendon. The tendon should be at least 6 cm in length.



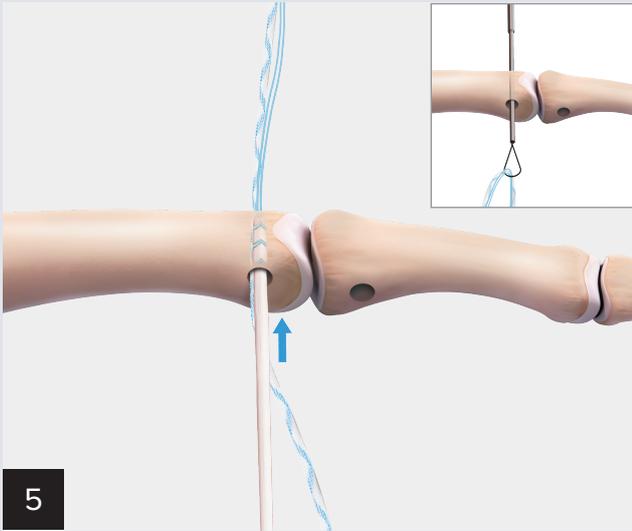
Check tendon width with the provided tendon sizer. Whipstitch both ends of the tendon with FiberLoop® sutures to ease passage through the drill holes.



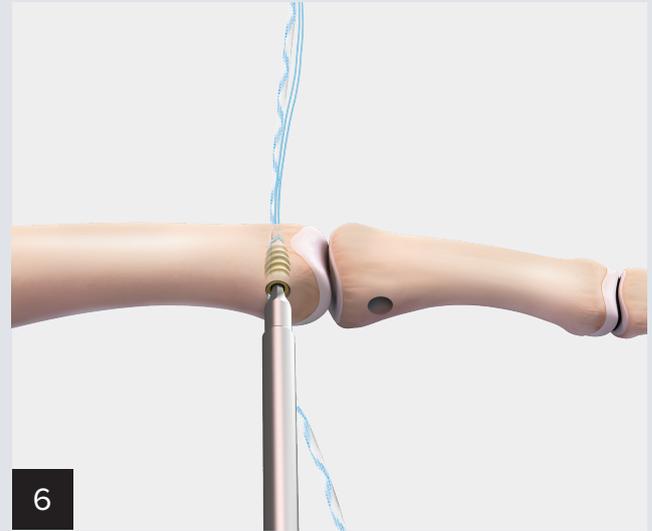
At approximately 1 cm distal to the joint, place the guidewire bicortically at the middle phalanx base, palmar to midline. Place a second guidewire bicortically at the proximal phalanx head, dorsal to midline.



Depending on bone quality, overdrill the middle and proximal phalanges guidewires with either the 2.5 mm (soft bone) or 2.7 mm (hard bone) drill. The drill holes are bicortical.



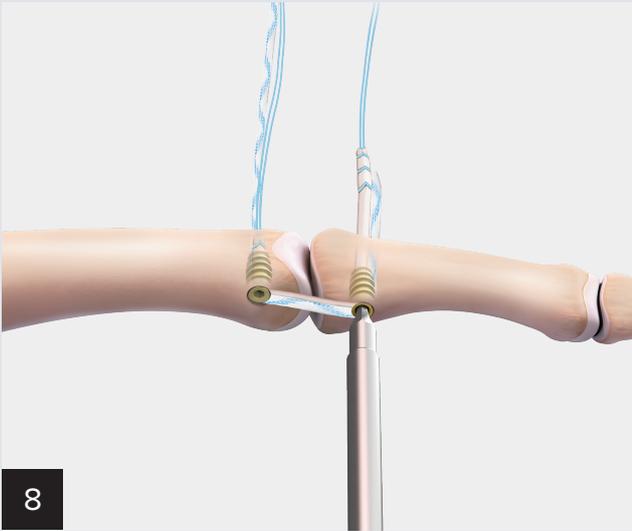
5 Pass the tendon graft and SutureTape through the proximal phalanx drill hole with the nitinol loop provided.



6 While holding the tendon and SutureTape in place, insert and secure the construct with the 2.5 mm Nano Tenodesis screw.



7 Place the suture passer bicortically through the middle phalanx hole such that the nitinol loop is on the side of the reconstruction. Bring the SutureTape and graft through the end of the nitinol loop on the suture passer and pass through the hole in the middle phalanx.



While holding tension on the graft and SutureTape, insert a second 2.5 mm Tenodesis screw to secure the construct. Have an assistant hold the PIP joint in 20° of flexion, without rotation and neutral in the anterior-posterior plane.



Cut any remaining SutureTape and graft to complete the knotless ligament reconstruction.

Ordering Information

Product Description	Item Number
Tenodesis Screw, 2.5 mm × 6 mm, PEEK	AR-1525PS
Disposable Kit, Tenodesis Screw, 2.5 mm × 6 mm	AR-1525DS
2.5 mm Drill (soft bone) 2.7 mm Drill (hard bone) Tendon Sizer, 2.0/2.5 mm Guidewires Tendon Passer	
Suture Options (Surgeon-Dependent)	
SutureTape, 1.3 mm	AR-7500
2-0 FiberLoop® Suture With Tapered Needle	AR-7232-05

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