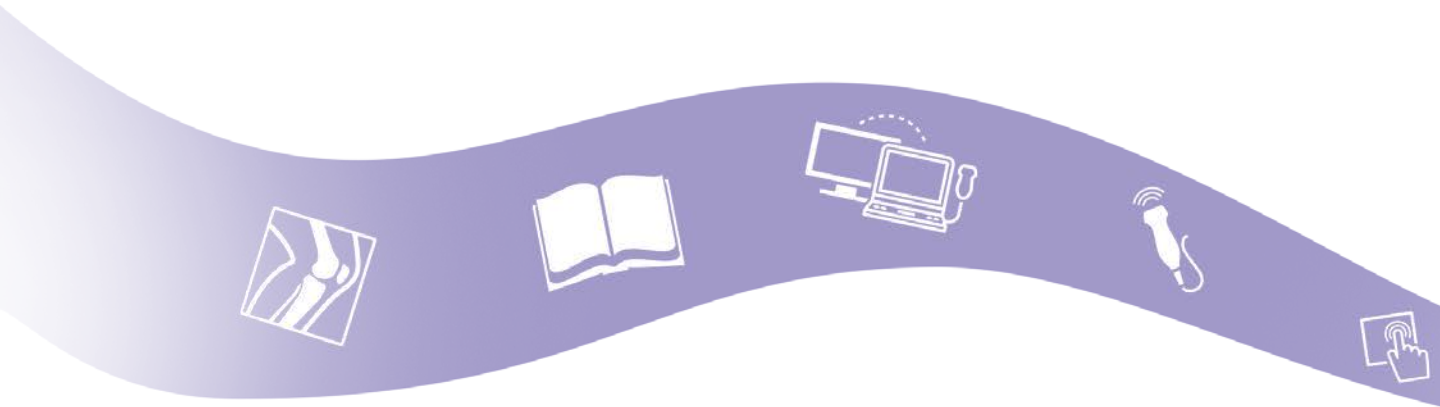


The Practical Fundamentals of Musculoskeletal Ultrasound

Evaluation of Basic Anatomy for Wrist and Hand

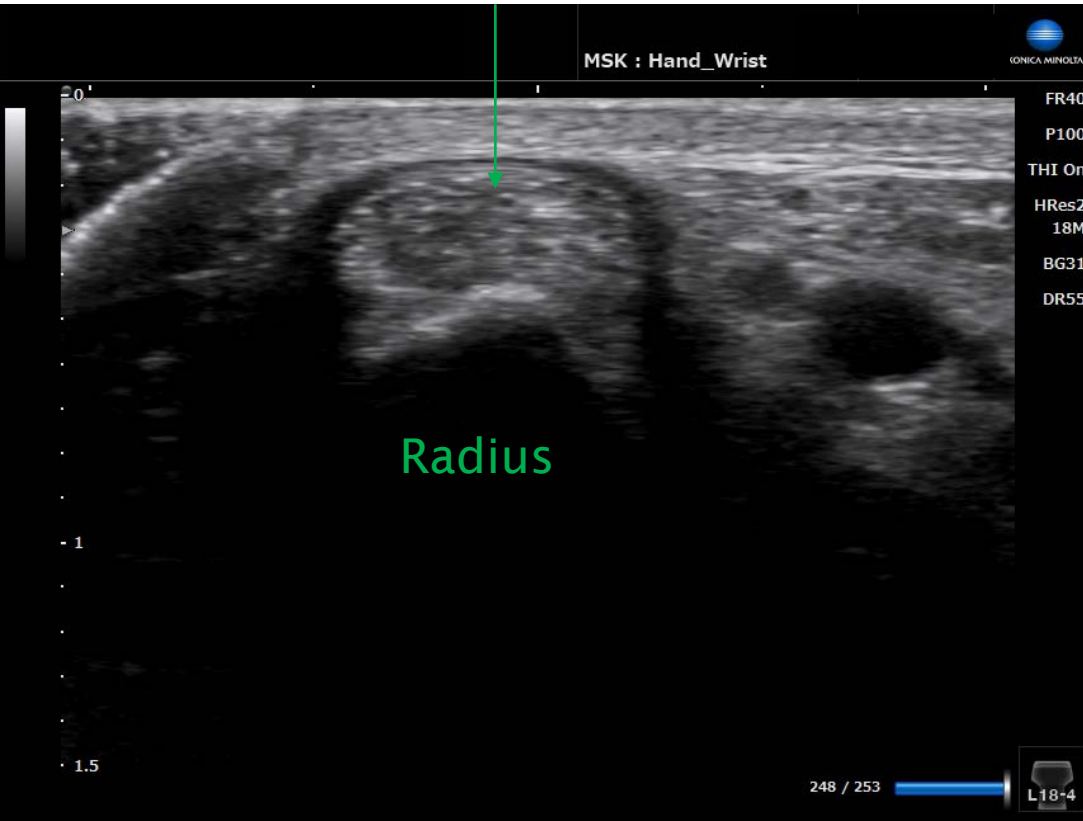


Scanning protocol

- **Compartment 1 – extensor pollicis brevis and abductor pollicis**
- **Compartment 2 – extensor carpi radialis longus and brevis**
- **Compartment 3 – extensor pollicis longus**
- **Compartment 4 – extensor digitorum and scapholunate ligament volar**
- **Compartment 5 – extensor digiti minimi**
- **Compartment 6 – extensor carpi ulnaris**
- **Median nerve, carpal tunnel and dorsal scapholunate ligament**
- **Flexor digitorum profundus, superficialis and A1 pulley**

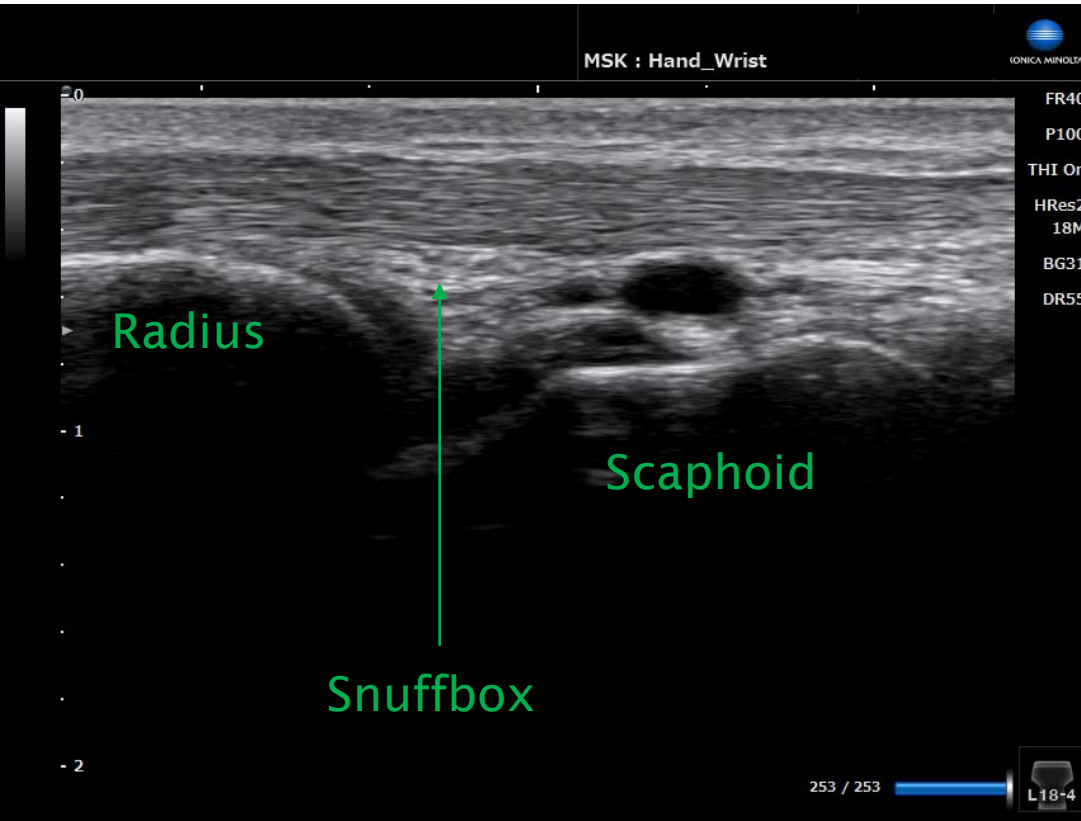
Compartment 1 short axis

Extensor Pollicis Brevis and Abductor Pollicis Longus



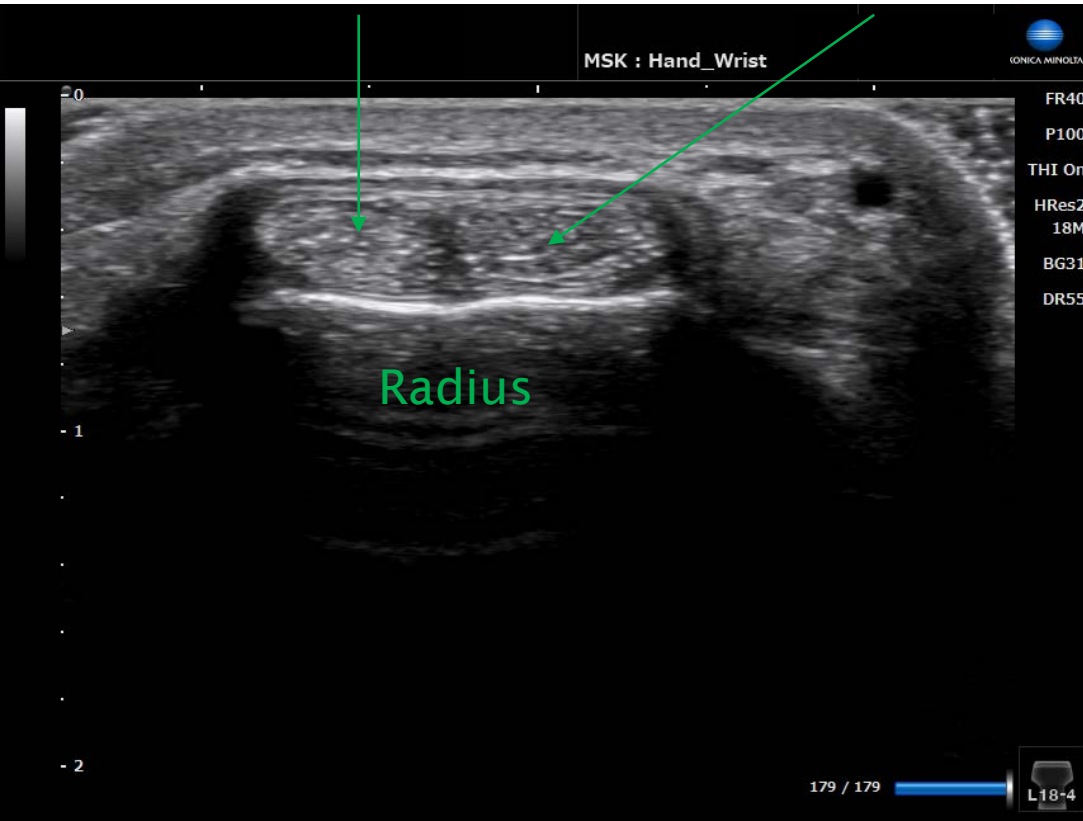
Compartment 1 long axis

Extensor Pollicis Brevis and Abductor Pollicis Longus



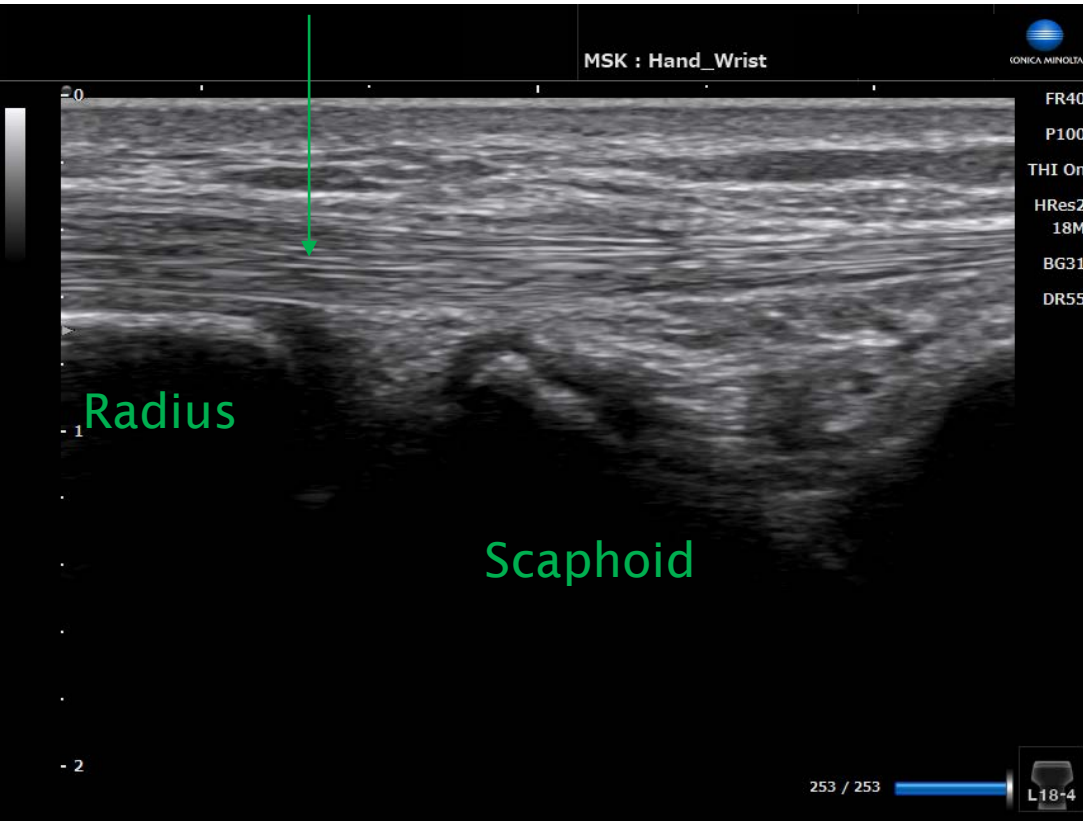
Compartment 2 short axis

Extensor Carpi Radialis Brevis Extensor Carpi Radialis Longus



Compartment 2 long axis

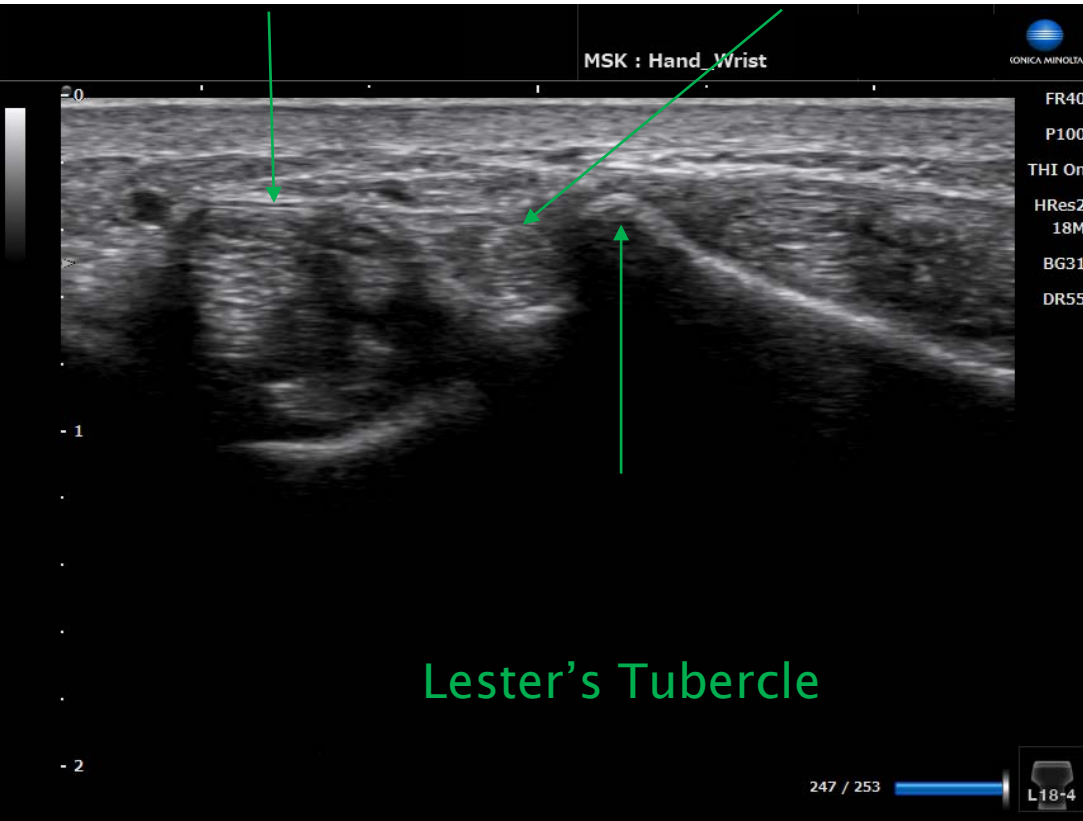
Extensor Carpi Radialis Brevis



Compartment 3 short axis

Extensor Digitorum

Extensor Pollicis Longus



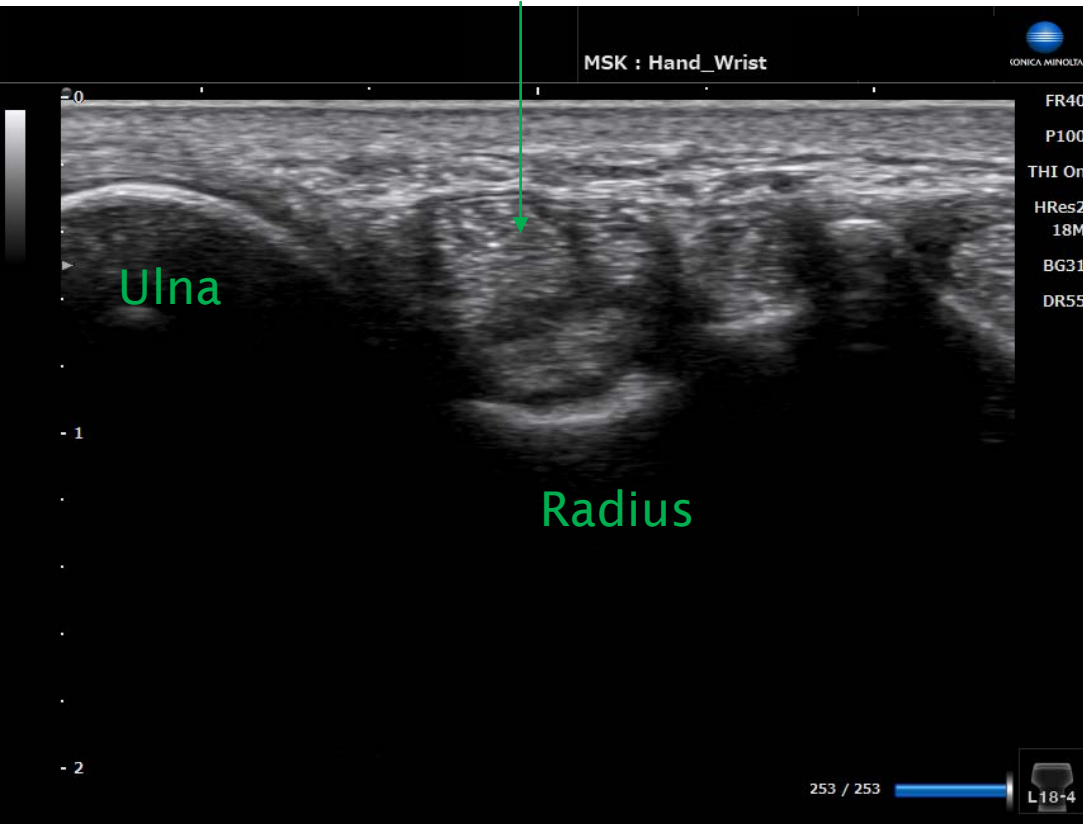
Compartment 3 long axis

Crosses Over Compartment 2 In The Joint Space



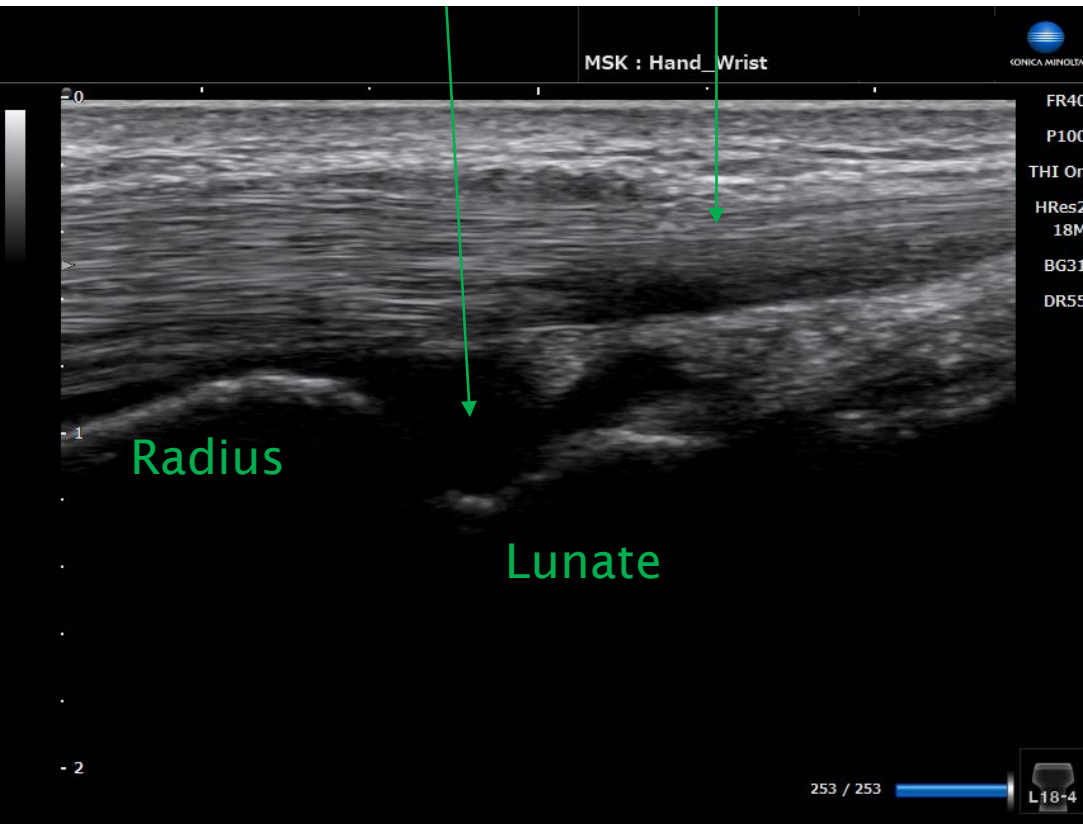
Compartment 4 short axis

Extensor Digitorum



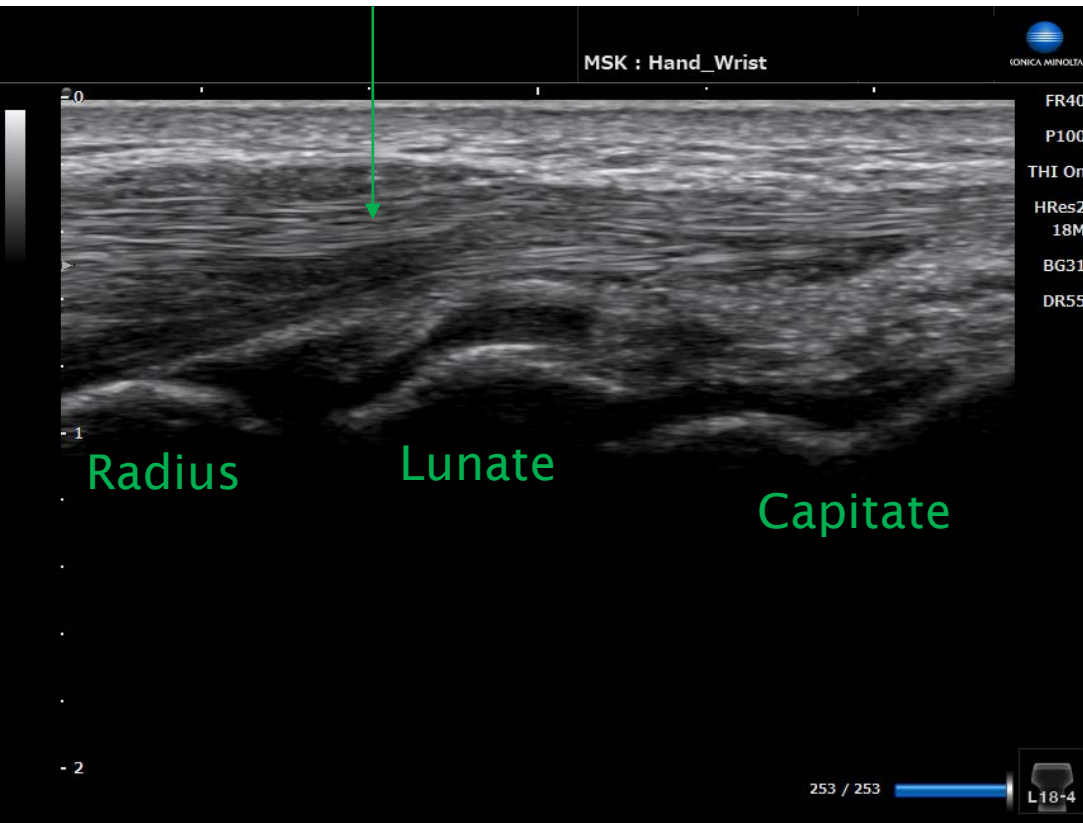
Compartment 4 long axis

Joint Fluid Extensor Digitorum



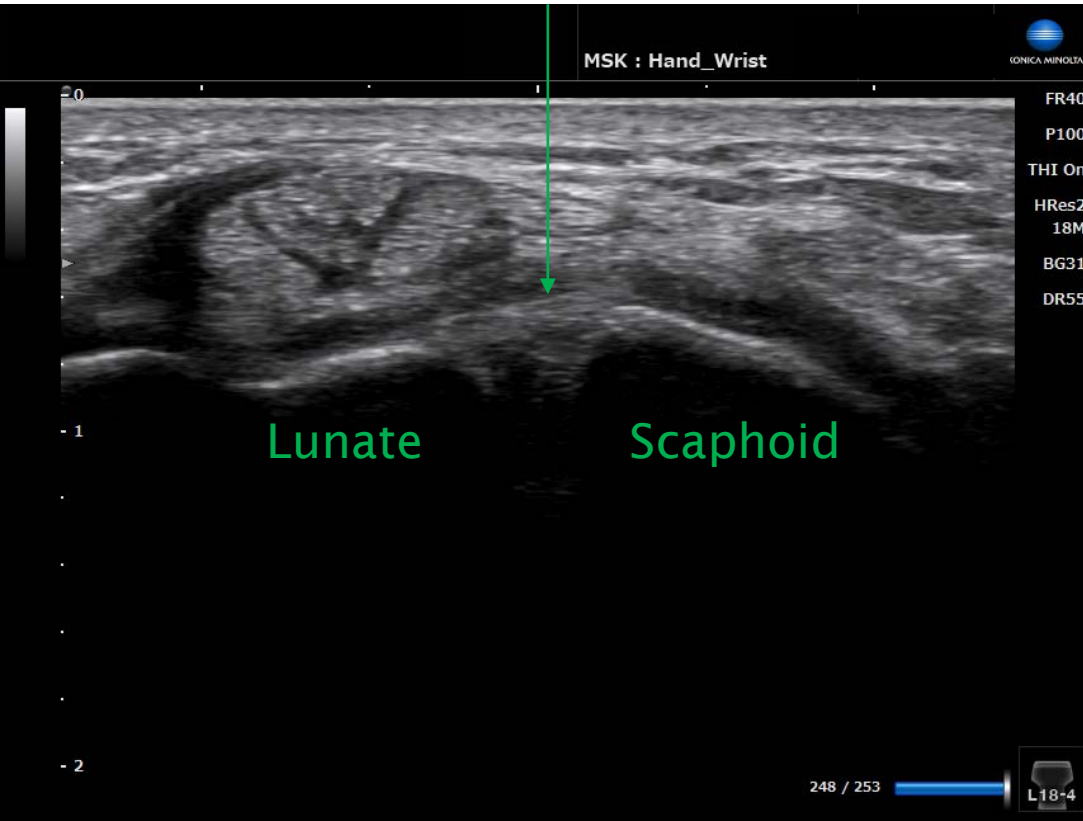
Compartment 4 long axis

Extensor Digitorum



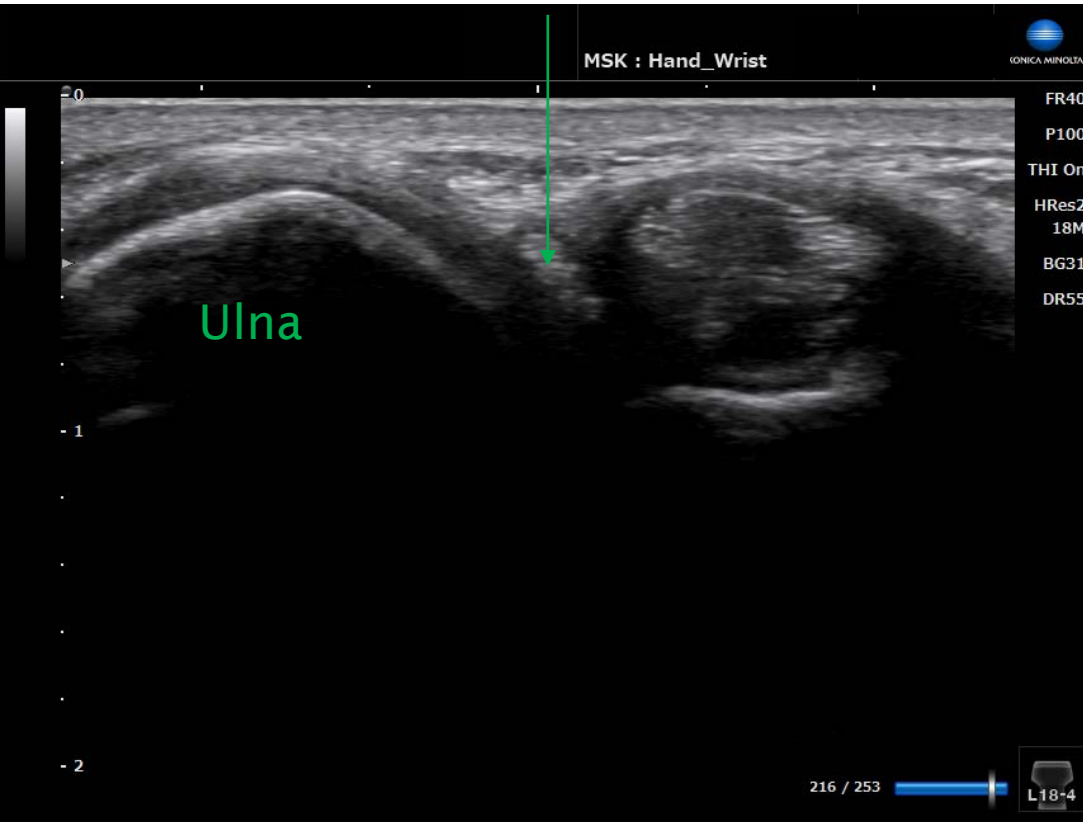
Compartment 4 short axis and scapholunate ligament volar

Scapholunate Ligament



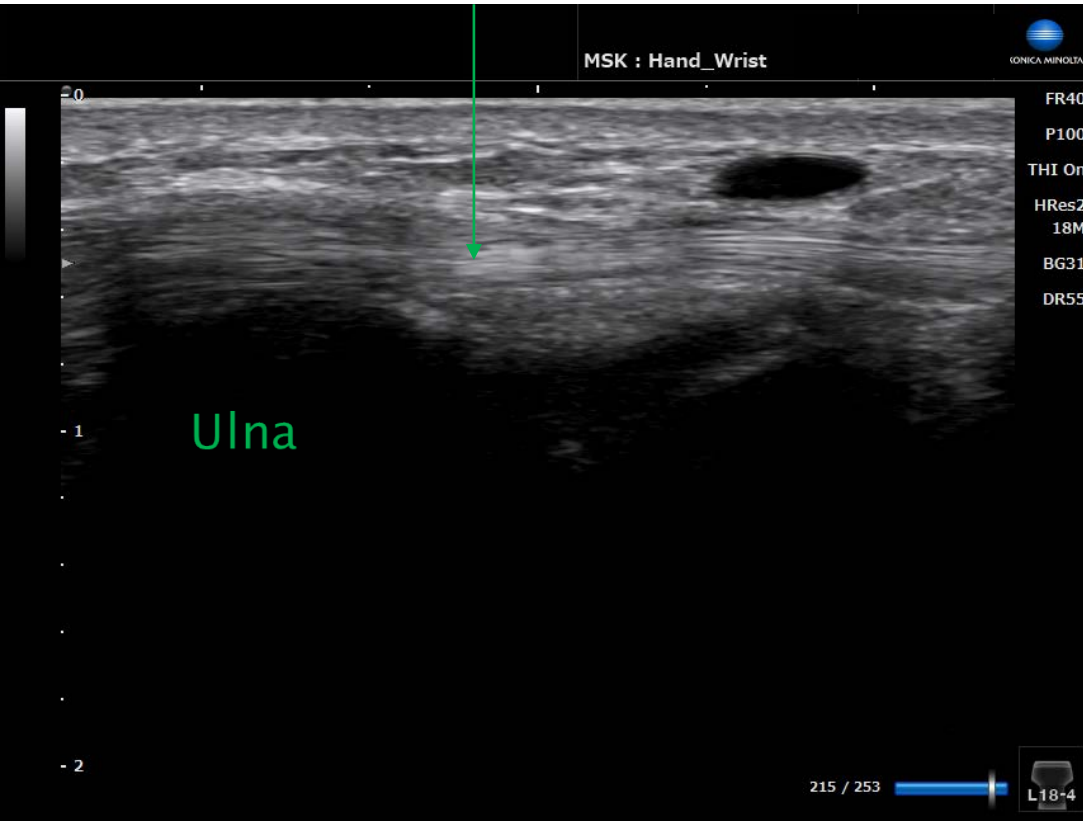
Compartment 5 short axis

Extensor Digiti Minimi



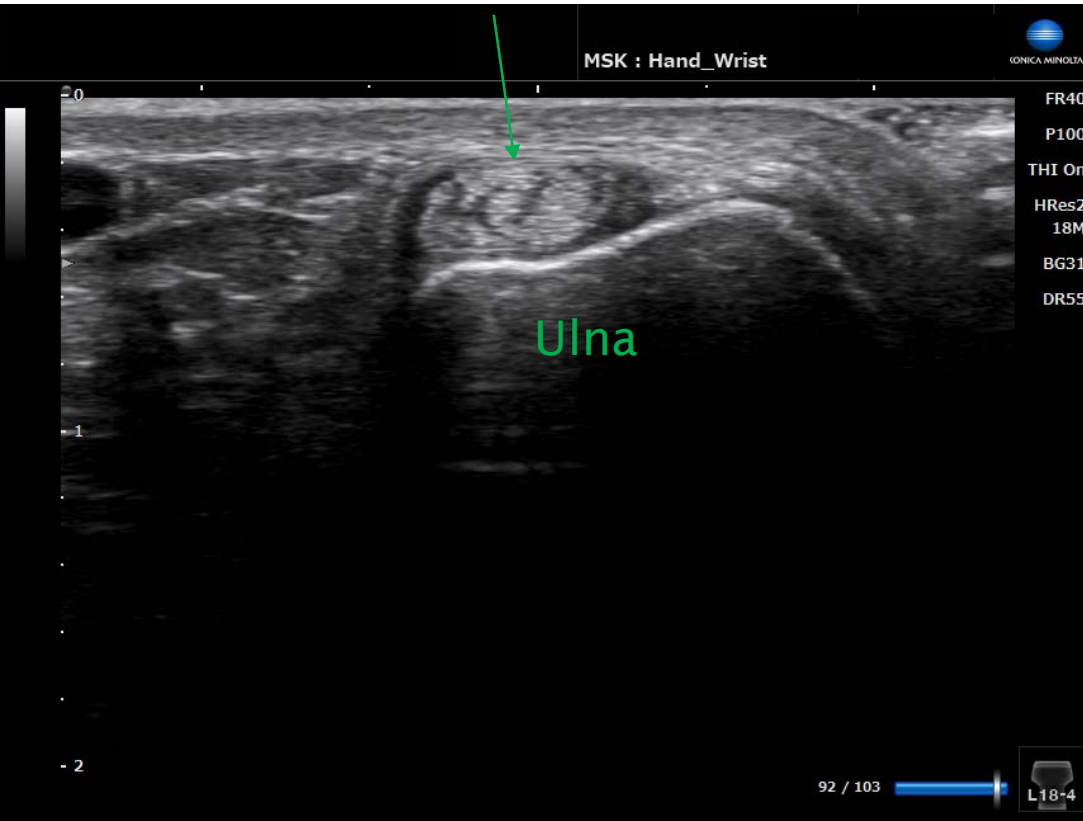
Compartment 5 long axis

Extensor Digiti Minimi



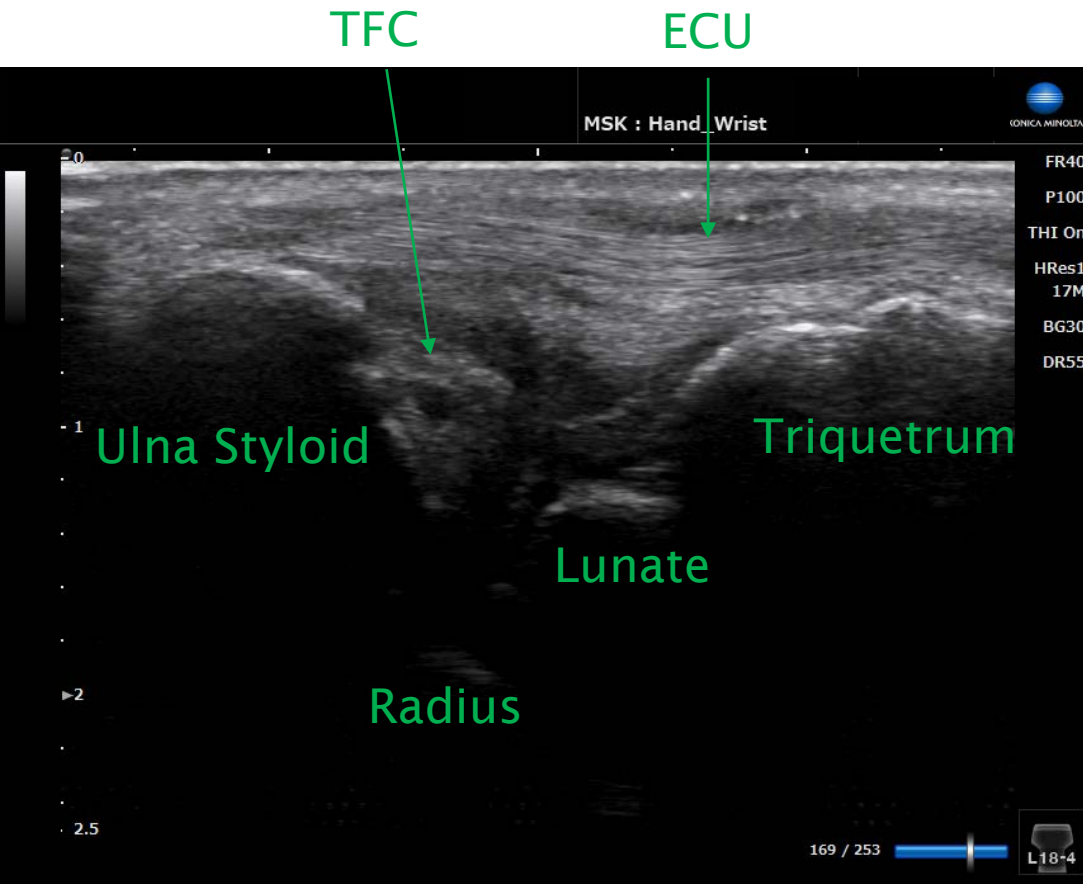
Compartment 6 short axis

Extensor Carpi Ulnaris (ECU)



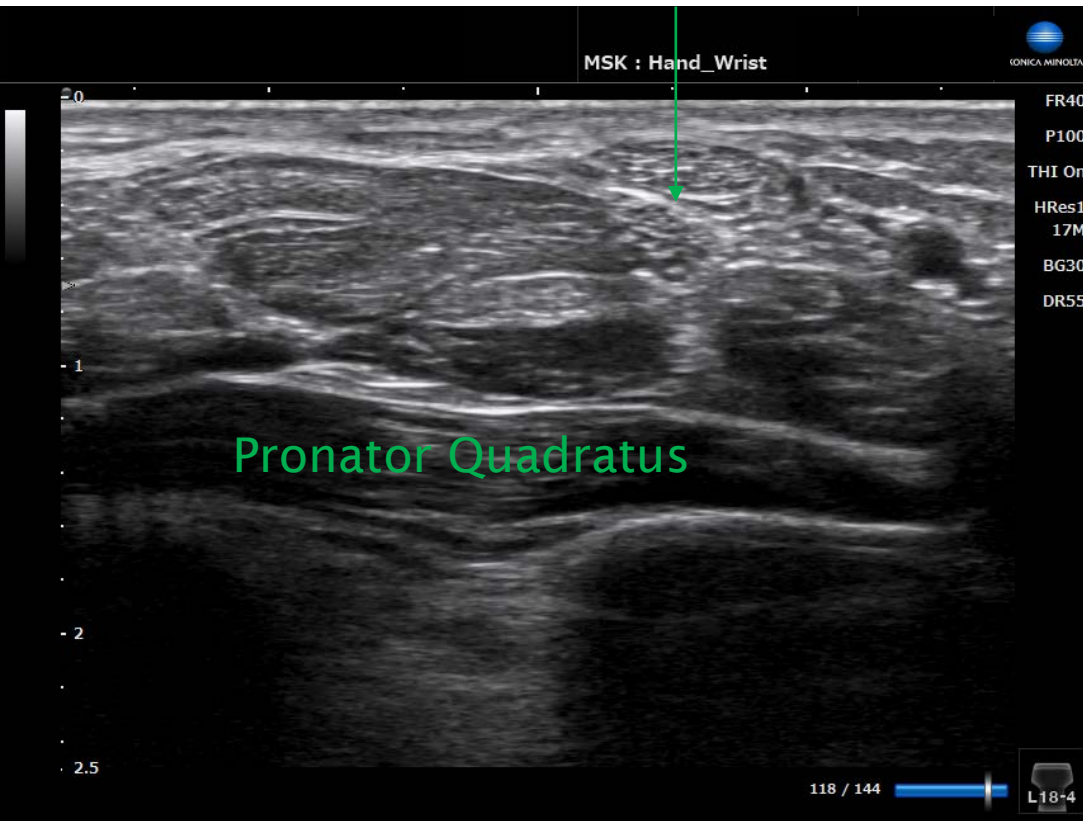


Compartment 6 long axis and triangular fibrocartilage complex (TFCC)



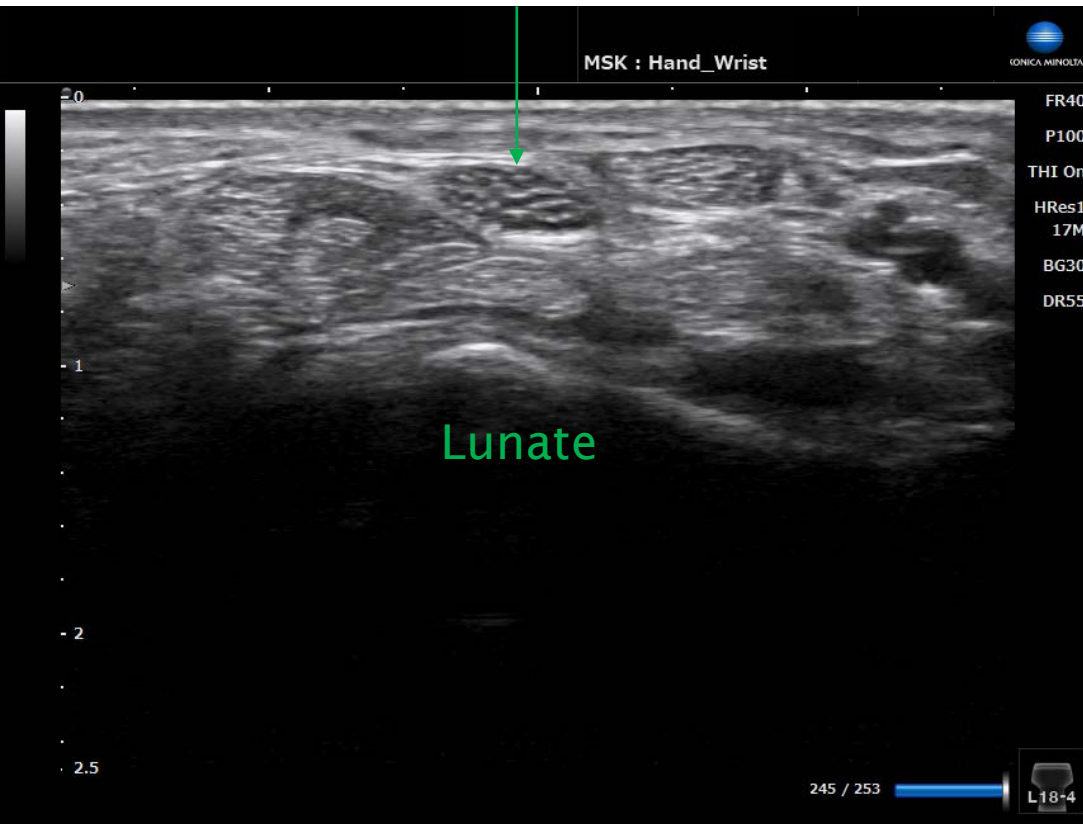
Dorsal median nerve

Median Nerve



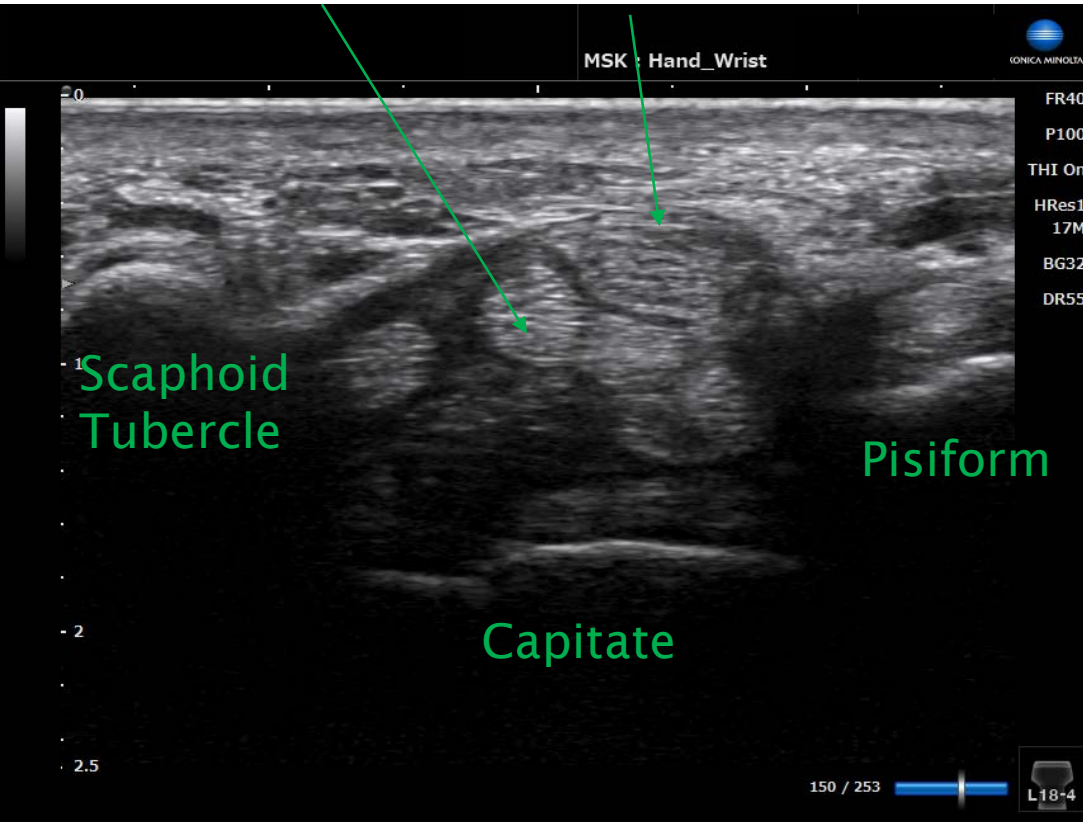
Median nerve at level of lunate

Median nerve



Median nerve at carpal tunnel

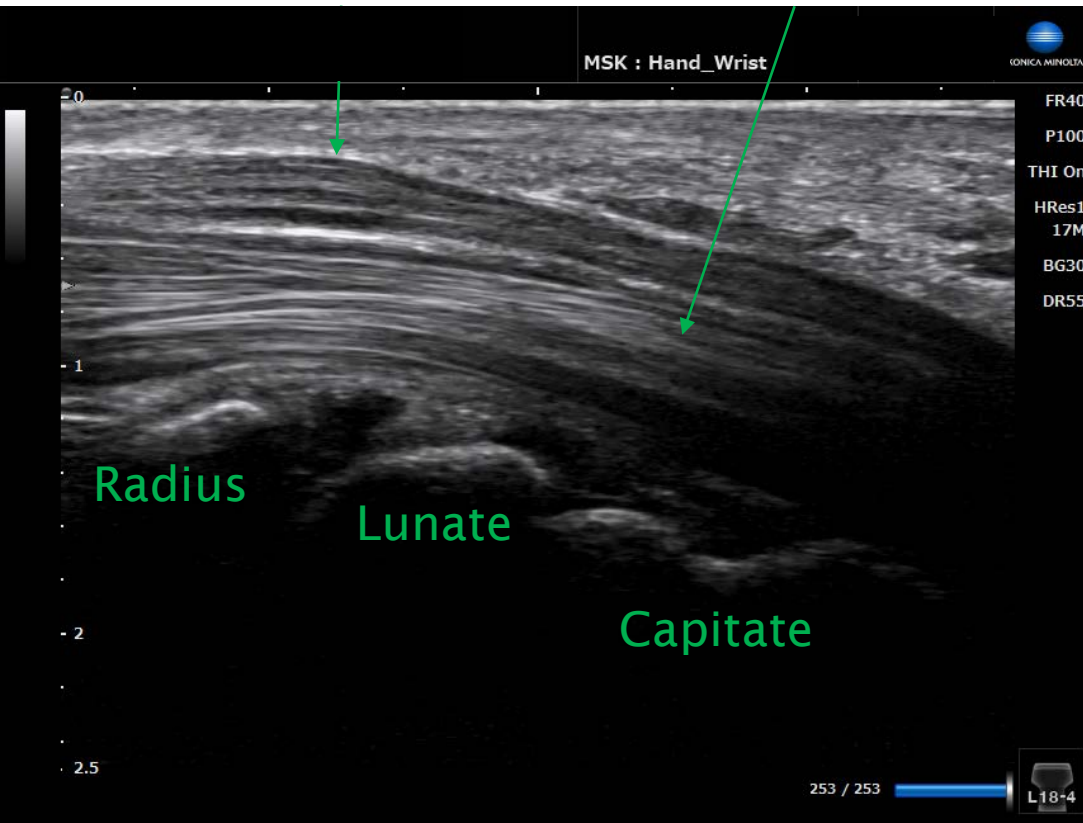
Flexor Tendons Median Nerve



Median nerve long axis

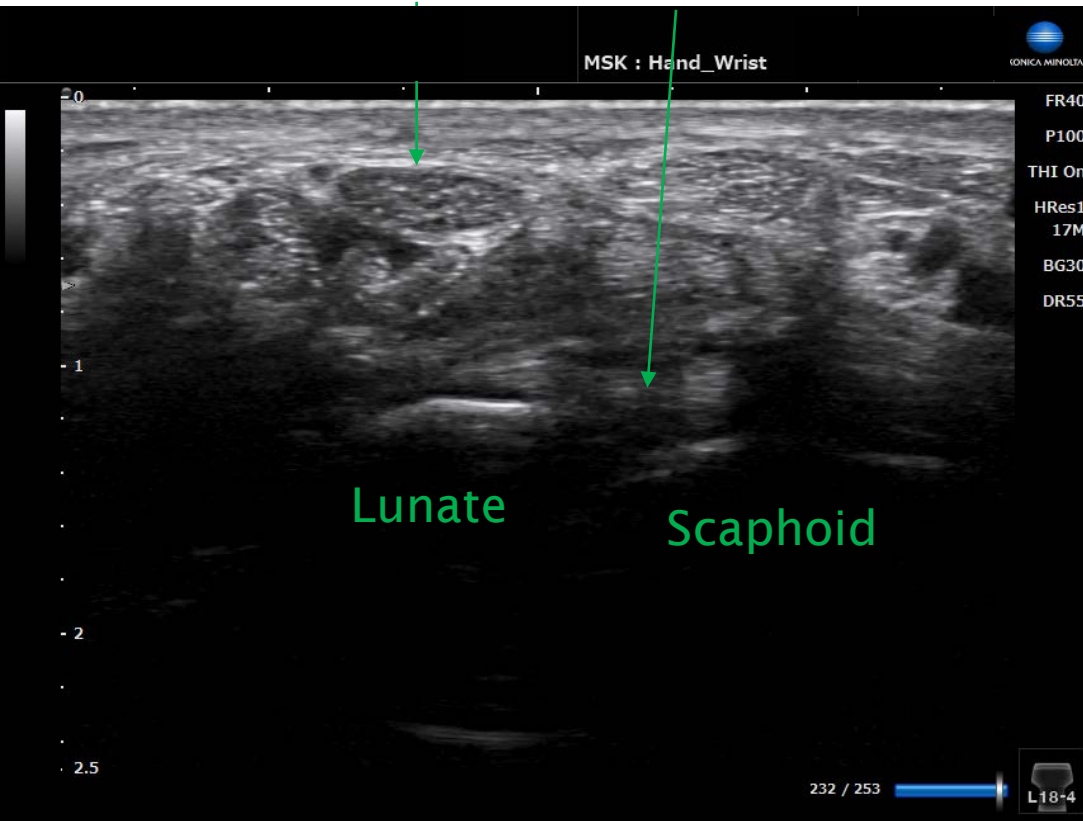
Median Nerve

Flexor Tendons



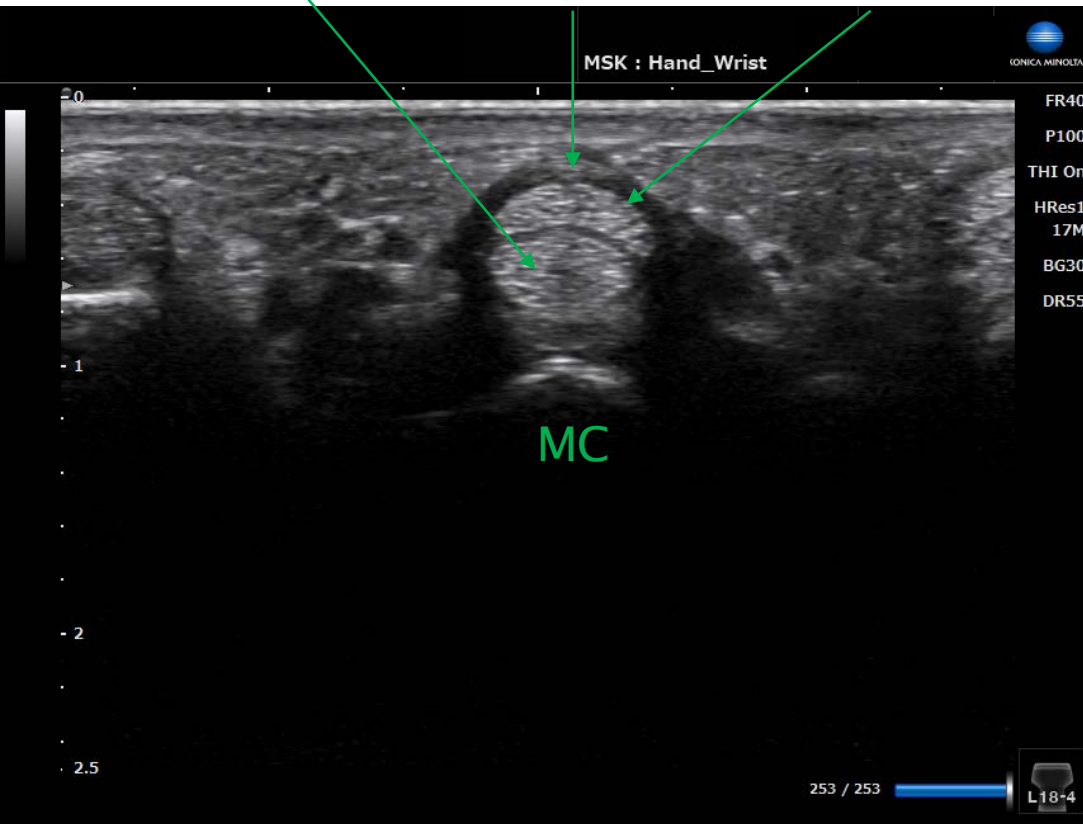
Volar scapholunate ligament (SLL)

Median Nerve SLL



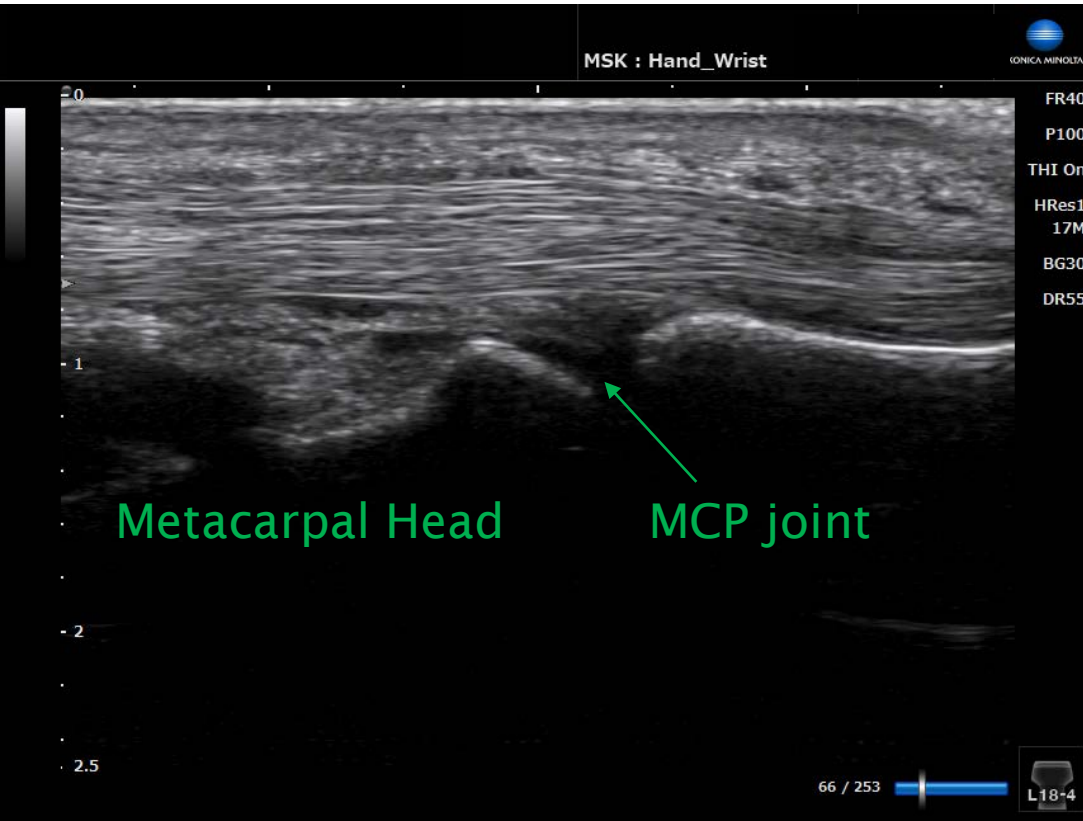
A1 pulley, flexor digitorum - profundus and superficialis

Profundus A1 pulley Superficialis



A1 pulley long axis MCP joint

Flexor Digitorum- Profundus and Superficialis



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