

Arthroscopic resection of volar wrist ganglia

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Ganglia wrist localization

Dorsal ganglion

Volar STT ganglion

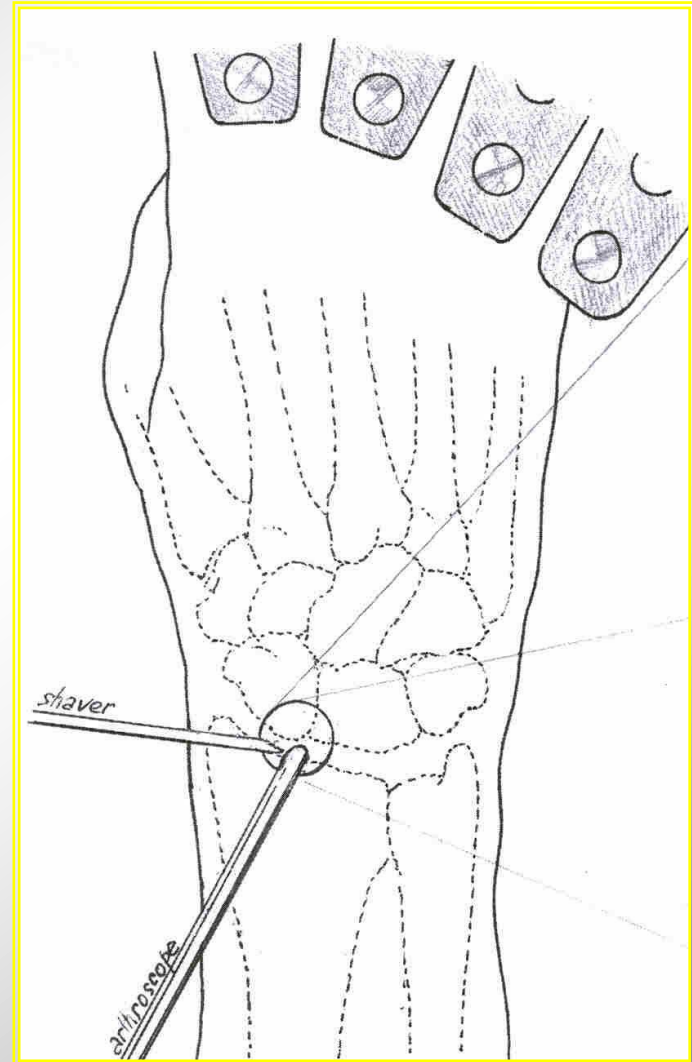
SL lig

Volar RC ganglion

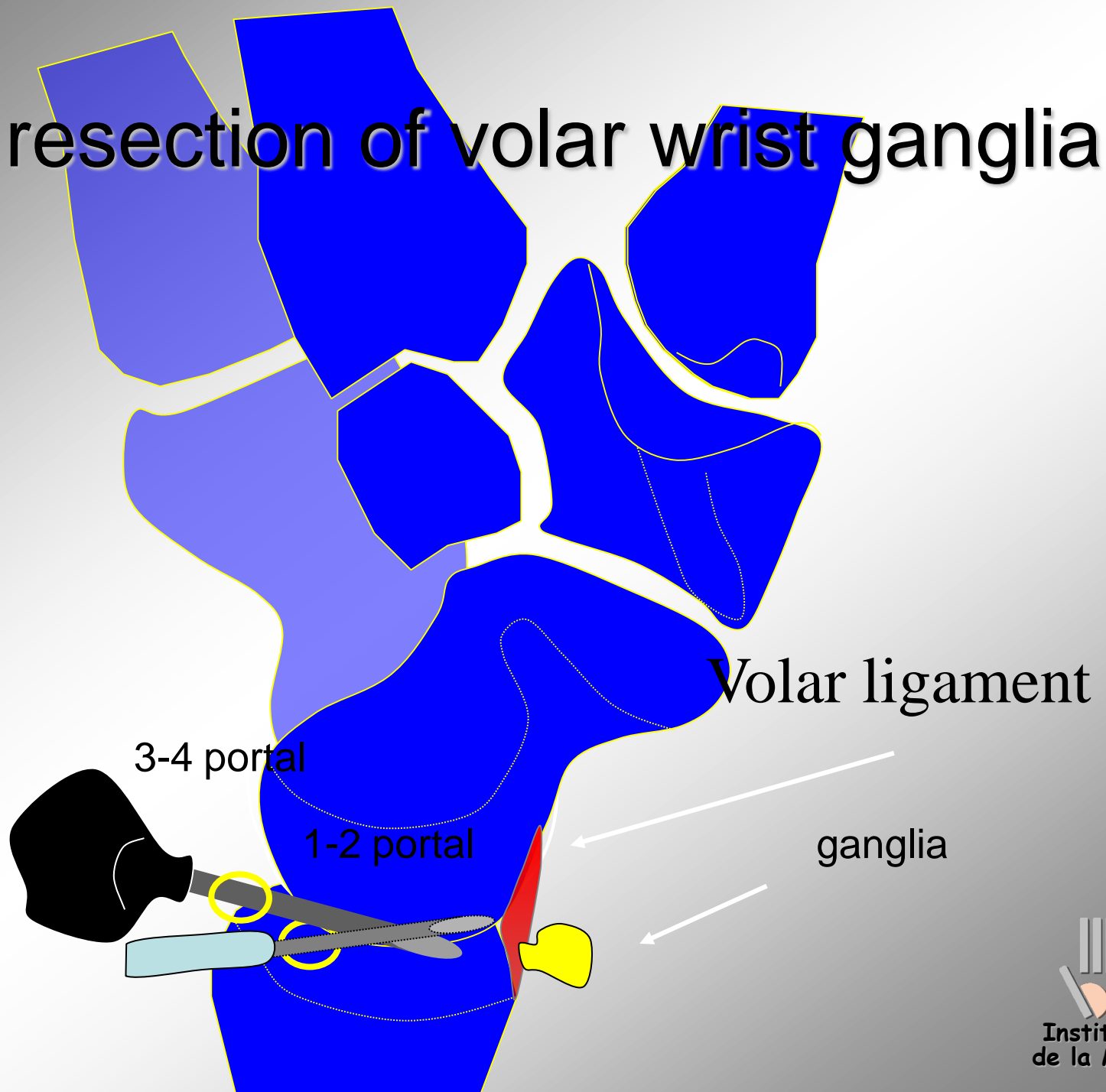


PALMAR WRIST GANGLIA

- 3-4 radio carpal portal for vision
- 1-2 radio carpal portal for full-radius resector or aggressive cutter



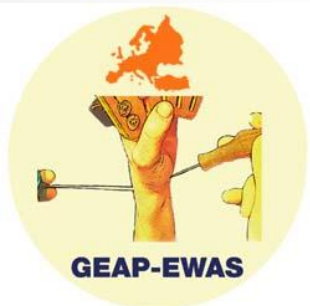
ARS resection of volar wrist ganglia



PALMAR WRIST GANGLIA

Technique

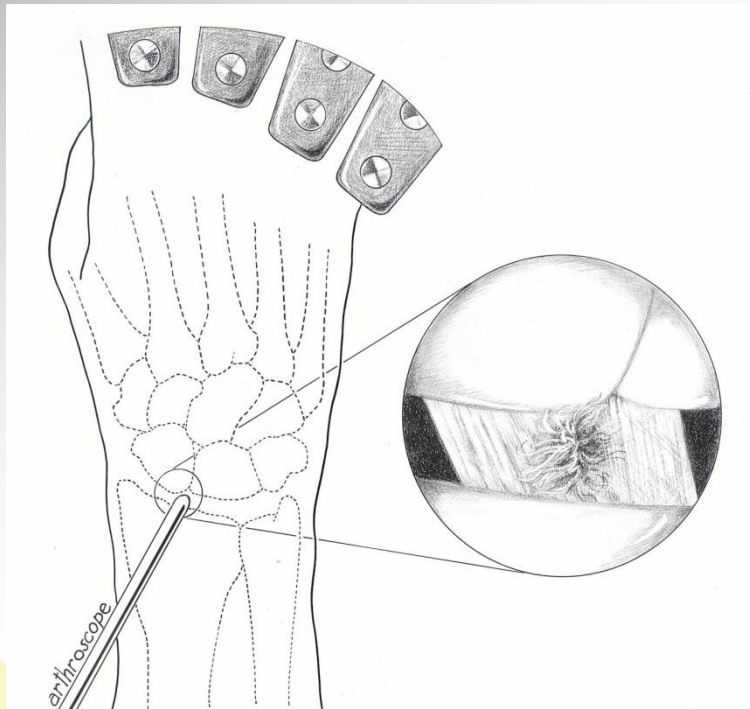
3-4 radio carpal portal for vision.



PALMAR WRIST GANGLIA

Technique

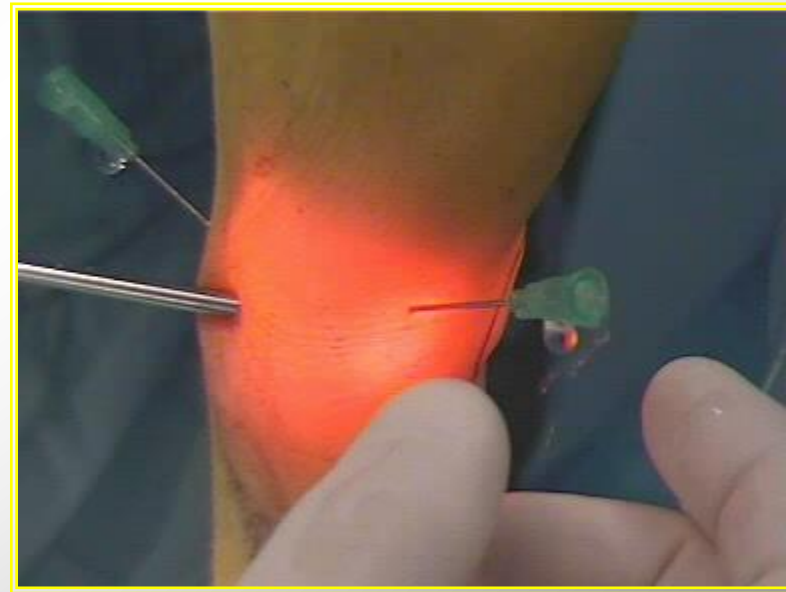
3-4 radio carpal portal for vision.



PALMAR WRIST GANGLIA

Technique

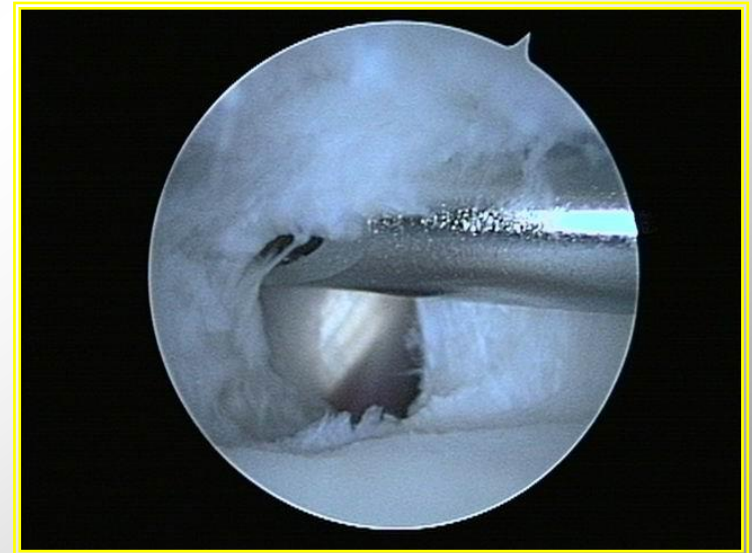
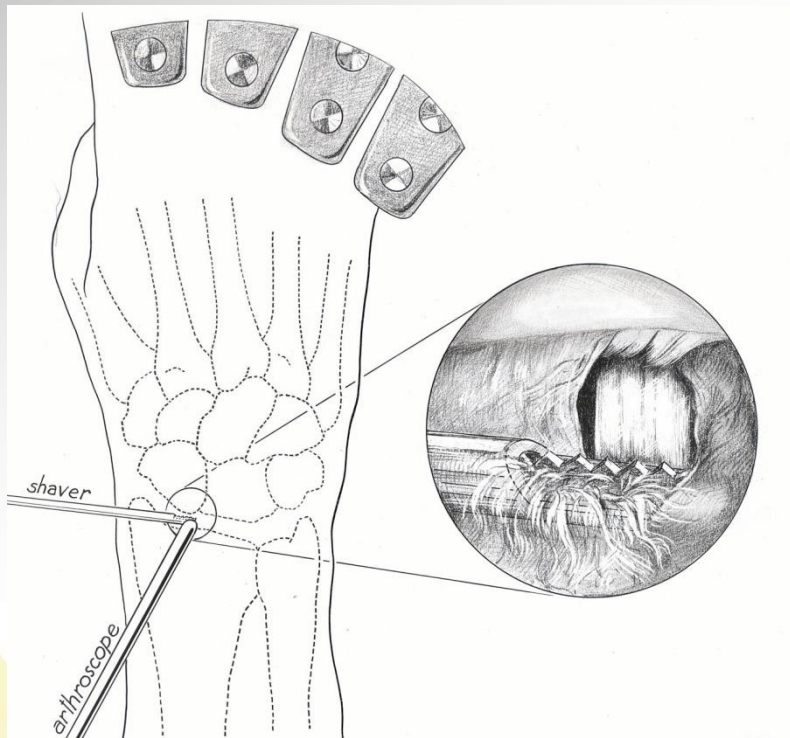
1-2 radio carpal portal for full-radius resector or aggressive cutter



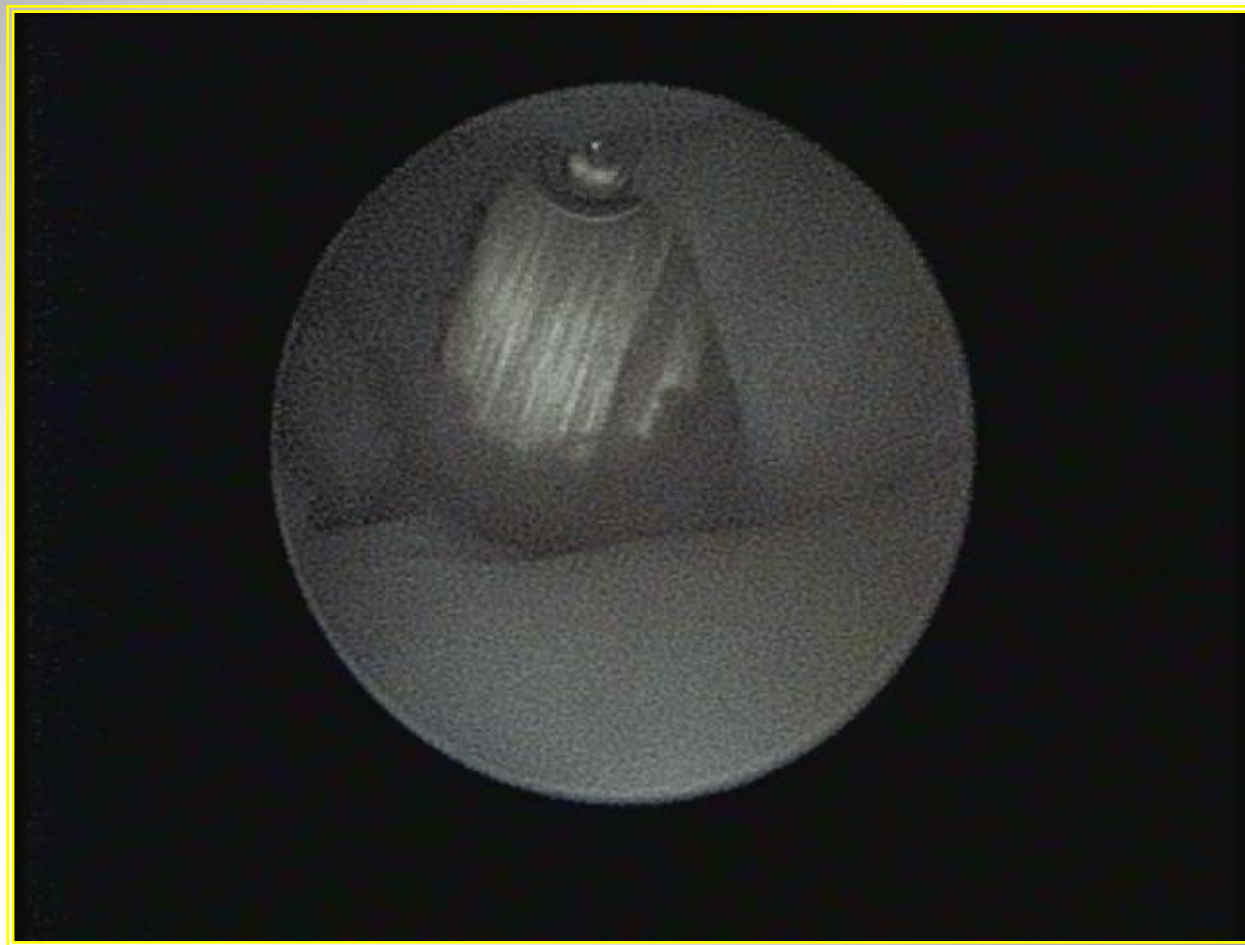
PALMAR WRIST GANGLIA

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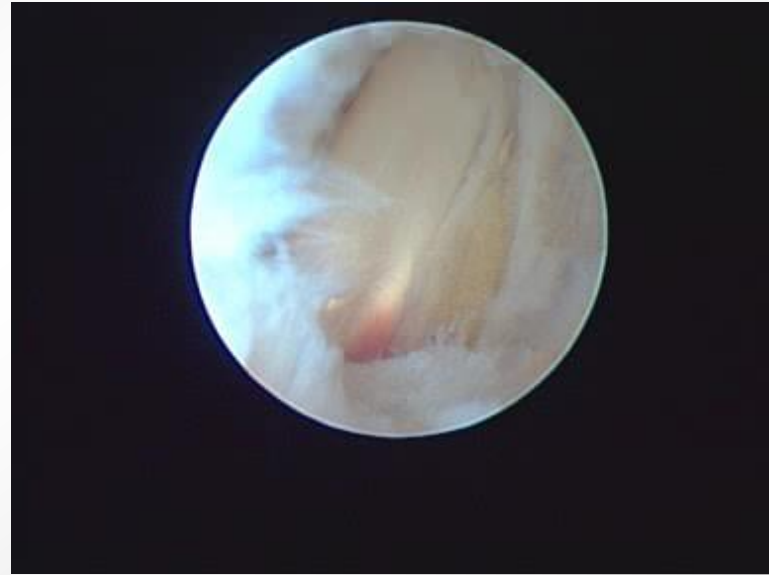
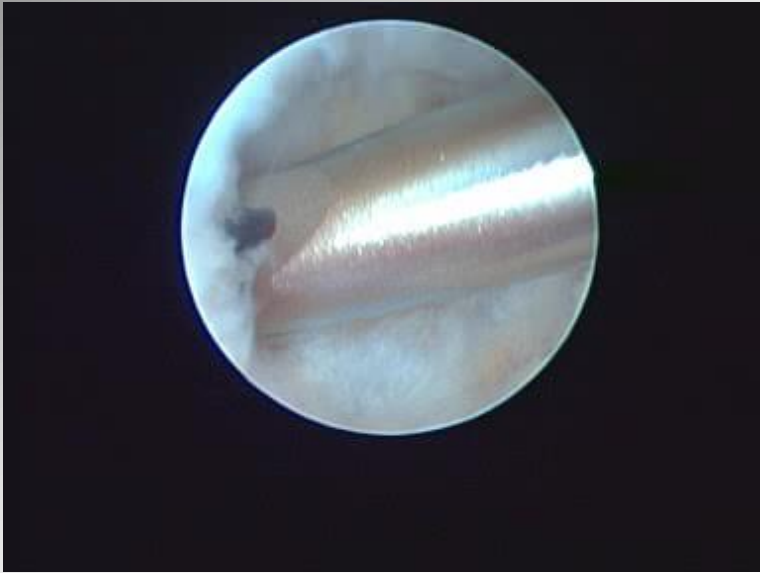
1-2 radio carpal portal for full-radius resector or aggressive cutter



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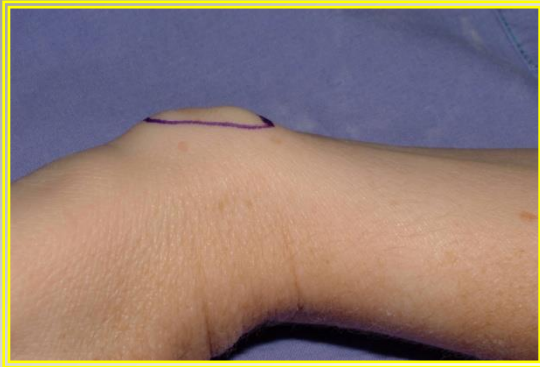


Technique



PALMAR WRIST GANGLIA

Technique

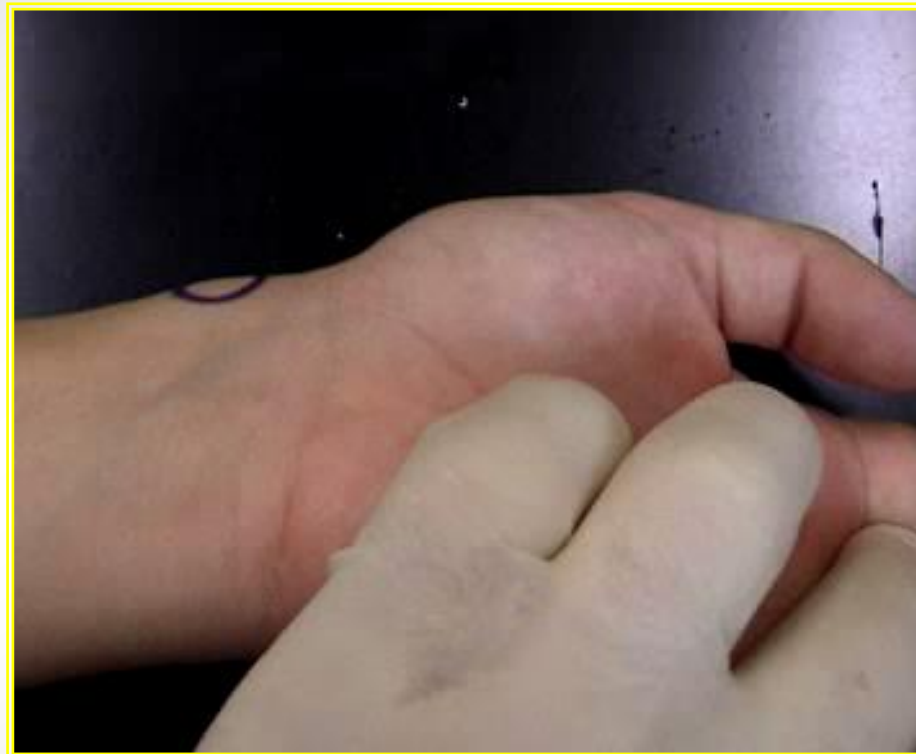


Material

Between 1998-2011 2076 wrist arthroscopies
111 patients (5.34 %)

73 females 28 males

Average age : 41 y.o. (range 18 to 77)



Results

Average Follow-up : 36 m (range 12 to 98)

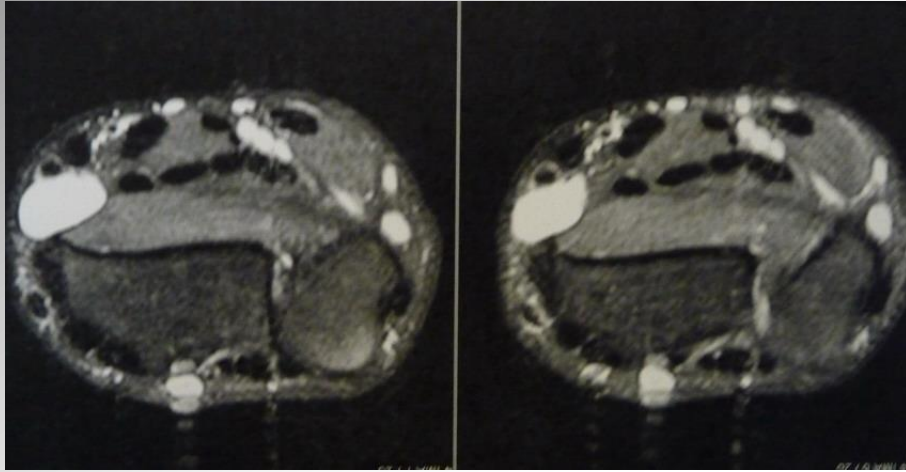
- No pain
- Range of motion normal in all cases
- Strength identical to the opposite side
- 8 recurrences (7.2 %)



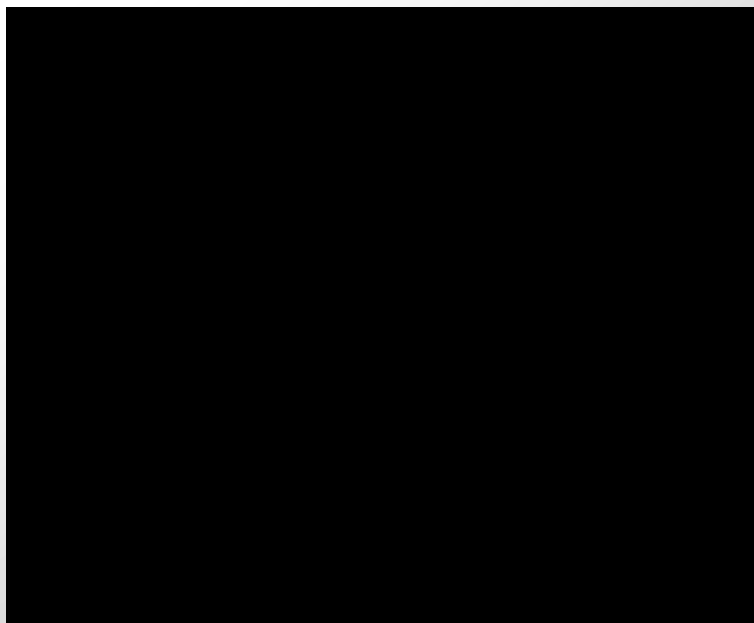
- Minor Haematoma : 2 cases
- One partial median nerve lesion
- No lesions of radial artery



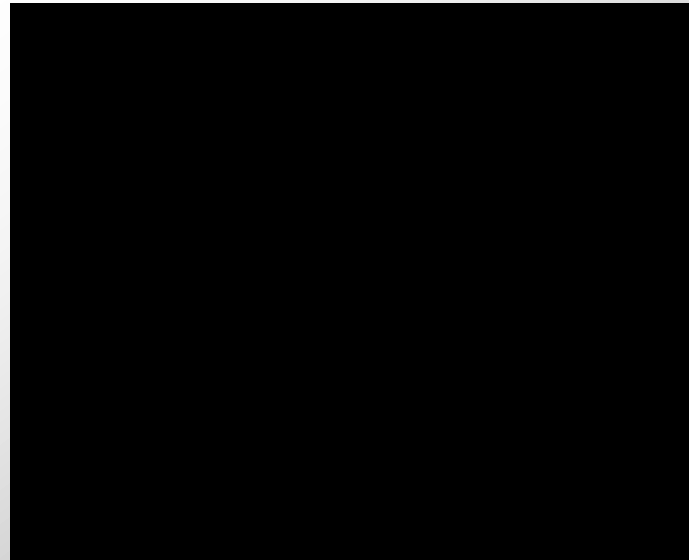
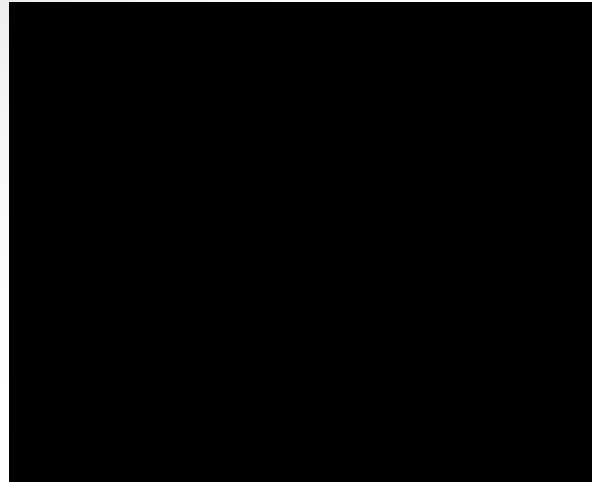
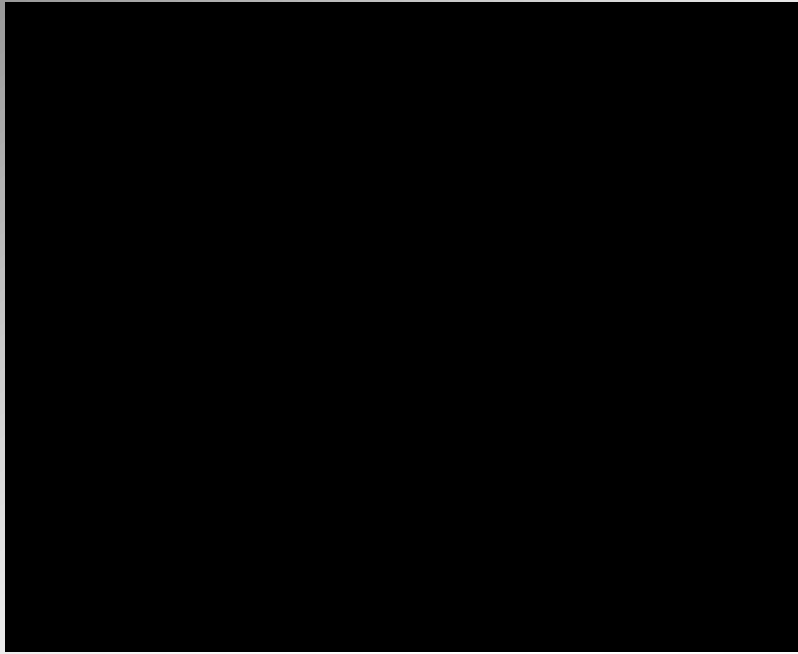
Clinical Case



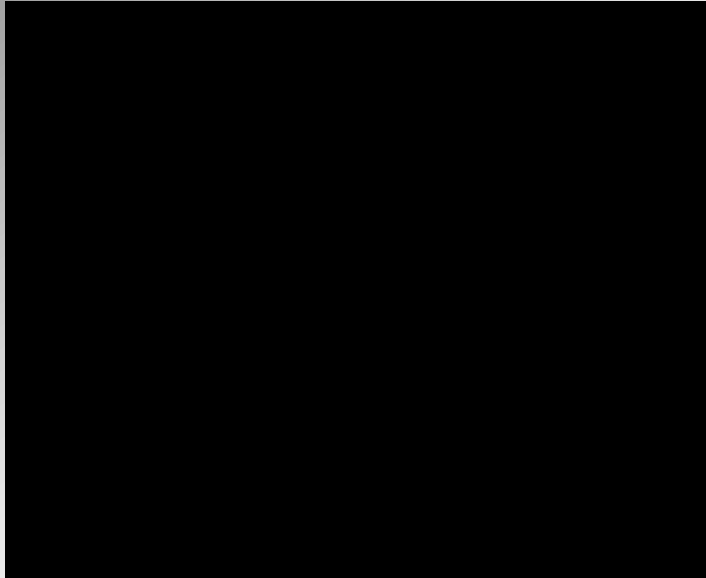
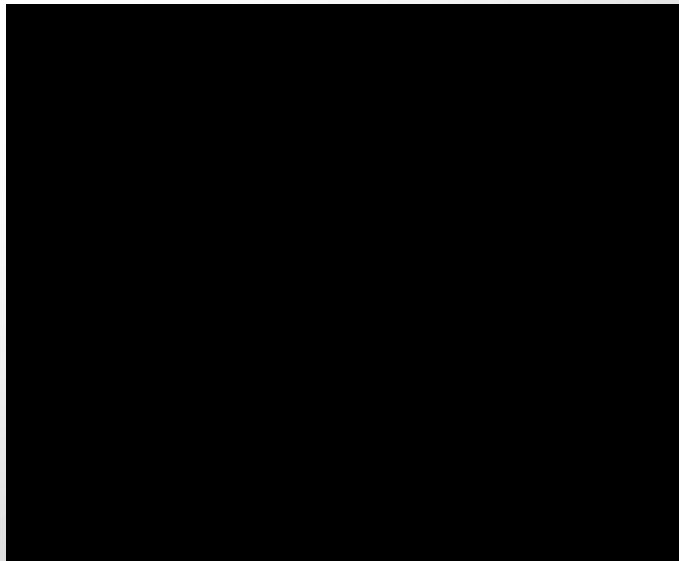
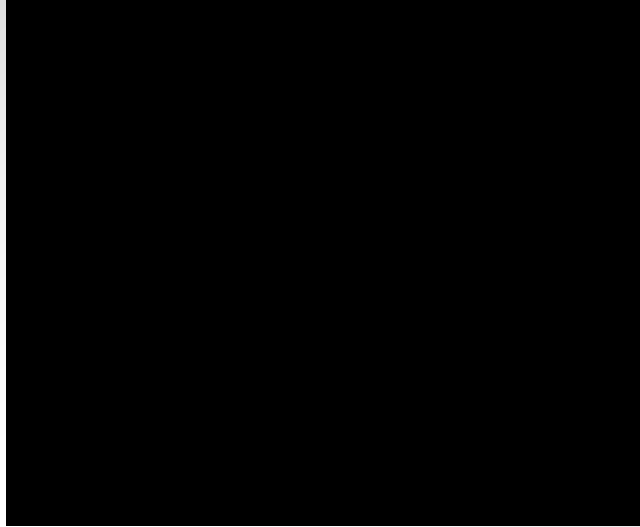
Clinical Case



Clinical Case



Clinical Case



Clinical Case



D + 2 days !!!!



Discussion

Mathoulin 2002 16 cases

PC Ho 2003 6 cases

Mathoulin 2004 32 cases

Perotto 2004 12 cases



Conclusion

Arthroscopic resection of volar wrist ganglia is a reasonable approach for operative treatment.

Arthroscopy is safe and recurrences are equal or less than with the open technique.

A cosmetically scars and maintenance of wrist range of motion are possible.

