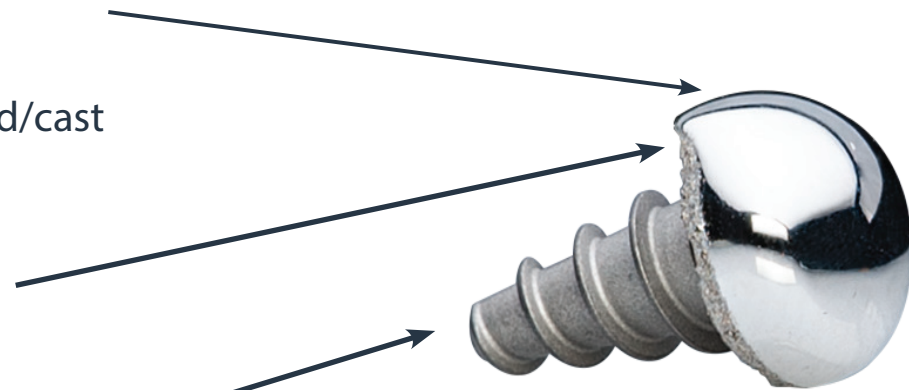


Wrist & Thumb Product Portfolio

WristMotion Technical Information

- Cobalt Chrome Component
 - Machined NOT Forged or Cast
 - 3x stronger & thinner than forged/cast implants
- Plasma Spray Titanium undersurface for bone fixation
- Bead Blasted Titanium Fixation Component
- Articular Metal Surface & Fixation Component connect via a Morse Taper



WristMotion Reference Articles

- Watson HK, Ballet FL. The SLAC wrist: Scapholunate advanced collapse pattern of degenerative arthritis. J Hand Surg [Am]. 1984 May. 9(3):358-65.
- Tischler BT, Diaz LE, Murakami AM, Roemer FW, Goud AR, Arndt WF 3rd, Guermazi A. Scapholunate advanced collapse: a pictorial review. Insights Imaging. 2014 Aug;5(4):407-17.
- Culp RW, Williams CS. Proximal row carpectomy for the treatment of scaphoid nonunion. Hand Clin. 2001 Nov;17(4):663-9, x.
- Berkhout MJ, Bachour Y, Zheng KH, Mullender MG, Strackee SD, Ritt MJ. Four-Corner Arthrodesis Versus Proximal Row Carpectomy: A Retrospective Study With a Mean Follow-Up of 17 Years. J Hand Surg Am. 2015 Jul;40(7):1349-54.
- Saltzman BM, Frank JM, Slikker W, Fernandez JJ, Cohen MS, Wysocki RW. Clinical outcomes of proximal row carpectomy versus four-corner arthrodesis for post-traumatic wrist arthropathy: a systematic review. J Hand Surg Eur Vol. 2015 Jun;40(5):450-7.
- Lenoir H, Toffoli A, Coulet B, Lazerges C, Waitzenegger T, Chammas M. Radiocapitate congruency as a predictive factor for the results of proximal row carpectomy. J Hand Surg Am. 2015 Jun;40(6):1088-94.
- Holm-Glad T., et al. High Re-operation and complication rates 11 years after arthrodesis of the wrist for non-inflammatory arthritis. The Bone & Joint Journal Vol. 101-B, No. 7. 30 Jun 2019.



WristMotion Reference Surgeons

Dr. Randall Culp: Philadelphia, PA

Dr. Peter Weiss: Providence, RI

Dr. William Geissler: Jackson, MS

Dr. David Ruch: Durham, NC

Dr. Brent Bamberger: Dayton, OH

Dr. Amy Ladd: Stanford, CA

Dr. In Sok Yi: Denver, CO

Dr. Ky Kobayashi: Colorado Springs, CO

Dr. Joseph Sherrill: Birmingham, AL



WristMotion Features & Benefits

Preserves motion by recreating the native anatomy of the Lunate Fossa



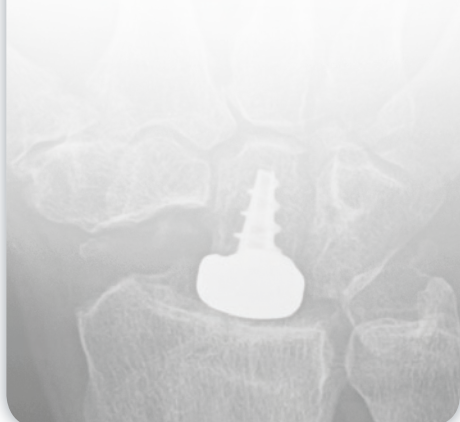
Used in conjunction with a PRC, it expands the patient population



6 Implant Sizes & Curvatures with ultra smooth surfaces for improved range of motion



Inlay Implants maximize stability and preserve native anatomy



Provides protection from accelerated wear of the non-congruent capitate

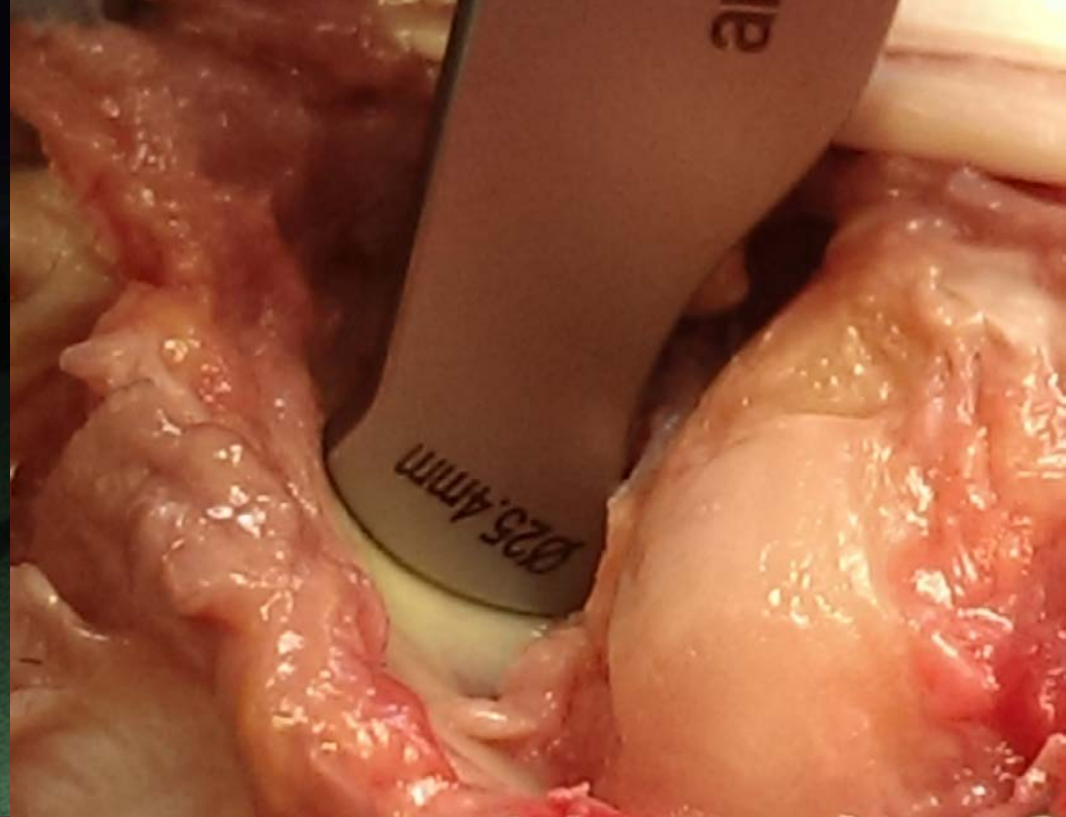
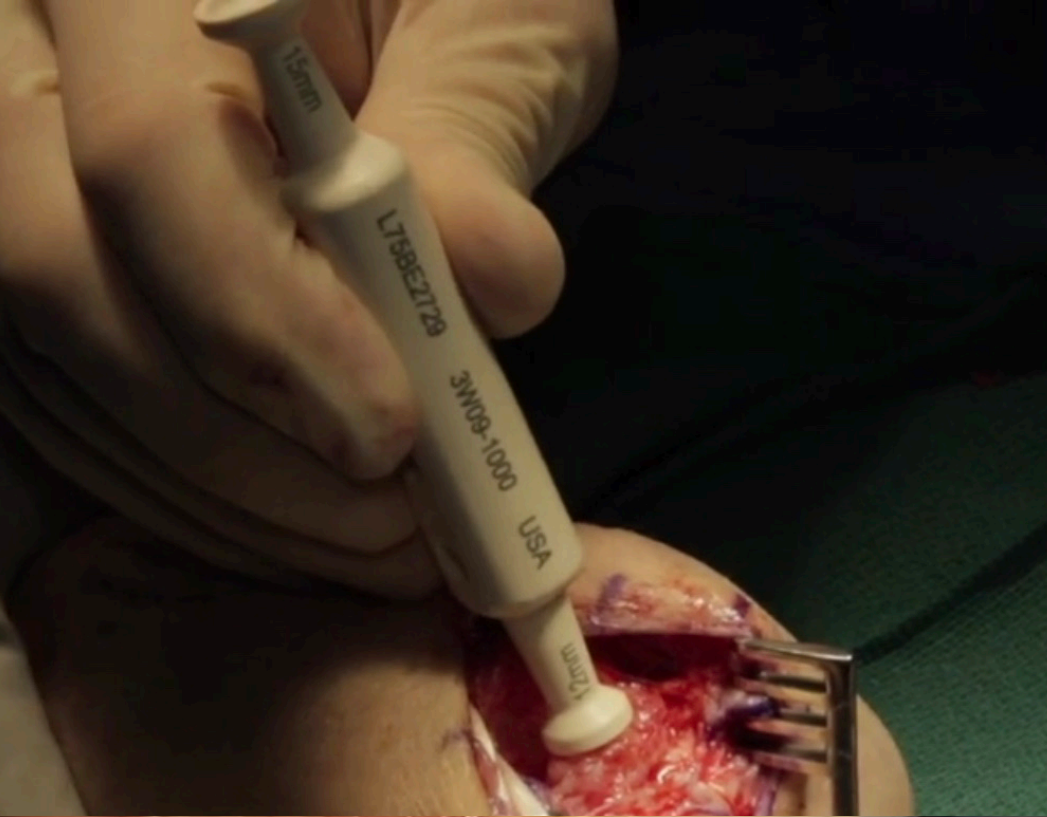


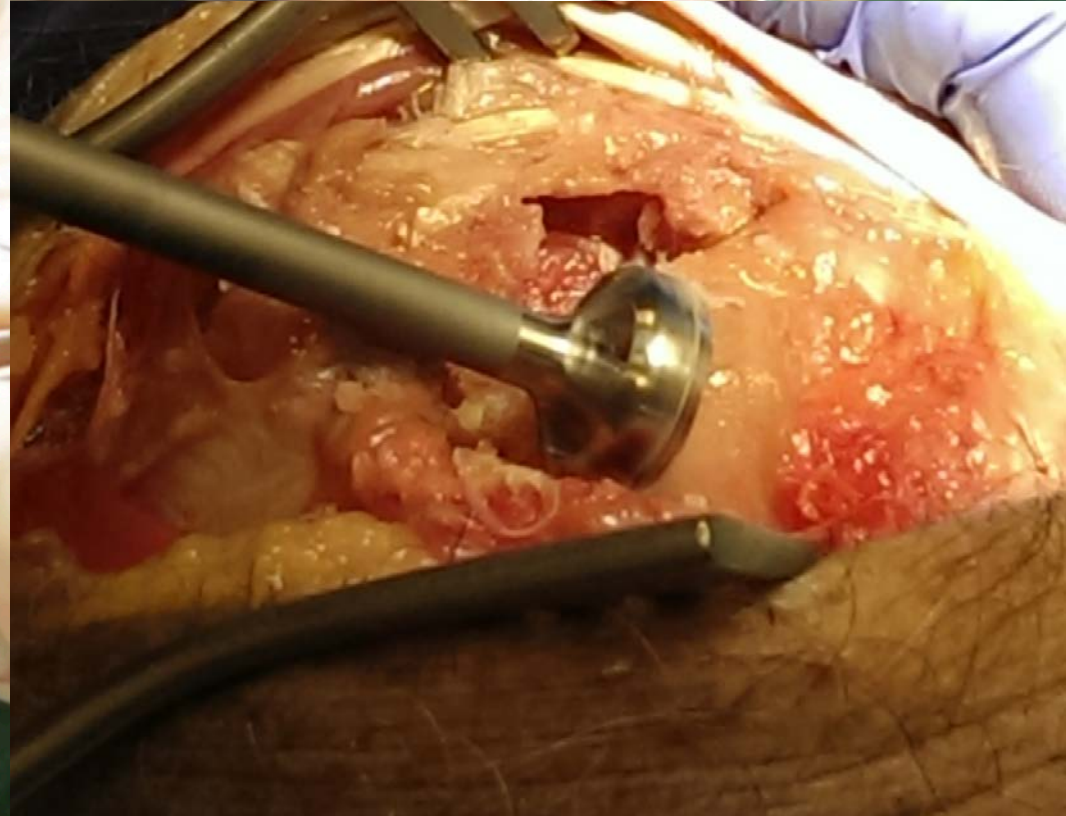
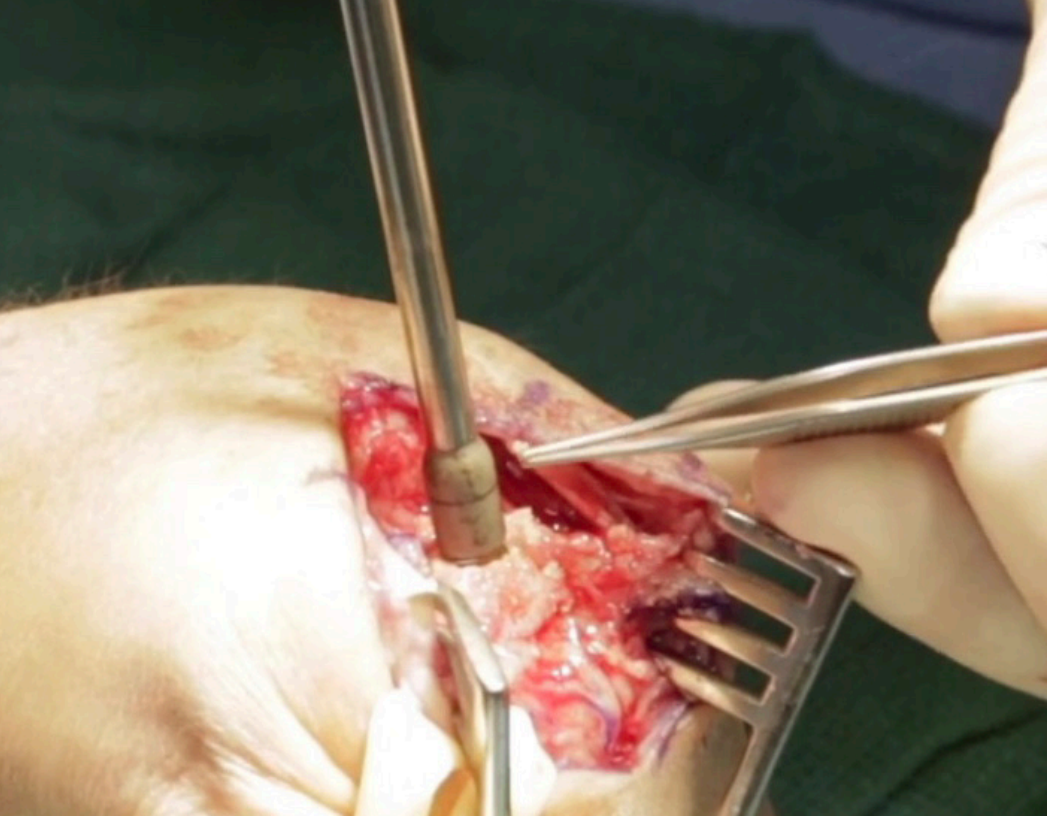
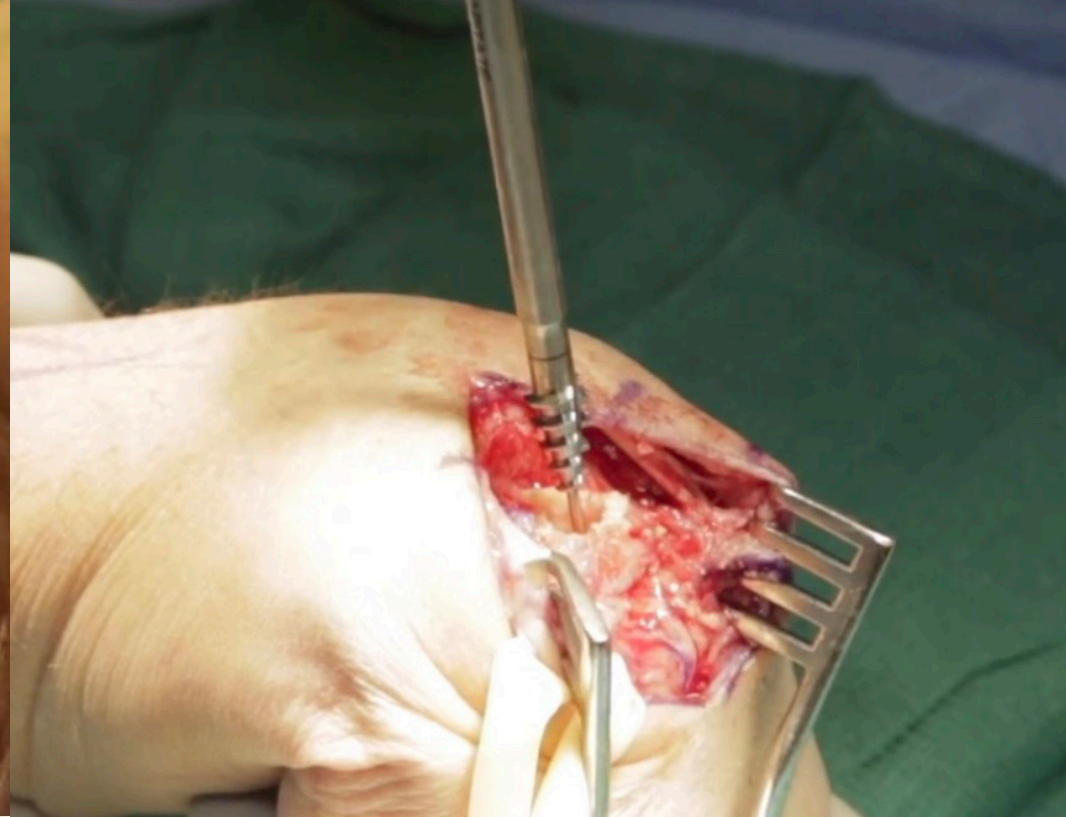
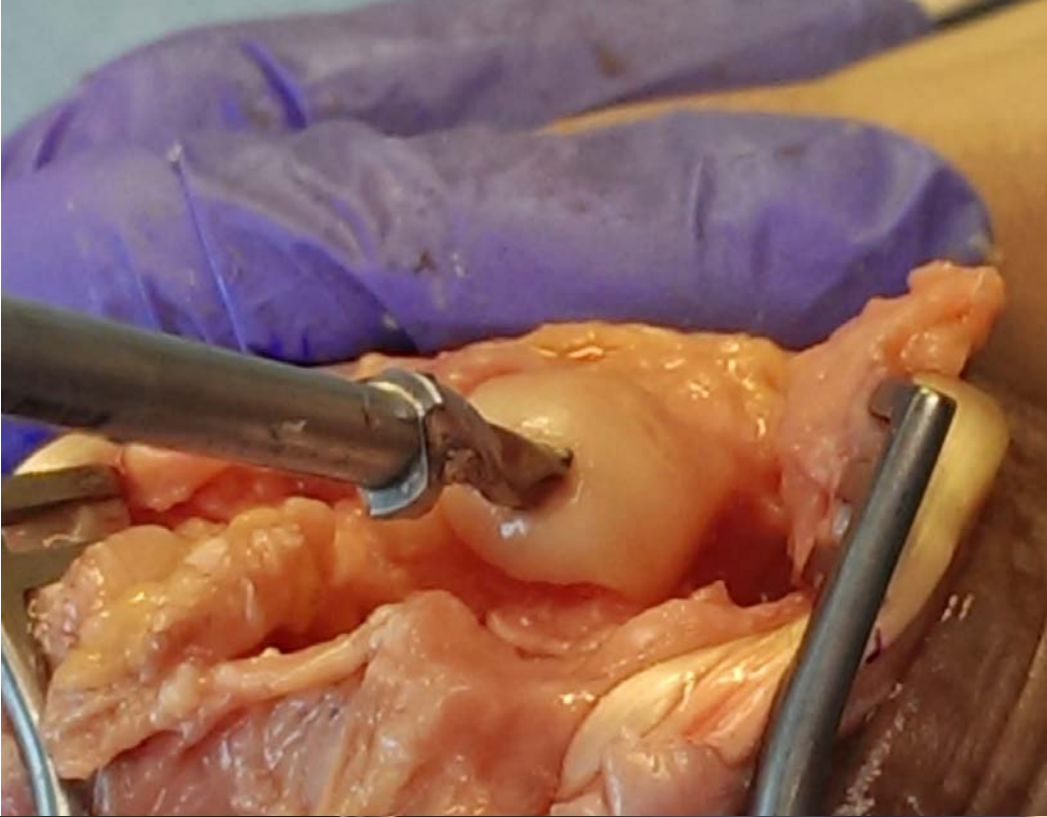
Minimal hardware restores capitate without fusing adjacent bones

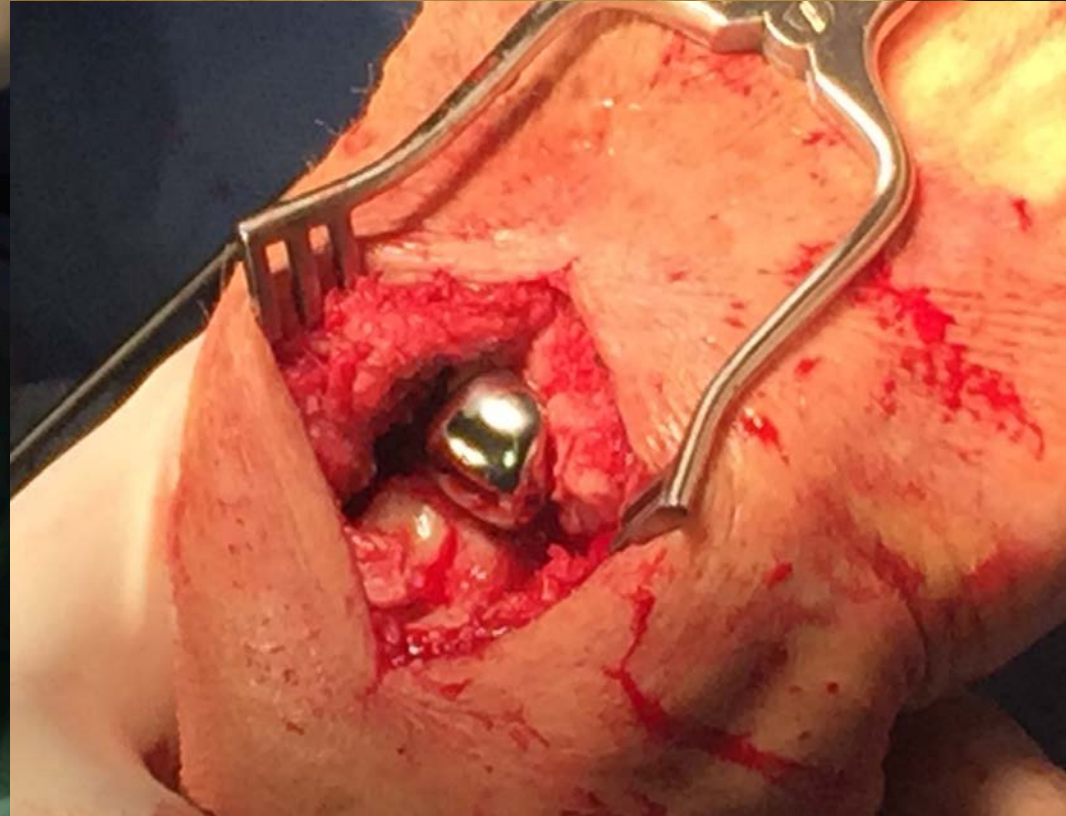
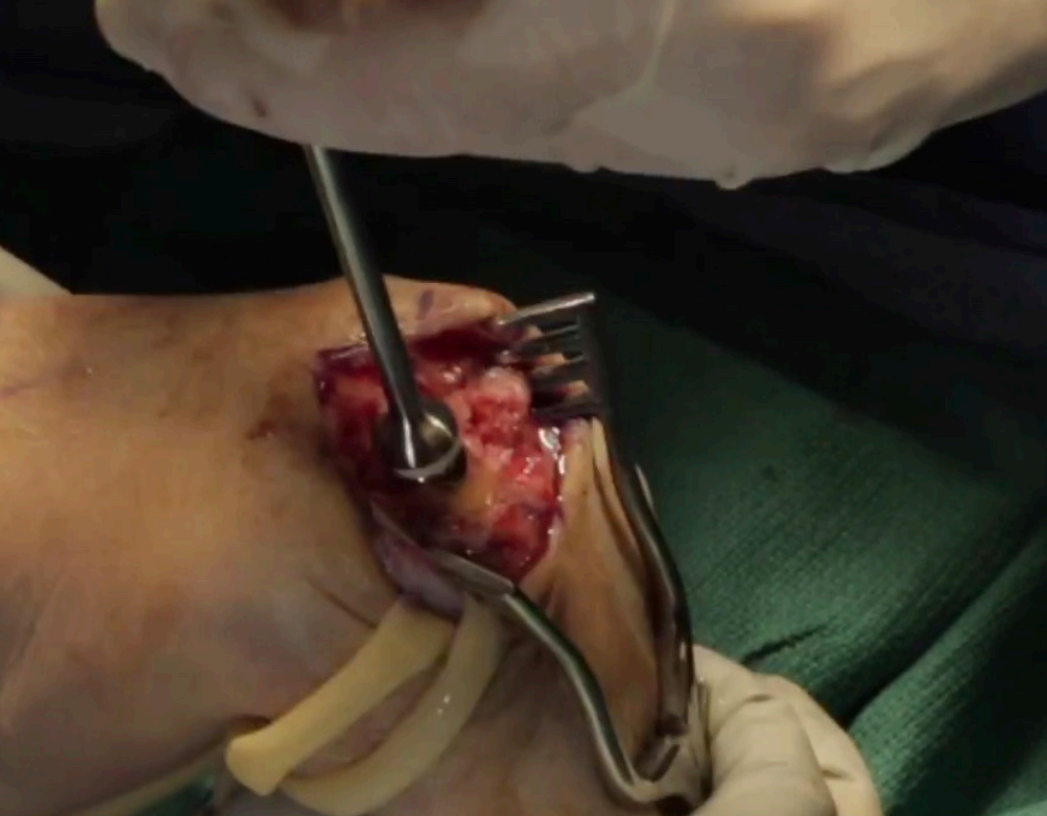
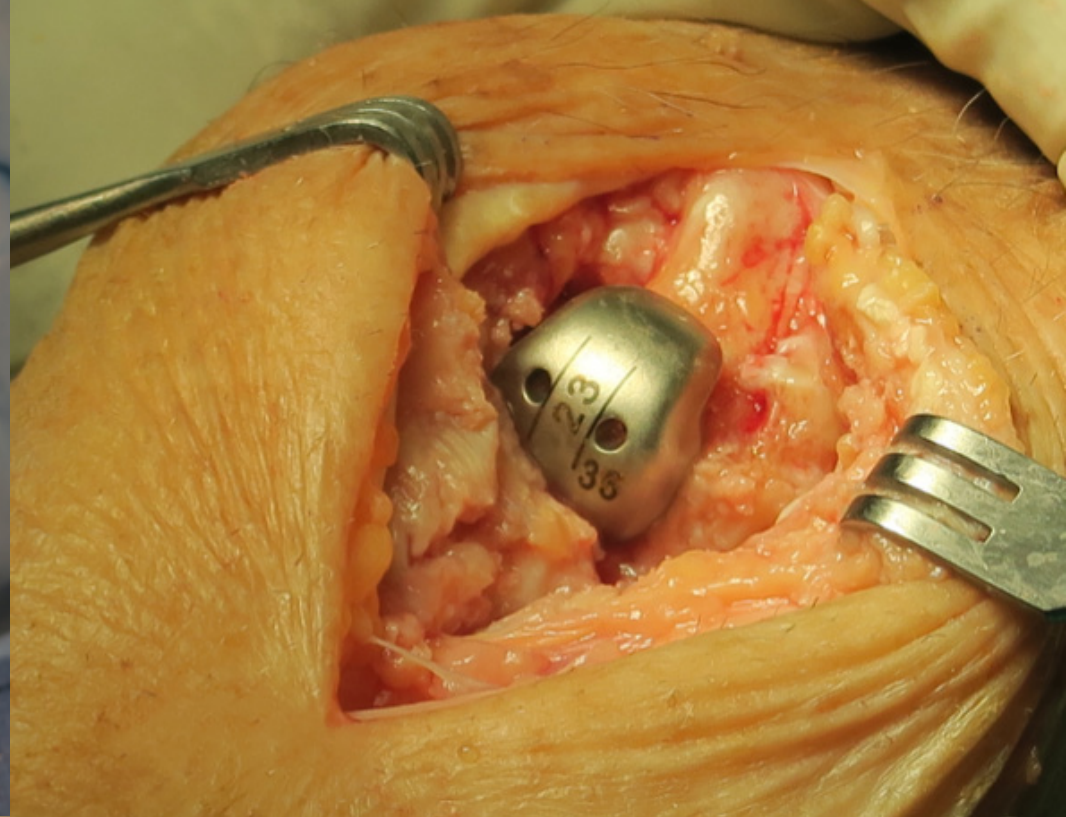
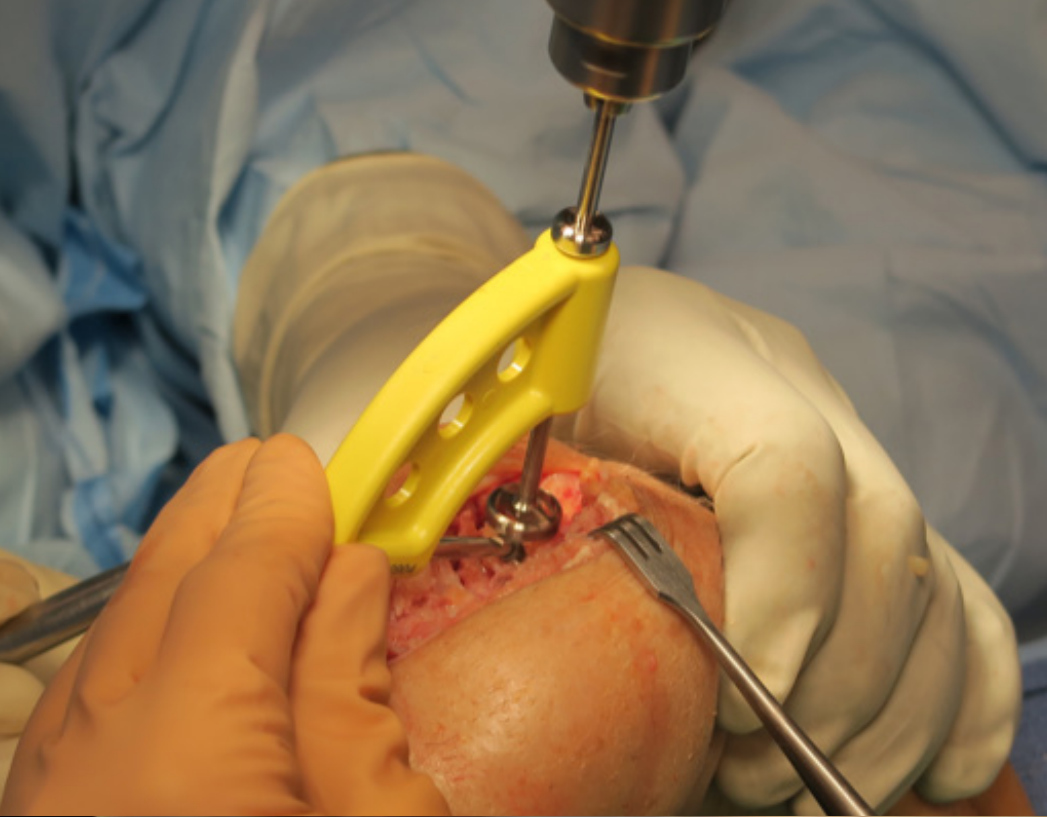


Indications besides OA:

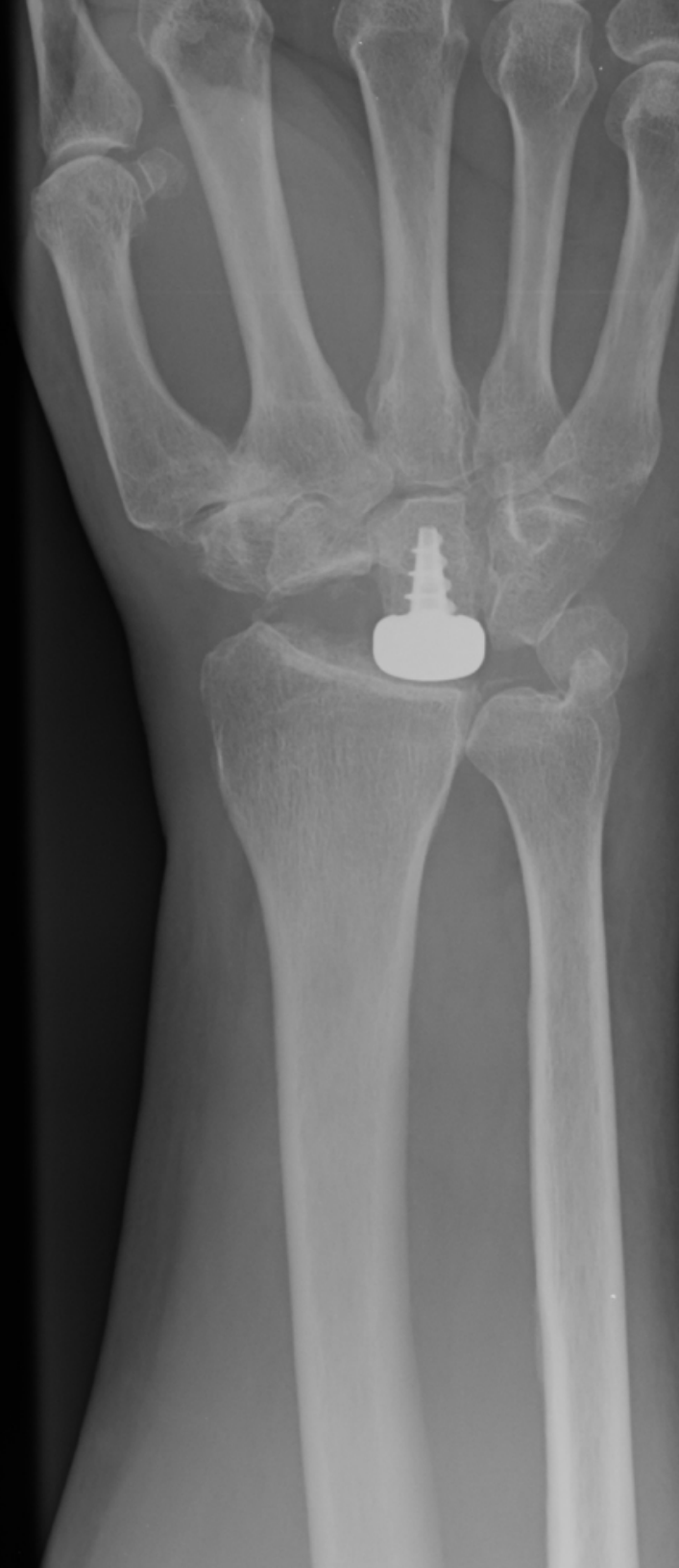
Type II and III scapholunate advanced collapse (SLAC) or scaphoid nonunion advanced collapse (SNAC) wrists,
Four corner fusion non-unions or failed PRC













SpeedSpiral CMC Allograft System



SpeedSpiral Technical Information

The **SpeedSpiral™ CMC System** utilizes a shaped allograft implant to treat thumb CMC joint pain and/or instability. It is designed to augment the FCR tendon and/or the capsuloligamentous structures at the thumb while also minimizing OR time. The SpeedSpiral™ implant shape minimizes the risk of metacarpal subsidence that is common to other autograft only procedures.

- ▶ Pre-Formed in a Cylindrical Shape. Dehydrated, Wrapped and Compressed Dermal Tissue Construct
- ▶ Sterile, Decellularized and Freeze-Dried (No Rehydration Necessary)
- ▶ Available in 3 sizes: 13x13mm, 15x15mm & 17x15mm
- ▶ Sterile, Single-Use Delivery Instruments



Features & Benefits

- ▶ Maintains Carpal Height
- ▶ Prevents Collapse of Joint
- ▶ Improves Power Pinch Strength

SpeedSpiral Reference Surgeons

Dr. Peter Weiss: Providence, RI

Dr. David Ruch: Durham, NC

Dr. Randall Culp: Philadelphia, PA



SpeedSpiral Features & Benefits

A Stable Biologic that will incorporate into the body.
No chance of rejection



Excellent Pinch &
Grip Strength



Stable structure that supports the Thumb and doesn't allow for collapse of the cmc joint.



Indications besides CMC OA:

Failed LRTI, Spacer for distal pole of scaphoid excision, DRUJ hemiresection arthroplasty, possibly lunate in Kienbocks, modified Darrach procedure

Technique Option Examples:

Simple Trapeziectomy with Speedspiral Implant Interposition & FCR Suture Attachment (Dr. Peter Weiss)
FCR tendon transfer with Speedspiral Implant Interposition & trapezoid Anchor Attachment

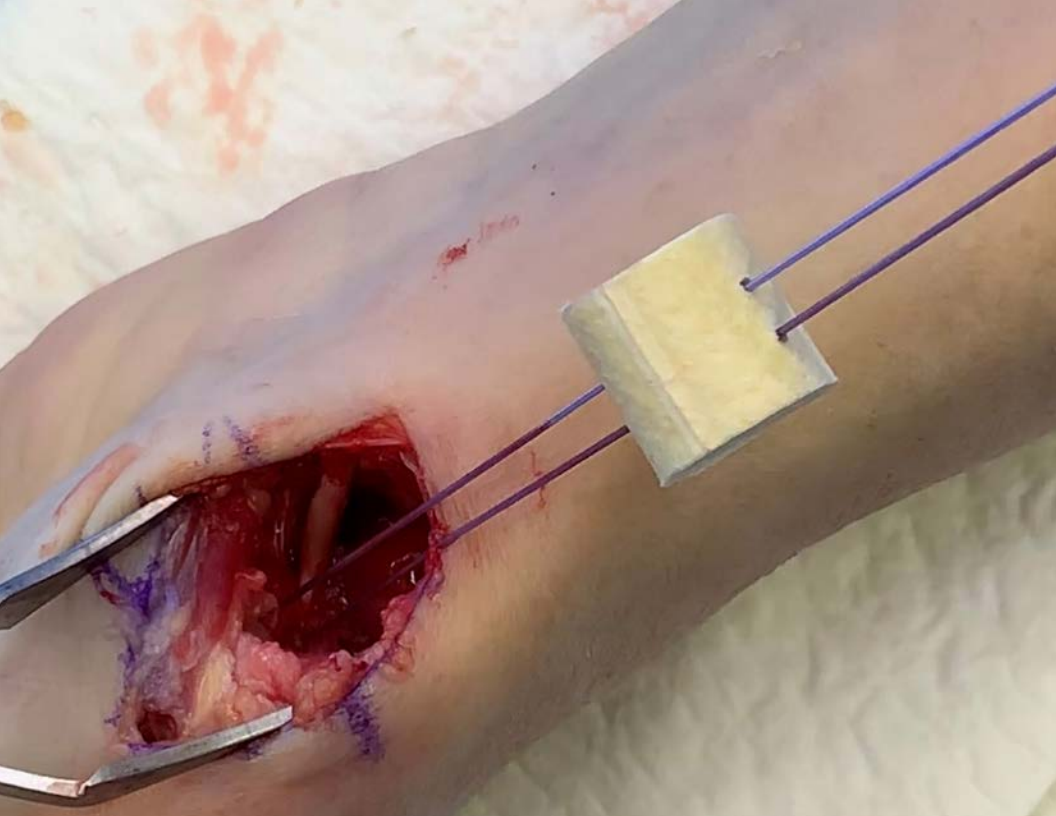
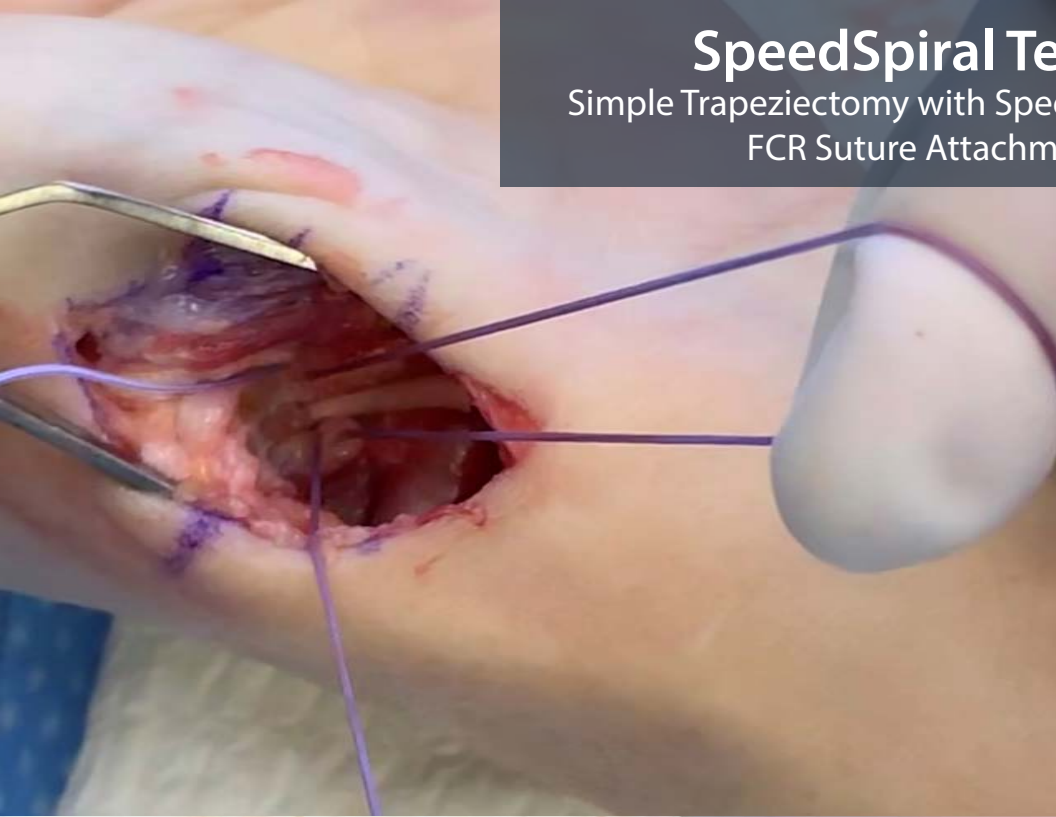
SpeedSpiral Technique Steps

Simple Trapeziectomy with Speedspiral Implant Interposition & FCR Suture Attachment (Dr. Peter Weiss)



SpeedSpiral Technique Steps

Simple Trapeziectomy with Speedspiral Implant Interposition & FCR Suture Attachment (Dr. Peter Weiss)

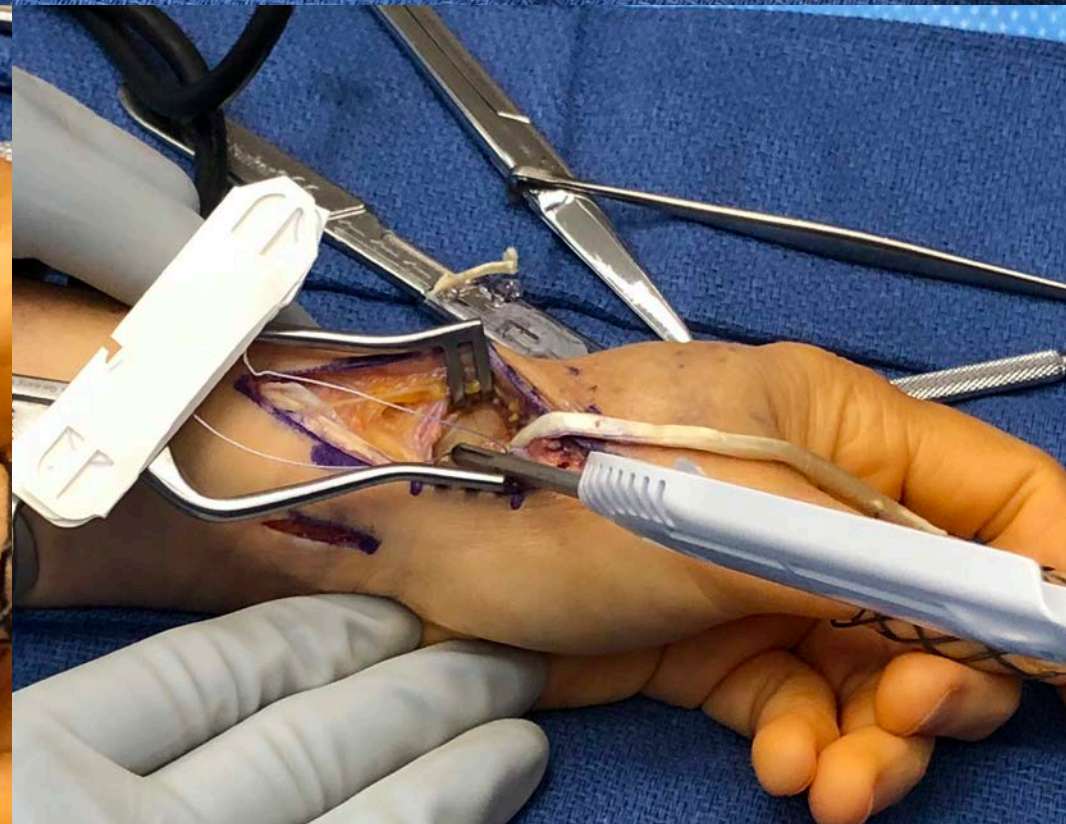
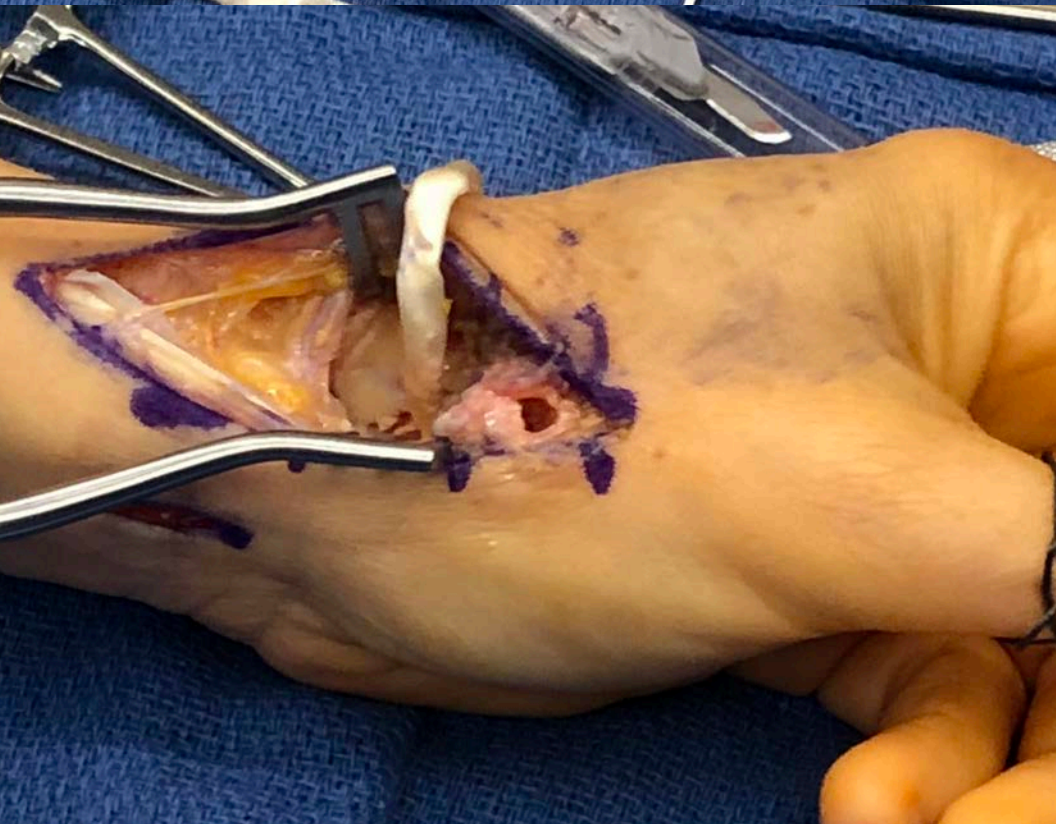
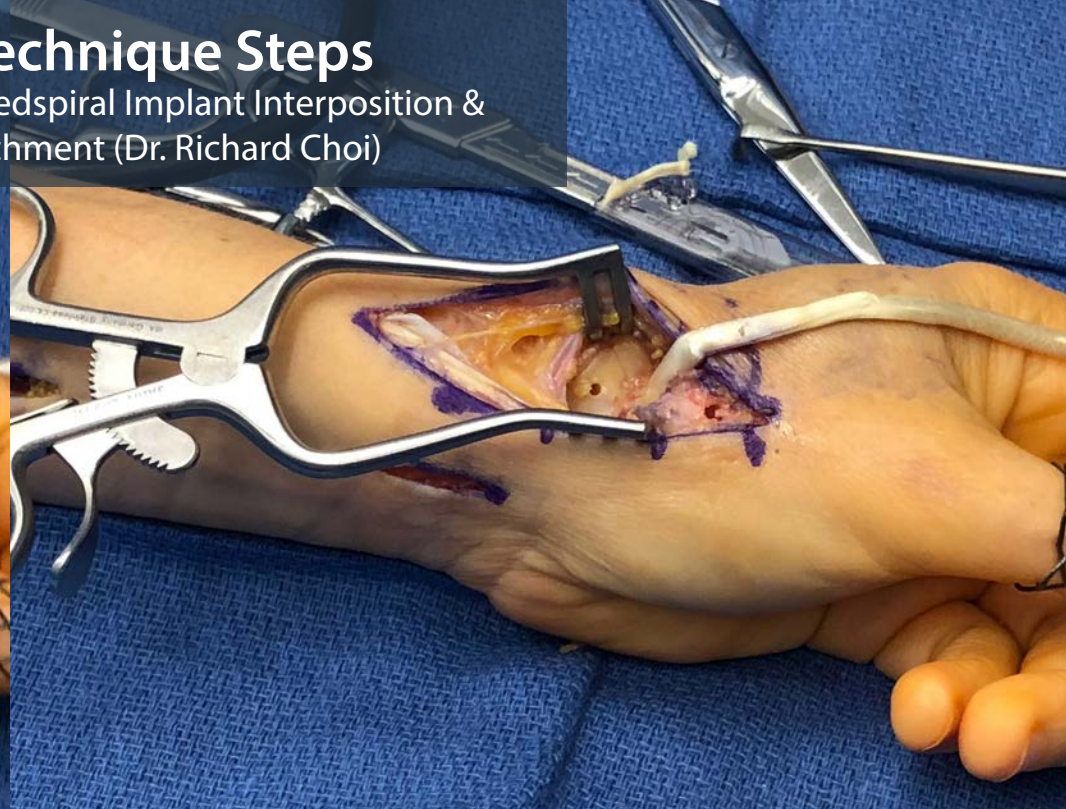
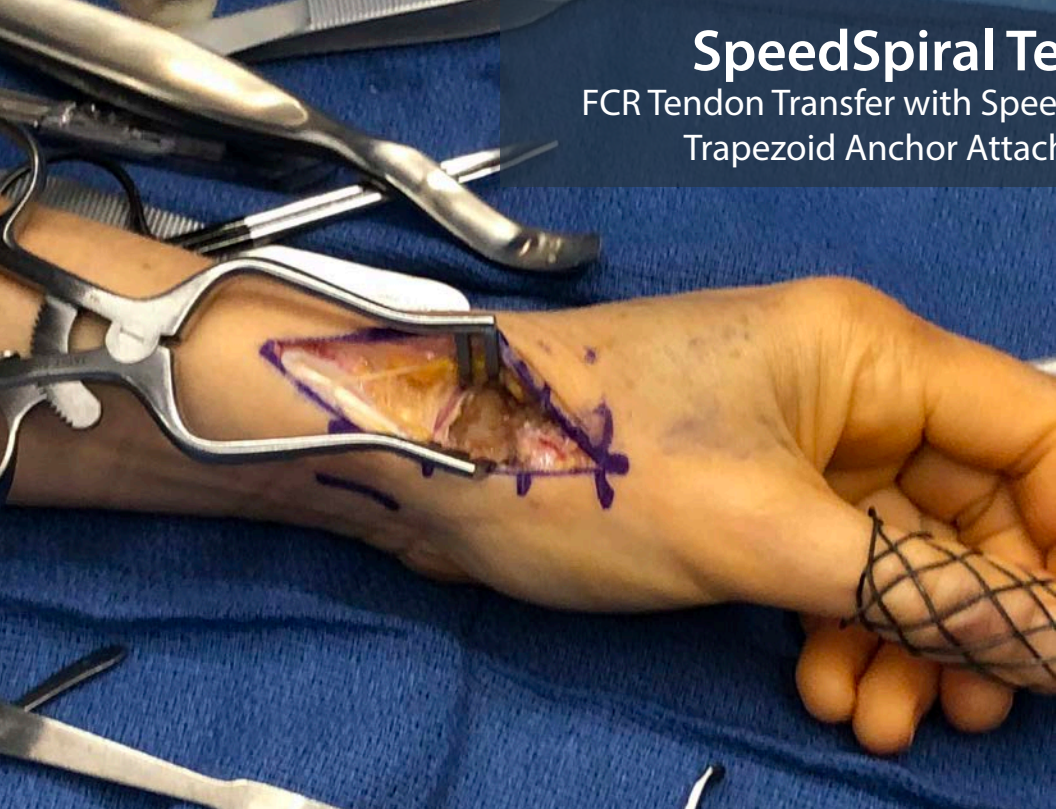


2 Months Post-Op
Peter Weiss, MD

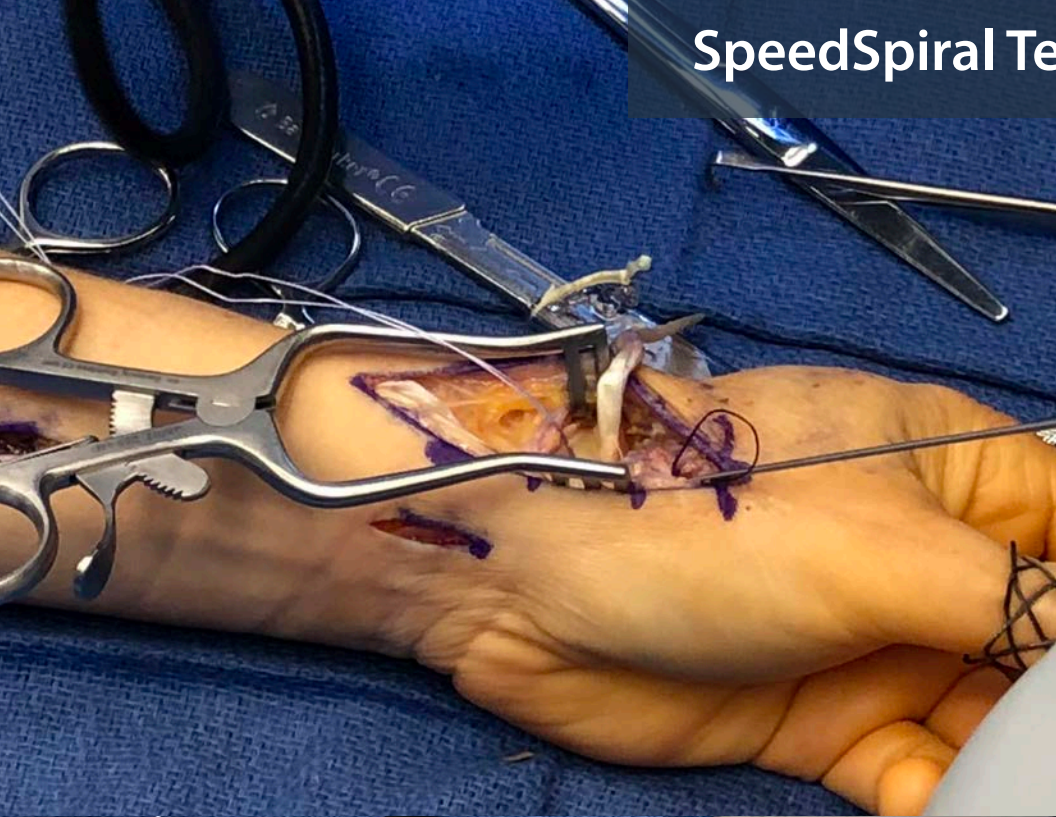


SpeedSpiral Technique Steps

FCR Tendon Transfer with Speedspiral Implant Interposition & Trapezoid Anchor Attachment (Dr. Richard Choi)



SpeedSpiral Technique Steps



SpeedSpiral Technique Steps

