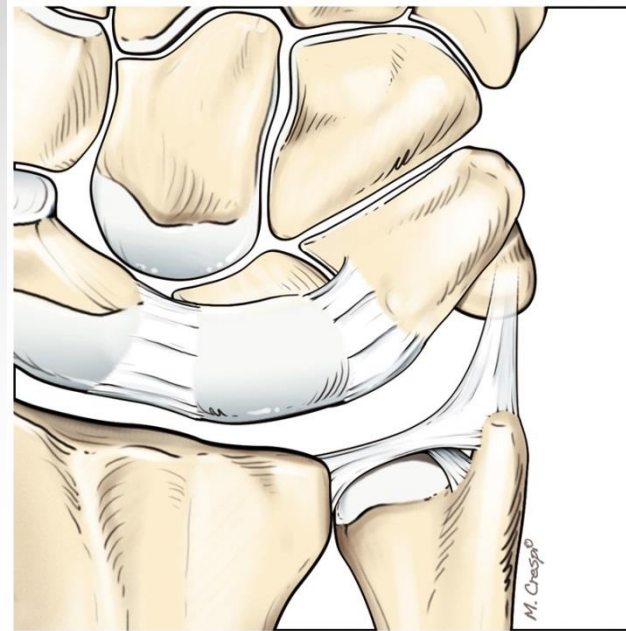


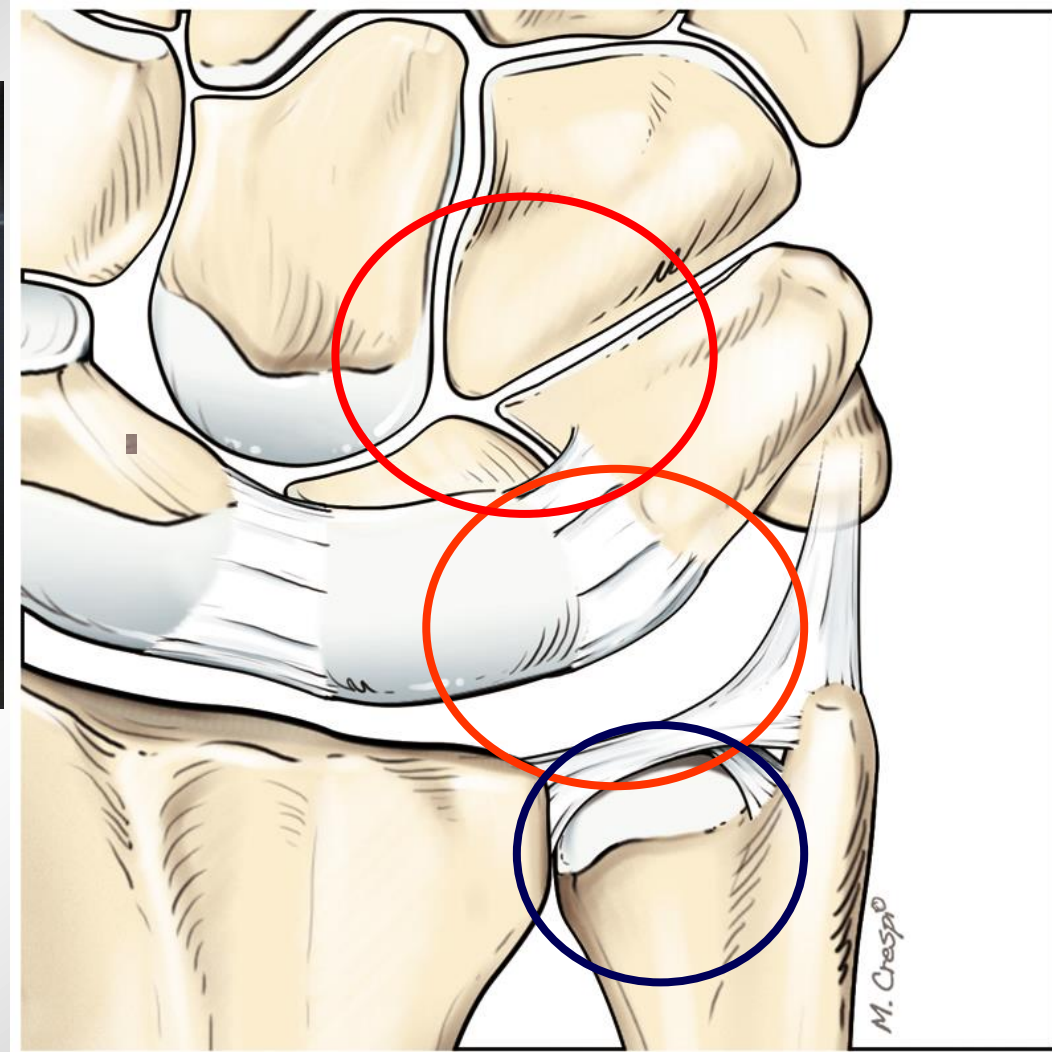
HAMATE IMPINGEMENT SYNDROM



Ch. Mathoulin
Institut de la main, Paris



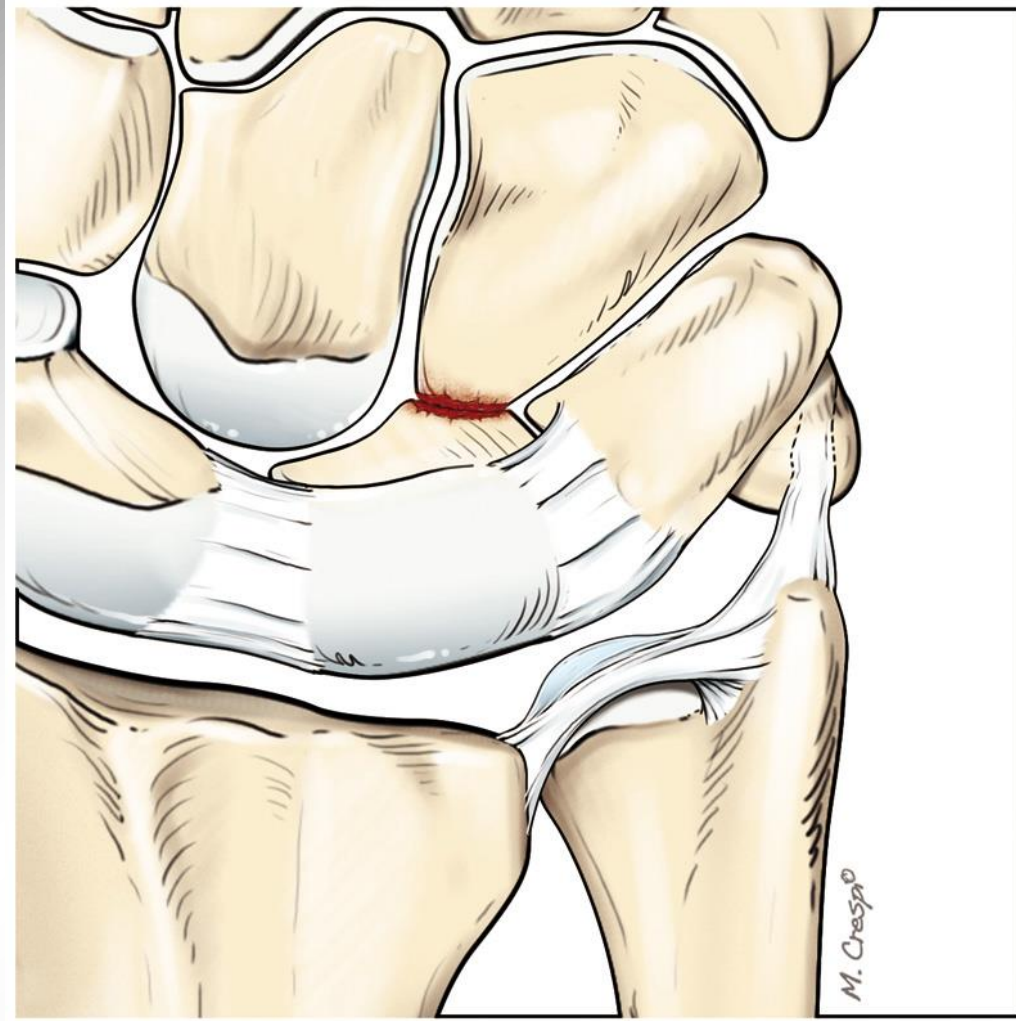
Anatomical geometry



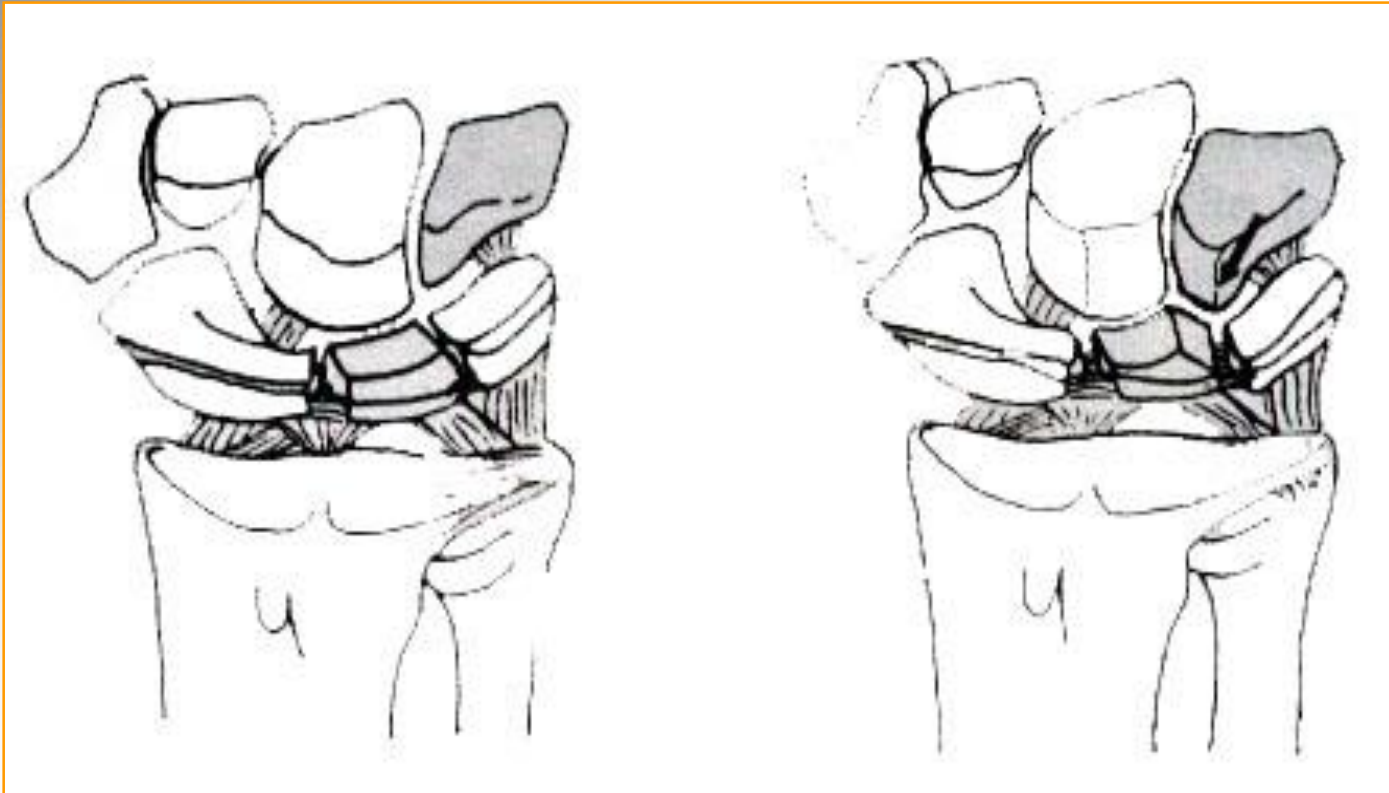
With permission of M. Llinas



Hamate-Tip-Syndrom



Hamate-Tip-Syndrom



Viegas SF, Wagner K, Patterson R, Peterson P. Medial facet of the lunate. J Hand Surg 15A: 564-571,1990.

Viegas SF. The lunatohamate articulation of the midcarpal joint. Arthroscopy 6: 5-10, 1990.

Viegas SF. Midcarpal arthroscopy: Anatomy and technique. Arthroscopy 8, 385-390, 1992.

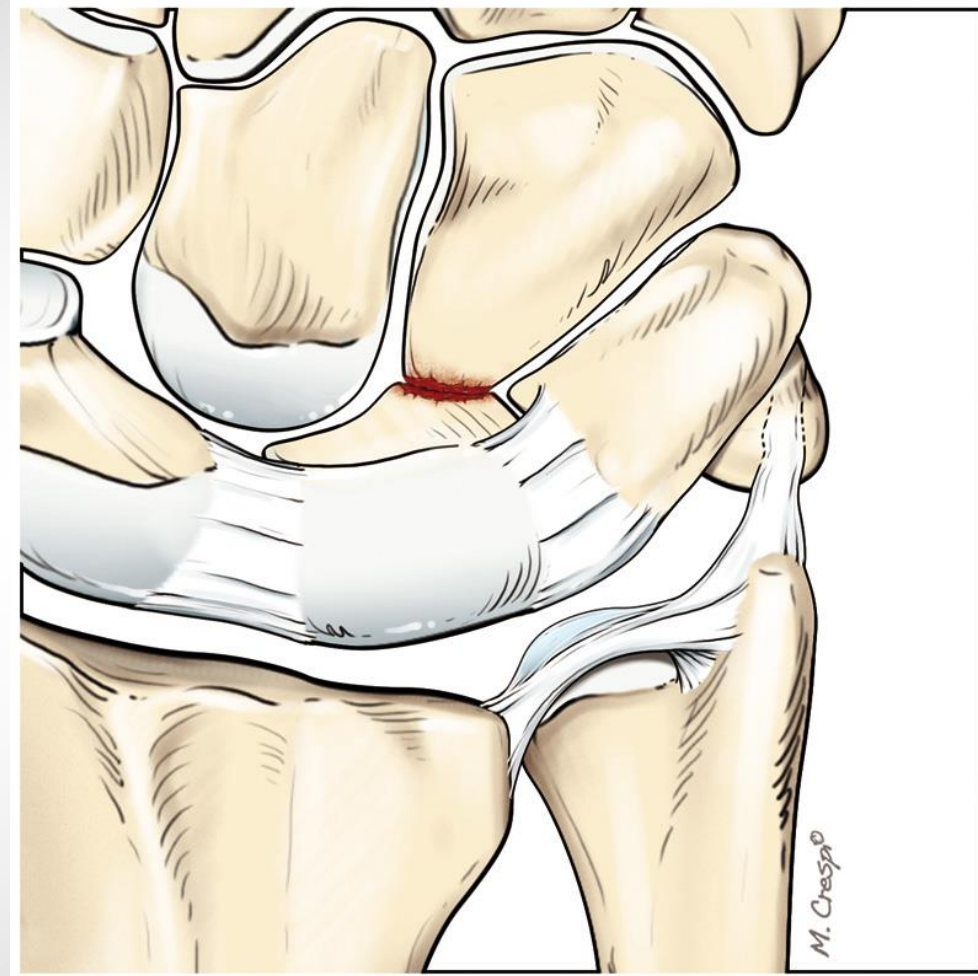
Toby EB, Phoeling GG, Koman AL. Midcarpal arthroscopy. Surg Rounds Orthop 3: 23-27, 1989

Hamate-Tip-Syndrom

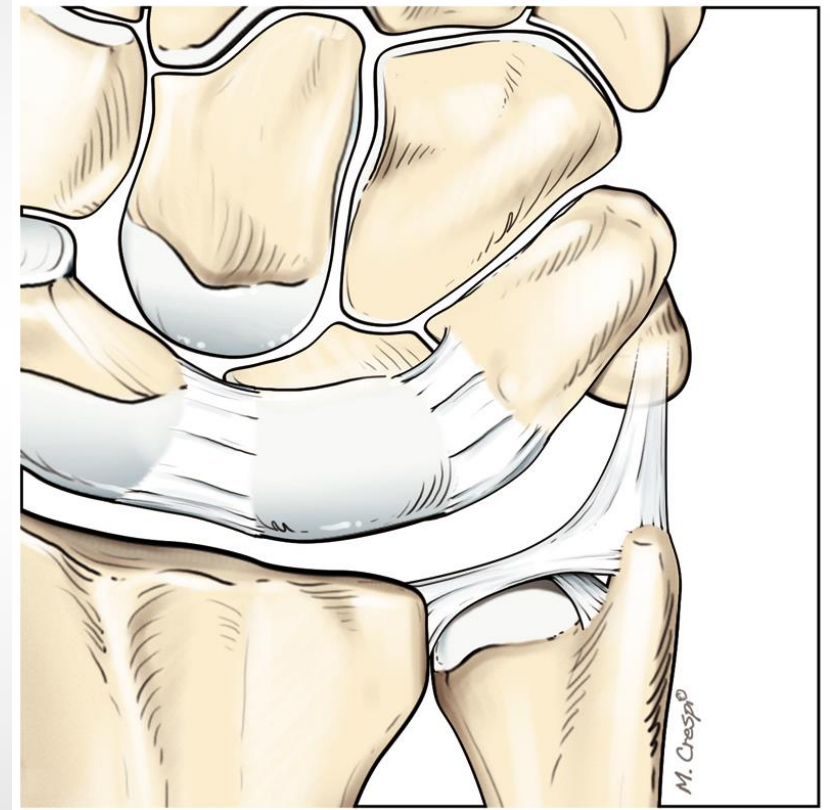
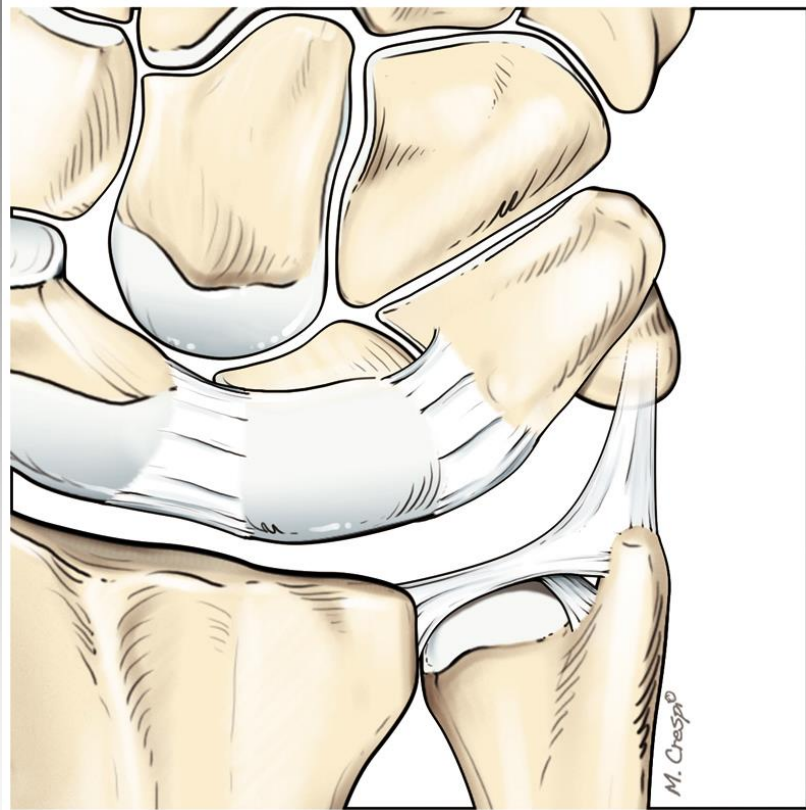
Impaction between lunate and proximal tip of hamate

Alteration of cartilaginous carpal surface hamate tip

Late stage : Luno triquetral ligament tears?



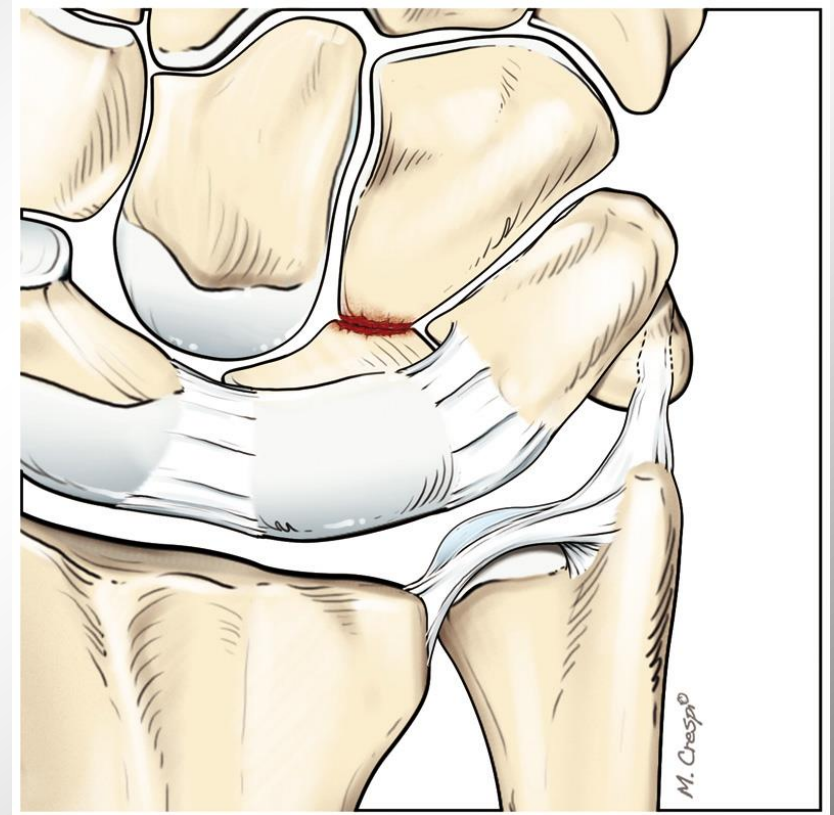
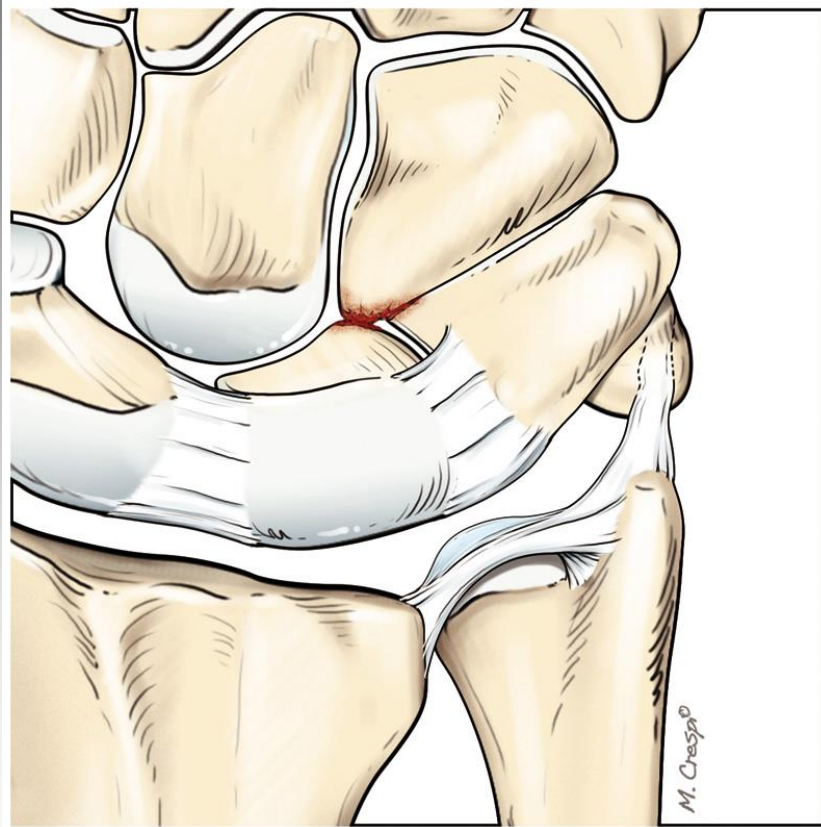
Hamate-Tip-Syndrom



Viegas I
(no)

Viegas II
(with)

Hamate-Tip-Syndrom

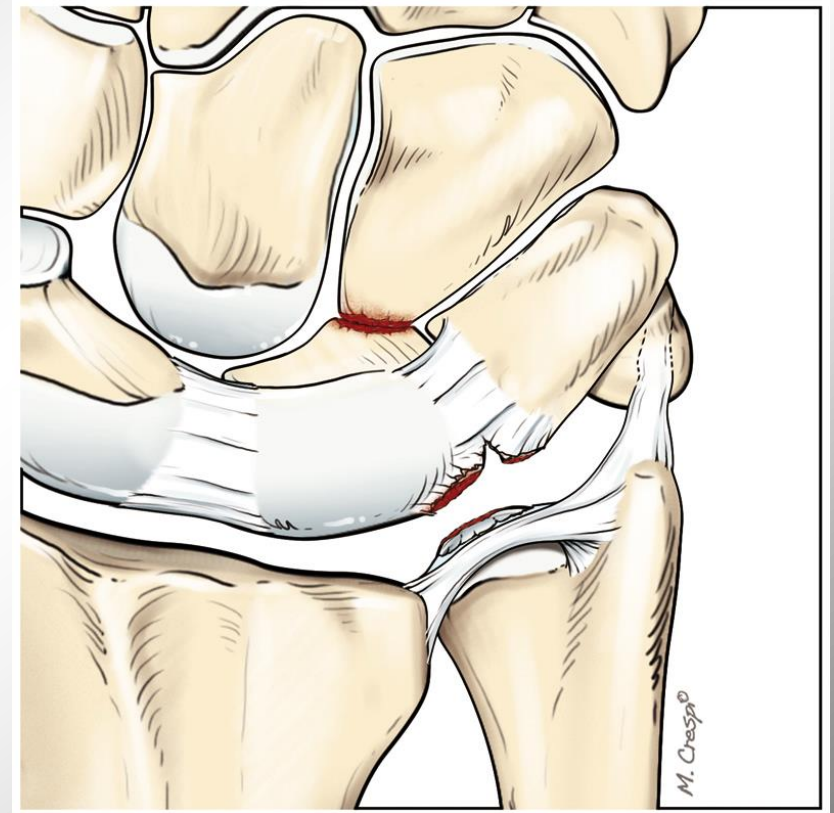
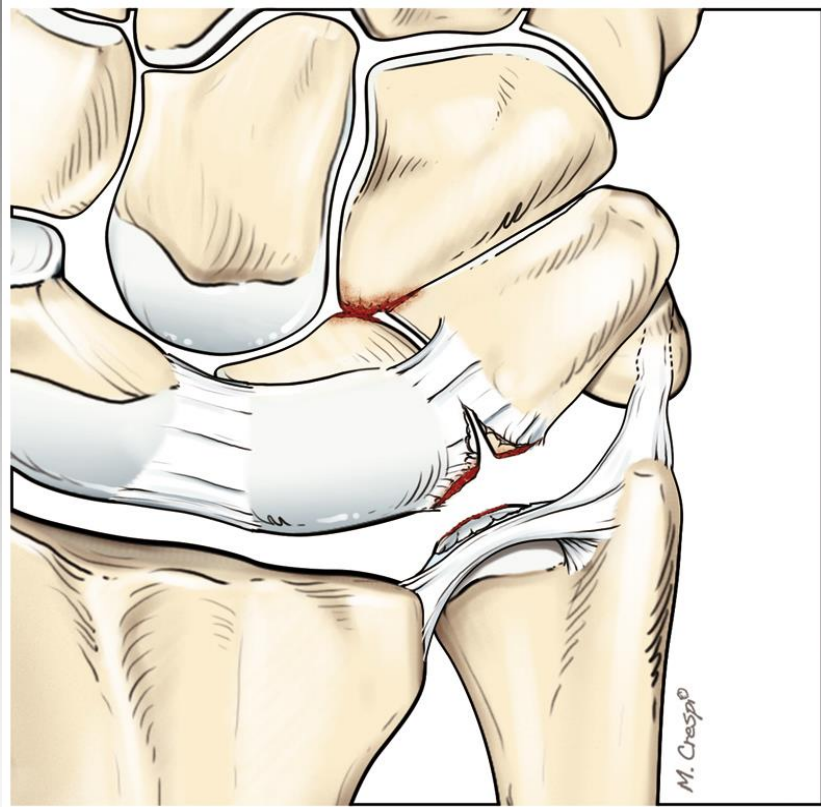


Viegas I
(no)

Viegas II
(with)



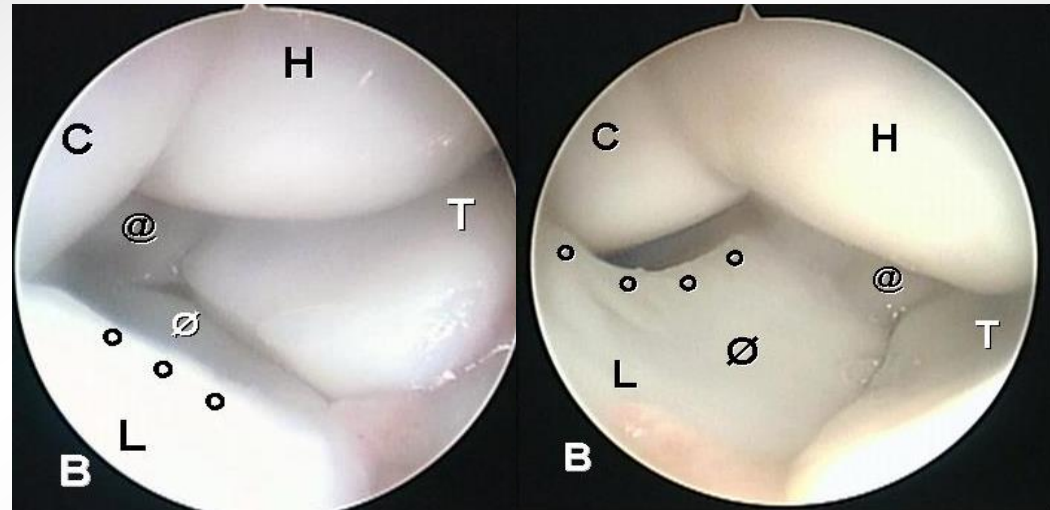
Hamate-Tip-Syndrom



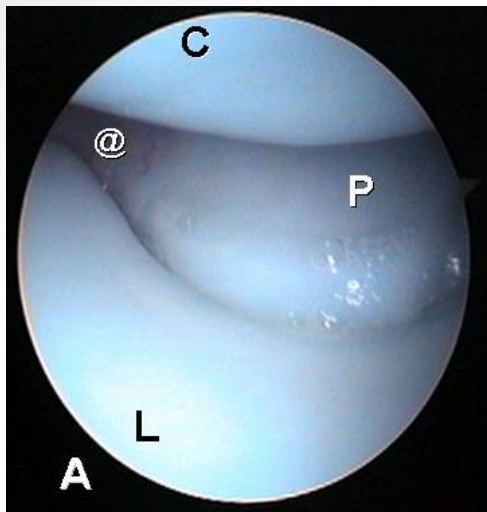
Viegas I
(no)

Viegas II
(with)

Arthroscopic Mid-Carpal Exploration

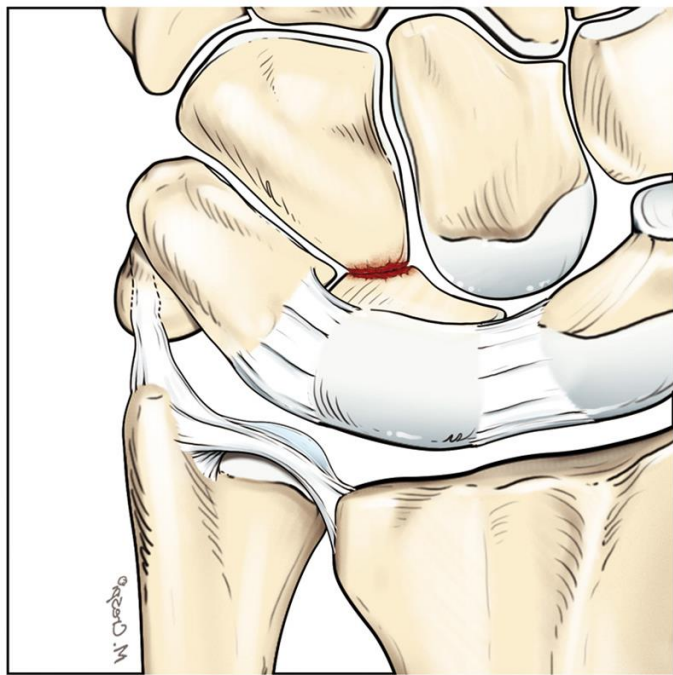


Viegas type 2



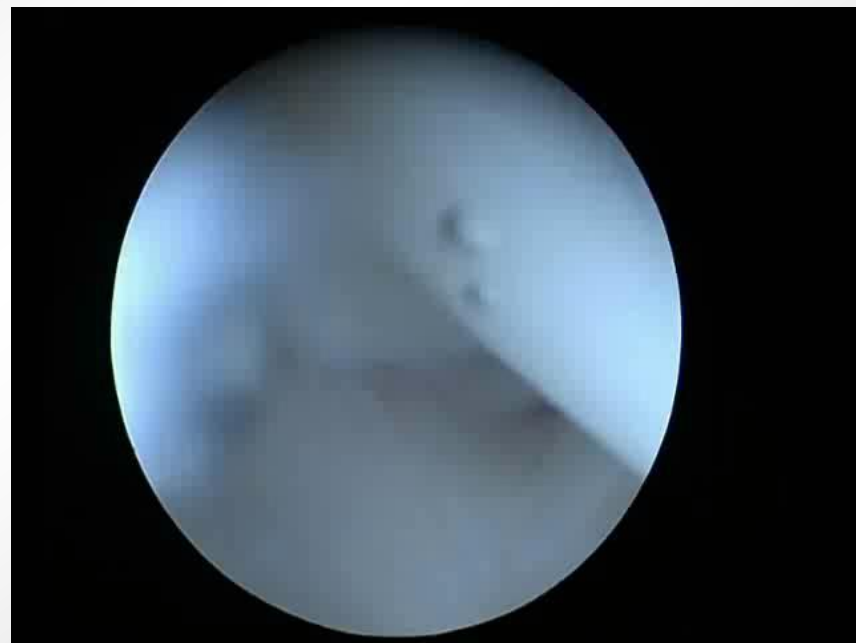
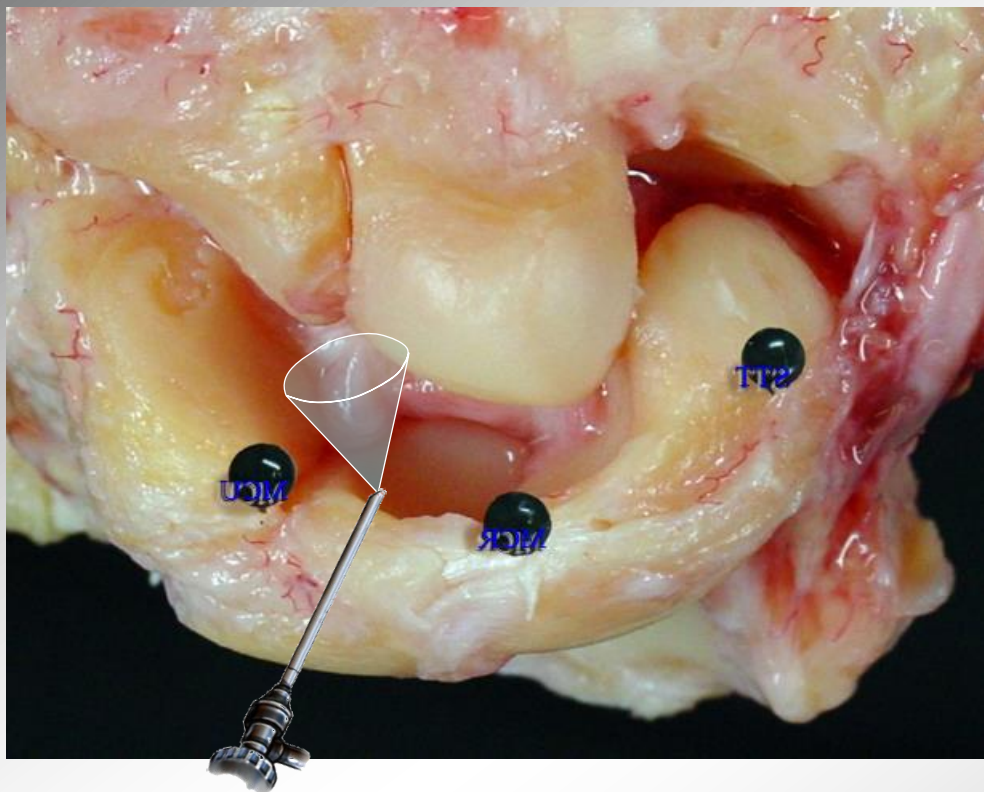
Viegas type 1

Clinical case

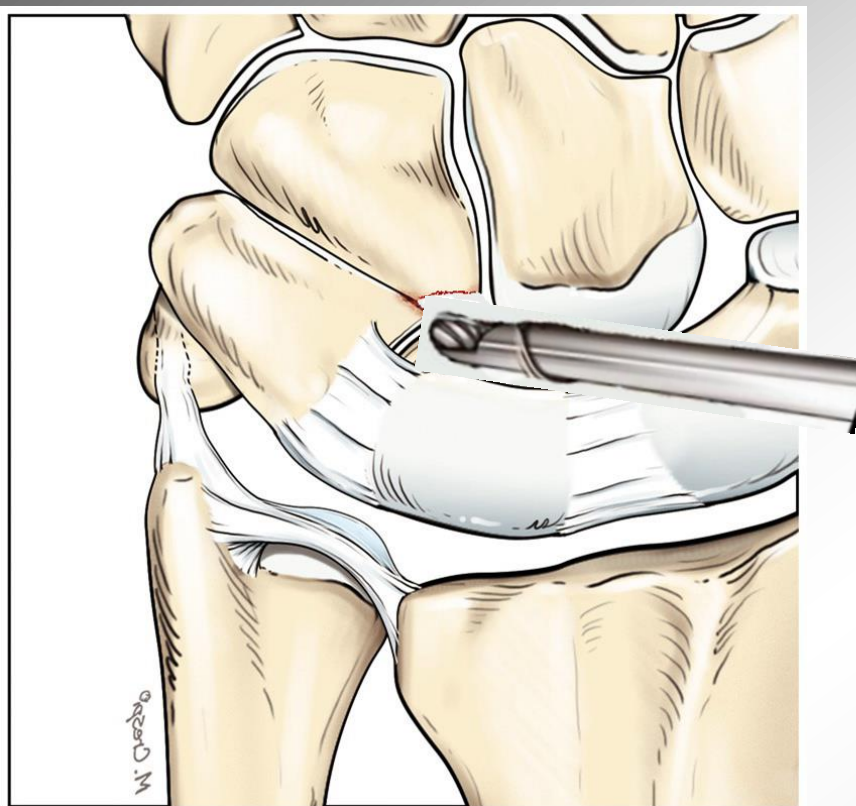


Clinical case

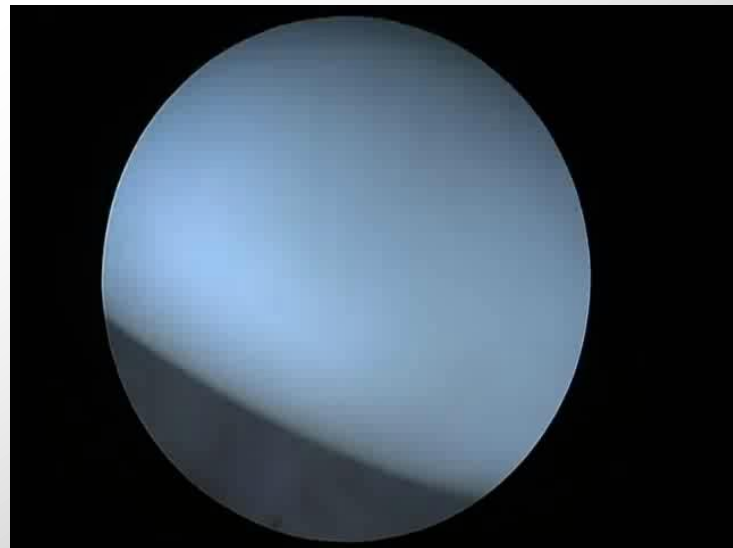
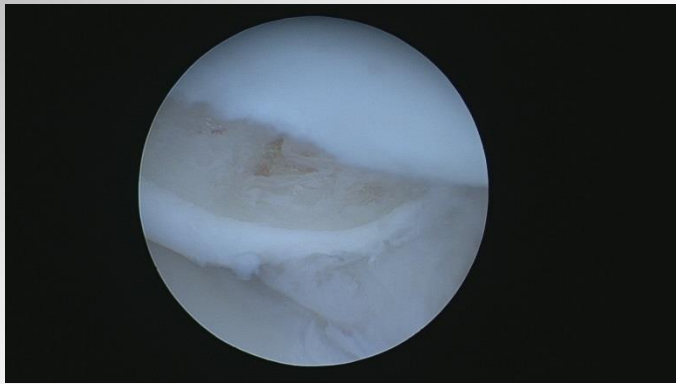
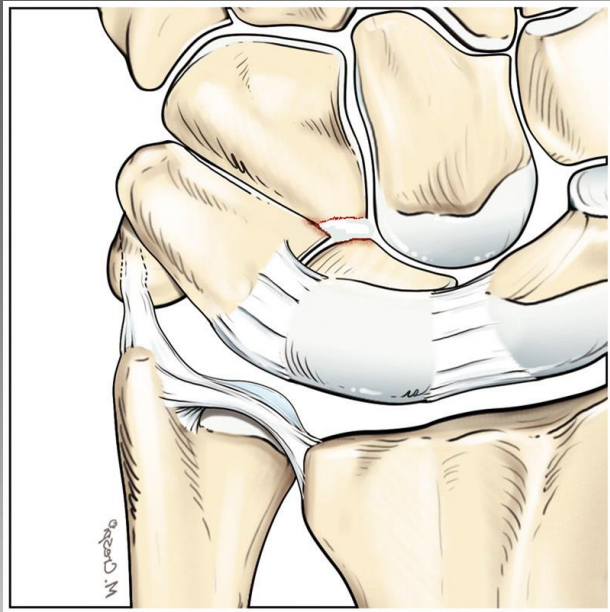
Scope MCU



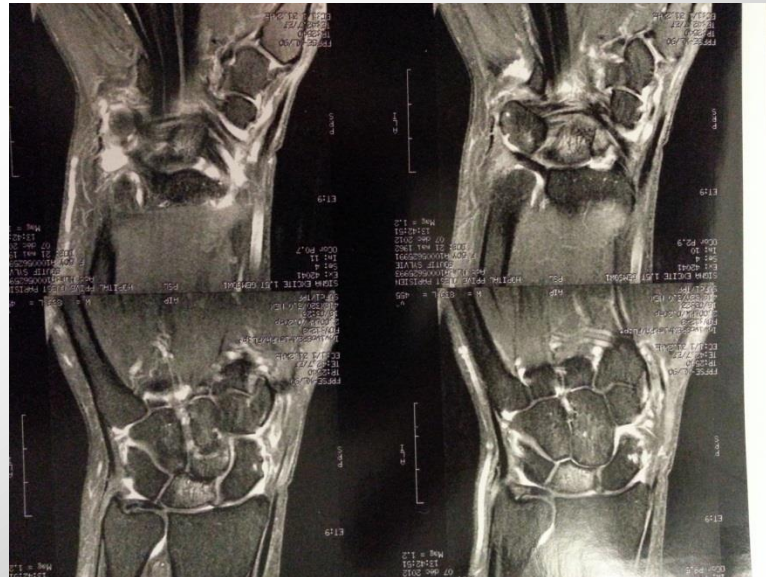
Clinical case



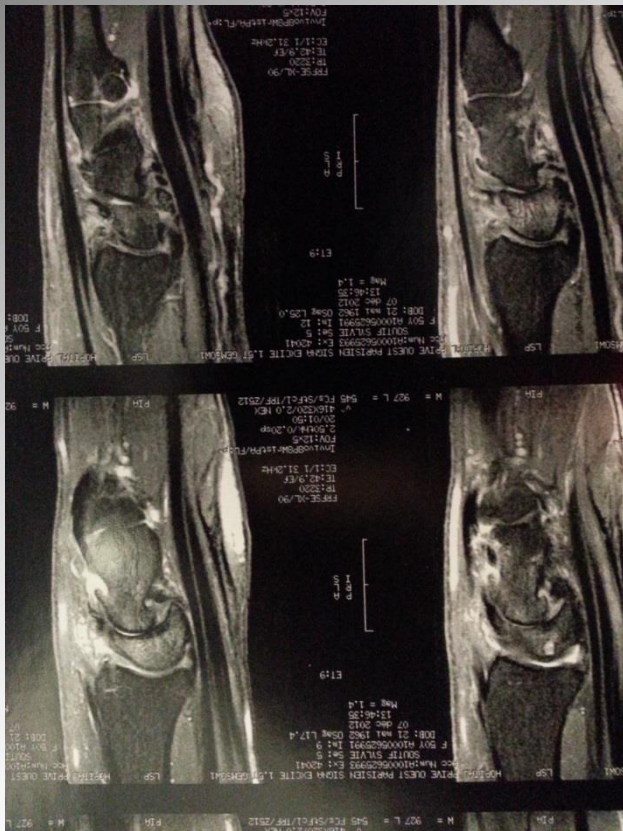
Clinical case



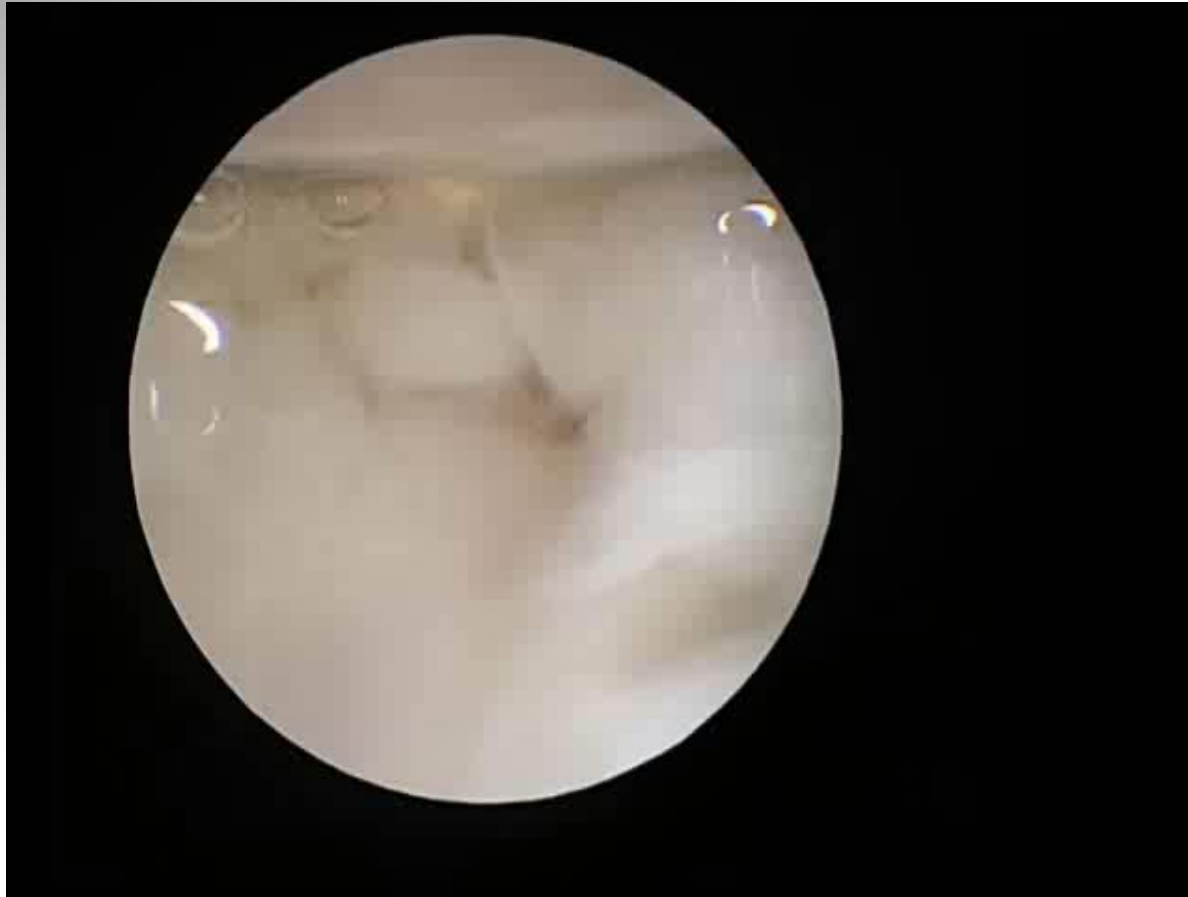
Isolated Ulnar-Midcarpal-arthritis



Isolated Ulnar-Midcarpal-arthritis



Isolated Ulnar-Midcarpal-arthritis



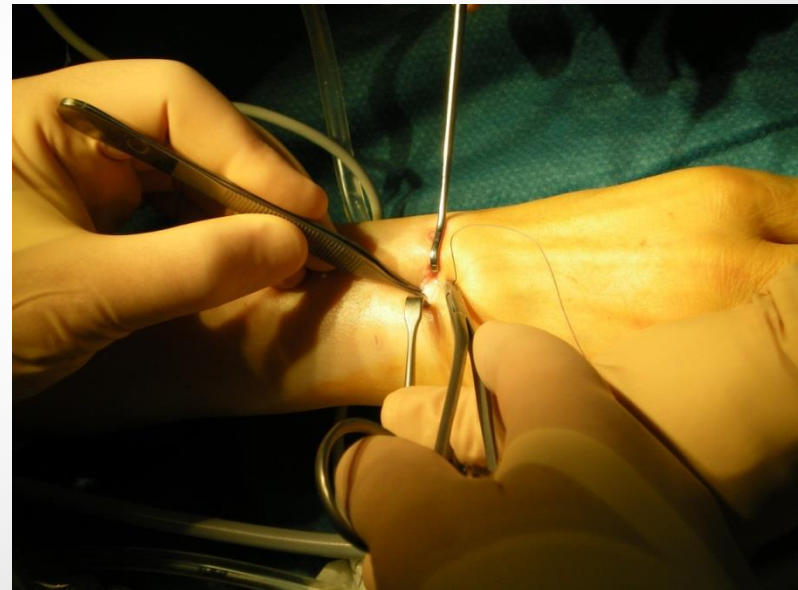
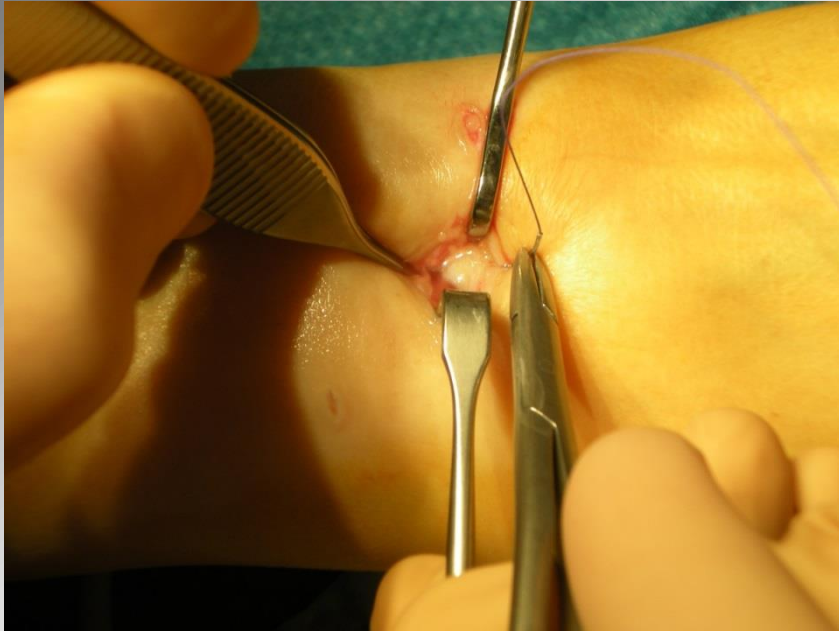
Isolated Ulnar-Midcarpal-arthritis



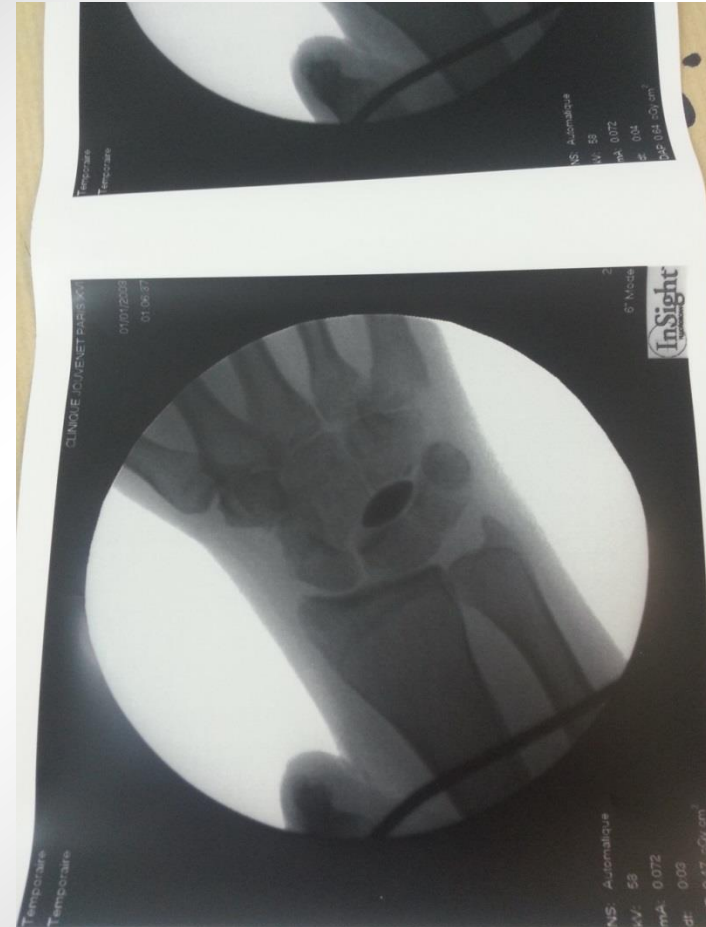
Isolated Ulnar-Midcarpal-arthritis



Isolated Ulnar-Midcarpal-arthritis



Isolated Ulnar-Midcarpal-arthritis



Isolated Ulnar-Midcarpal-arthritis



D + 5

Isolated Ulnar-Midcarpal-arthritis



D + 5



Conclusion

**In fact Ulnar impaction syndrom
is more complex than expected
because it concerns all ulnar
carpal structures.**

**The wrist arthroscopy has helped
make the diagnosis and treatment
in a less aggressive and more
convenient way for the patient**