

The Practical Fundamentals of Musculoskeletal Ultrasound

Evaluation of Basic Anatomy for Elbow



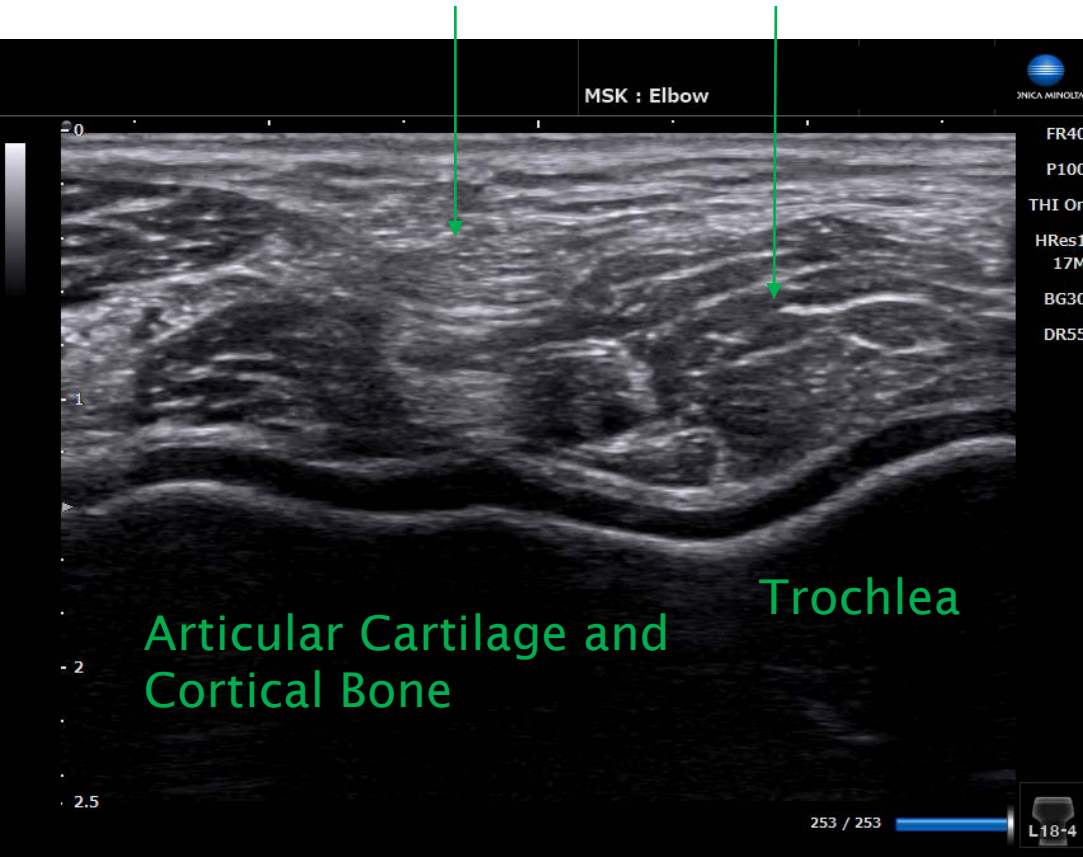
Scanning protocol for elbow

- **Biceps brachii tendon**
- **Brachialis muscle**
- **Radial nerves, brachioradialis**
- **Median nerve and pronator teres**
- **Anterior joint long axis**
- **Common flexor tendons**
- **Ulnar nerve**
- **Common extensor tendons**
- **Triceps brachii**

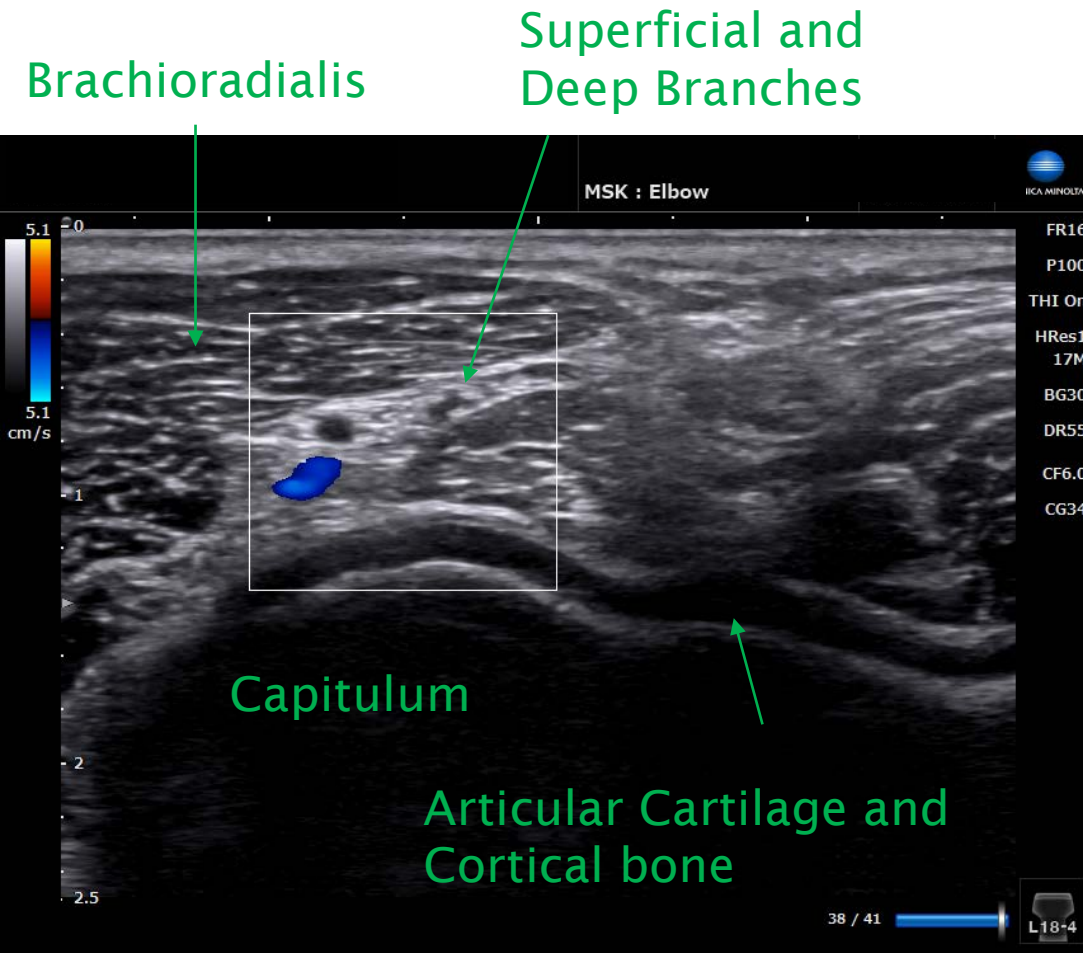


Anterior: Brachialis, biceps tendon, and joint

Biceps Brachii Tendon Brachialis Muscle

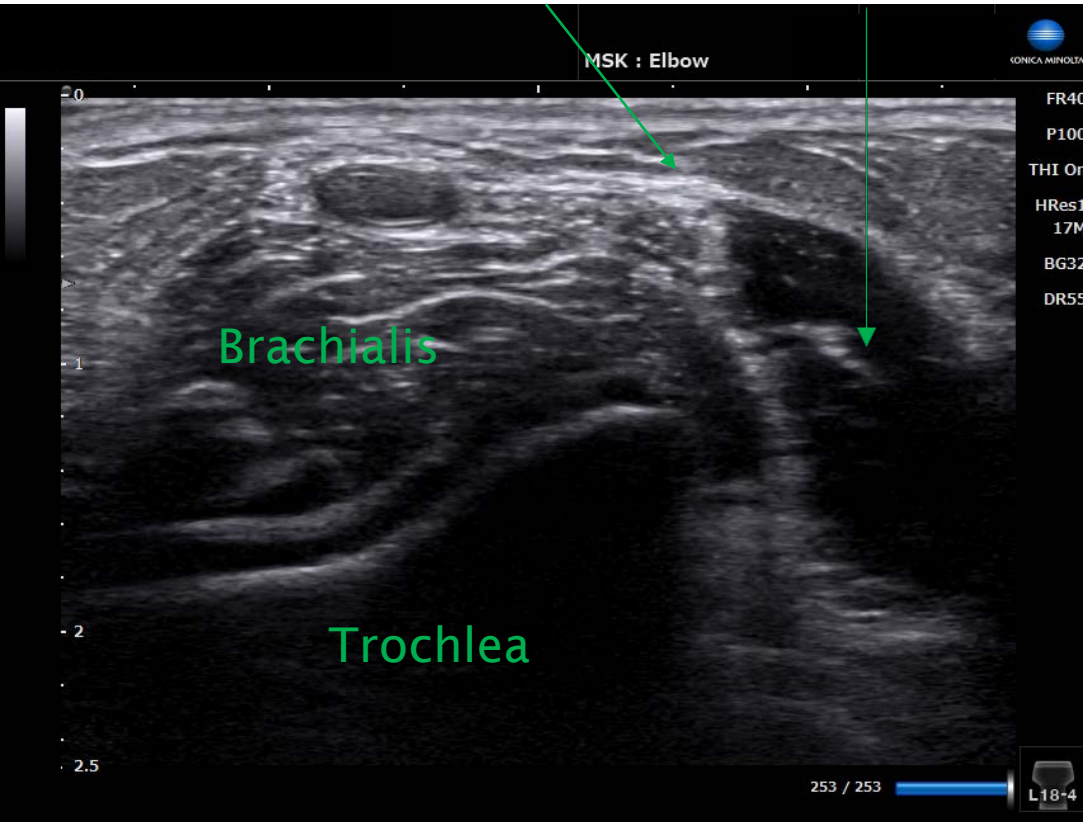


Anterior: Radial nerves, brachioradialis



Anterior: Median nerve and pronator teres

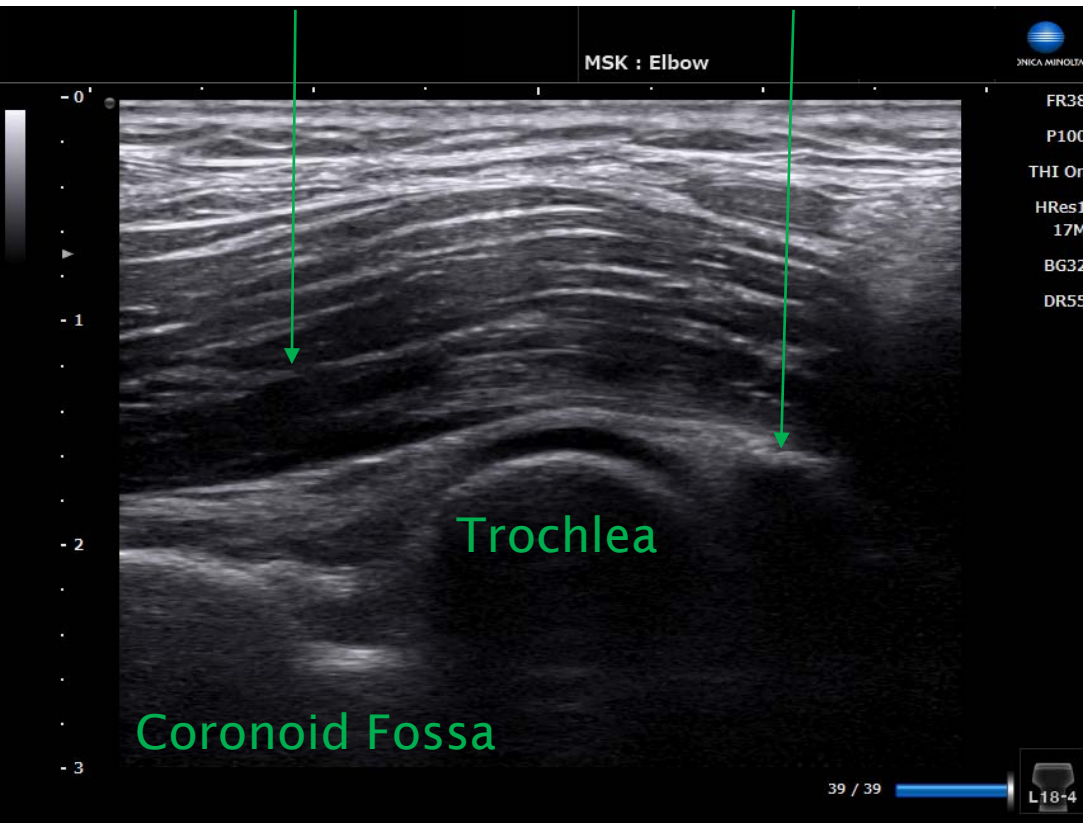
Median Nerve Pronator Teres



Anterior: Ulnar – long axis

Brachialis

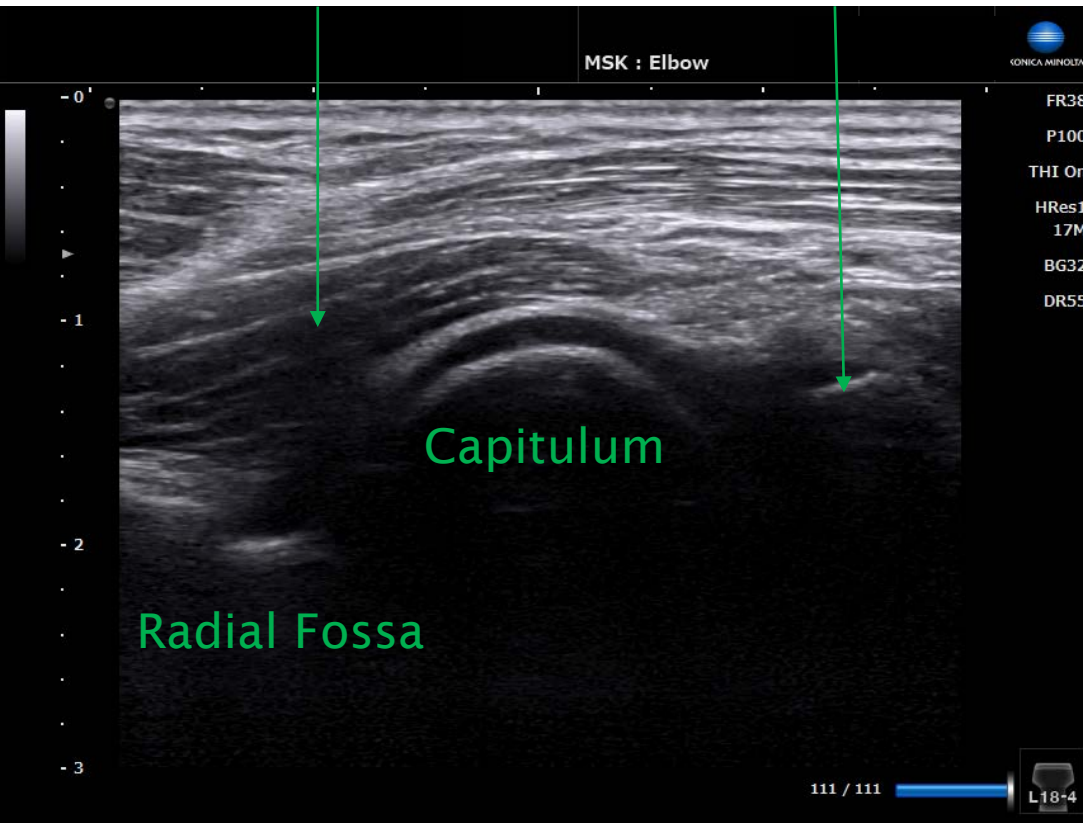
Coronoid Process



Anterior: Radial – long axis

Brachialis

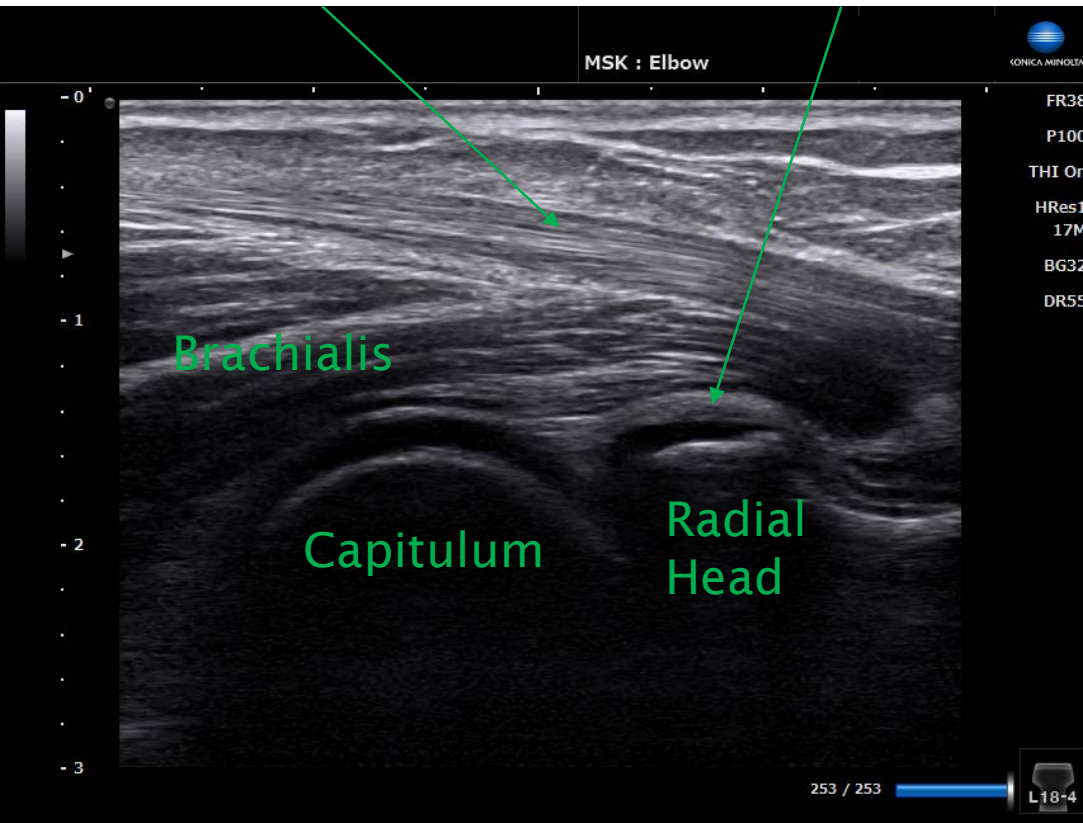
Radial Head



Anterior: Biceps tendon – long axis

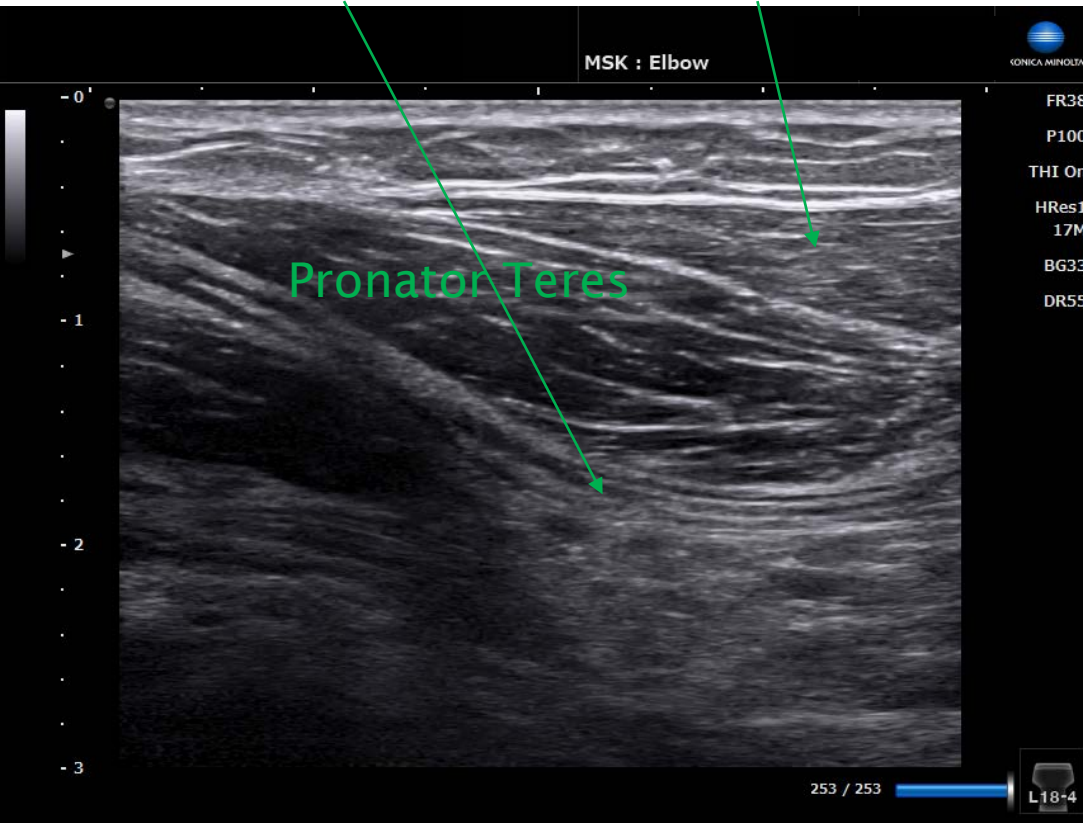
Biceps Tendon

Annular Ligament



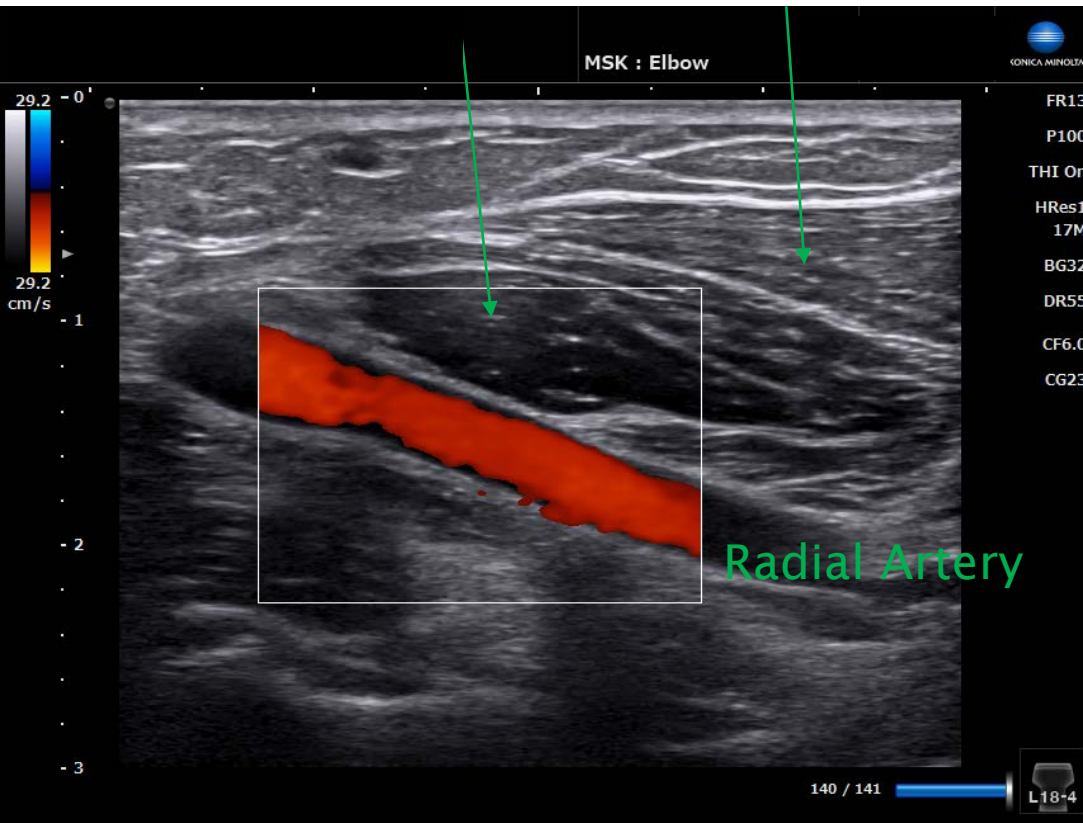
Anterior: Median nerve – long axis

Median Nerve Flexor Carpi Radialis



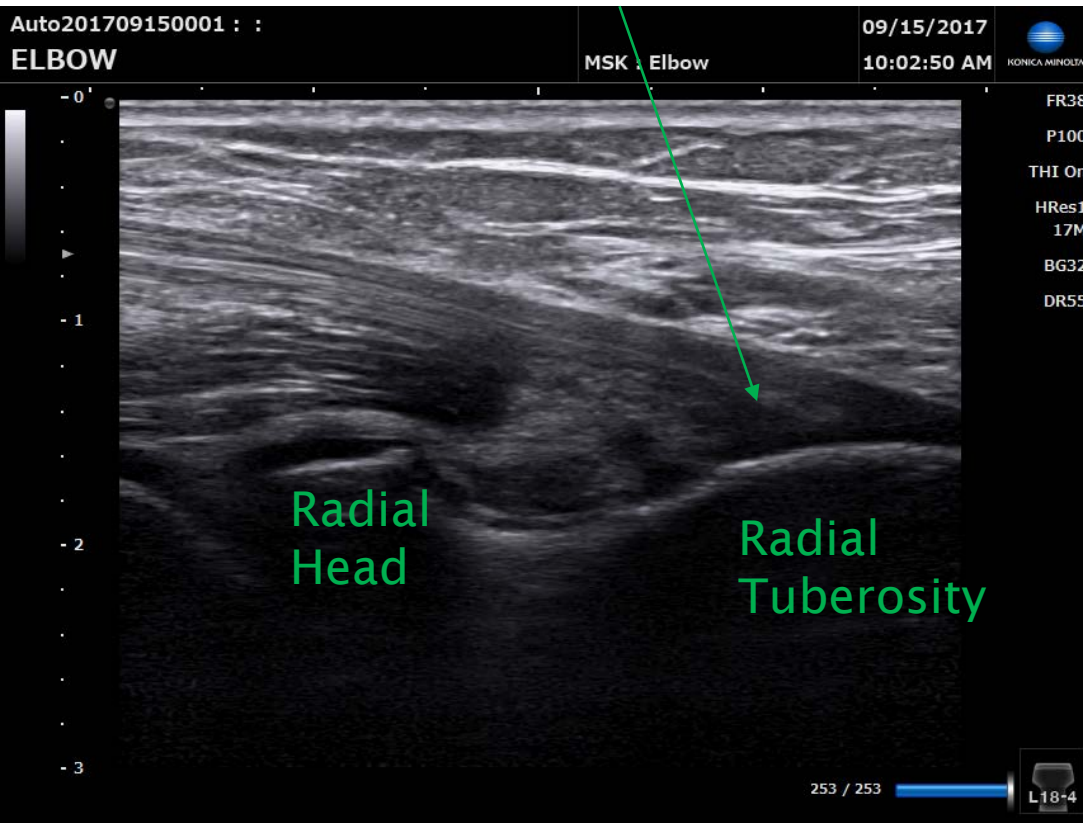
Anterior: Radial artery – long axis

Pronator Teres Flexor Carpi Radialis



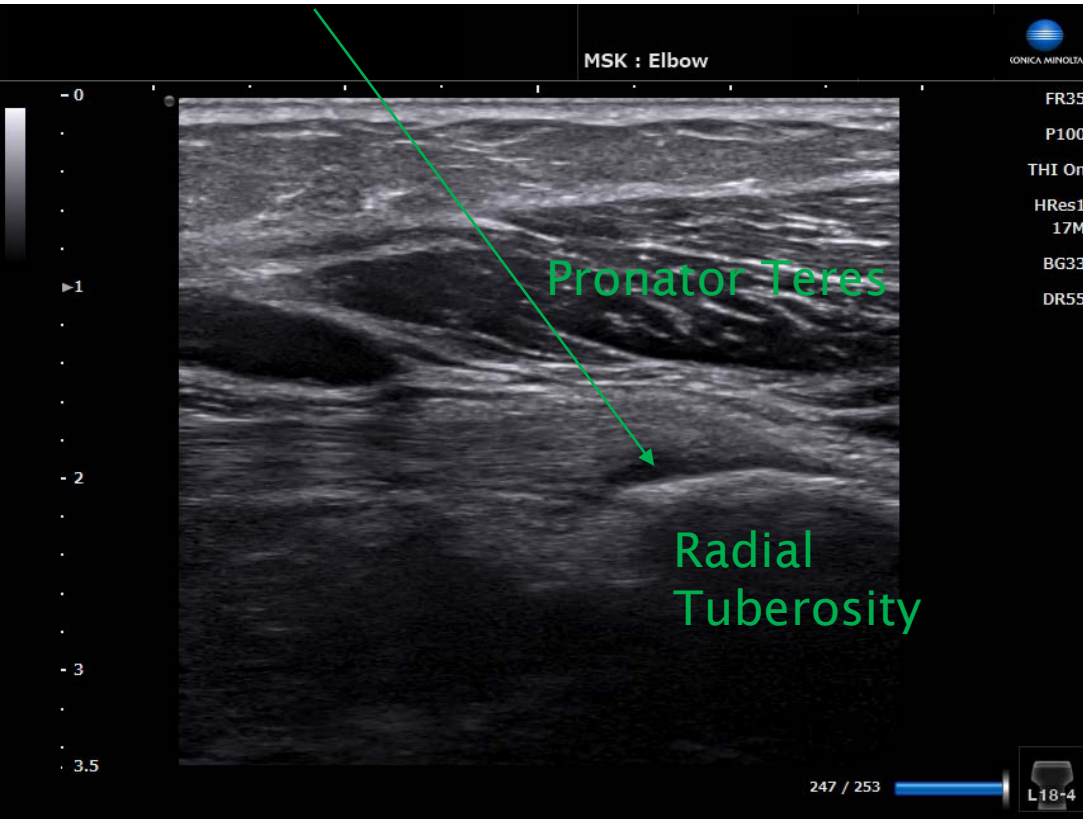
Anterior: Biceps tendon – long axis

Biceps Tendon Insertion at Radial Tuberosity



Anterior: Biceps tendon insertion is lateral to artery – long axis

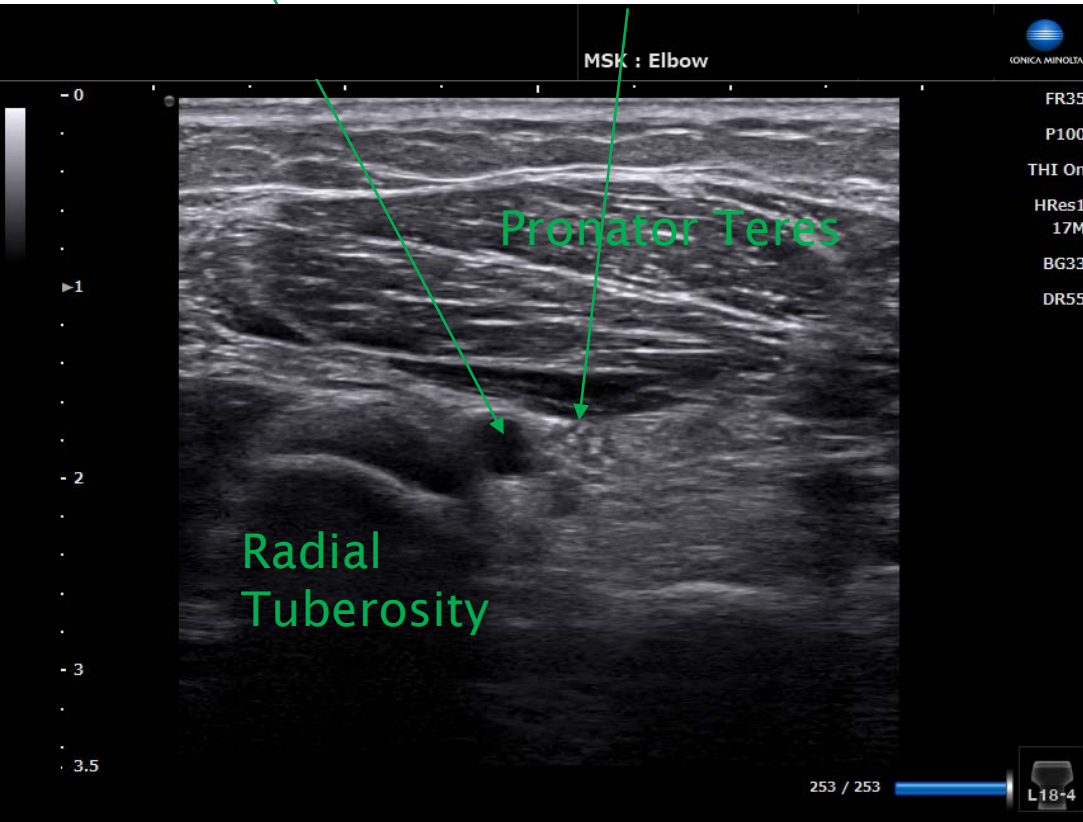
Biceps Tendon Insertion at Radial Tuberosity



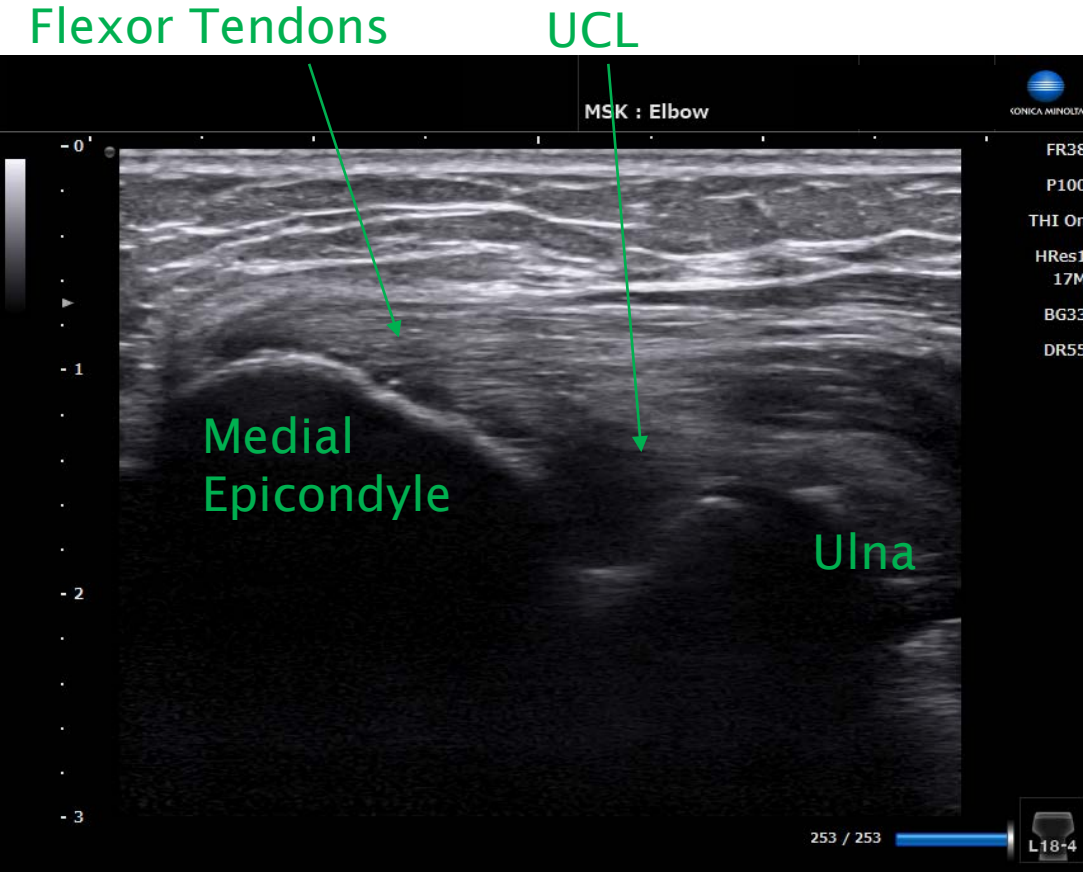
Anterior: Biceps tendon insertion is lateral to artery – short axis

Radial Artery

Median Nerve

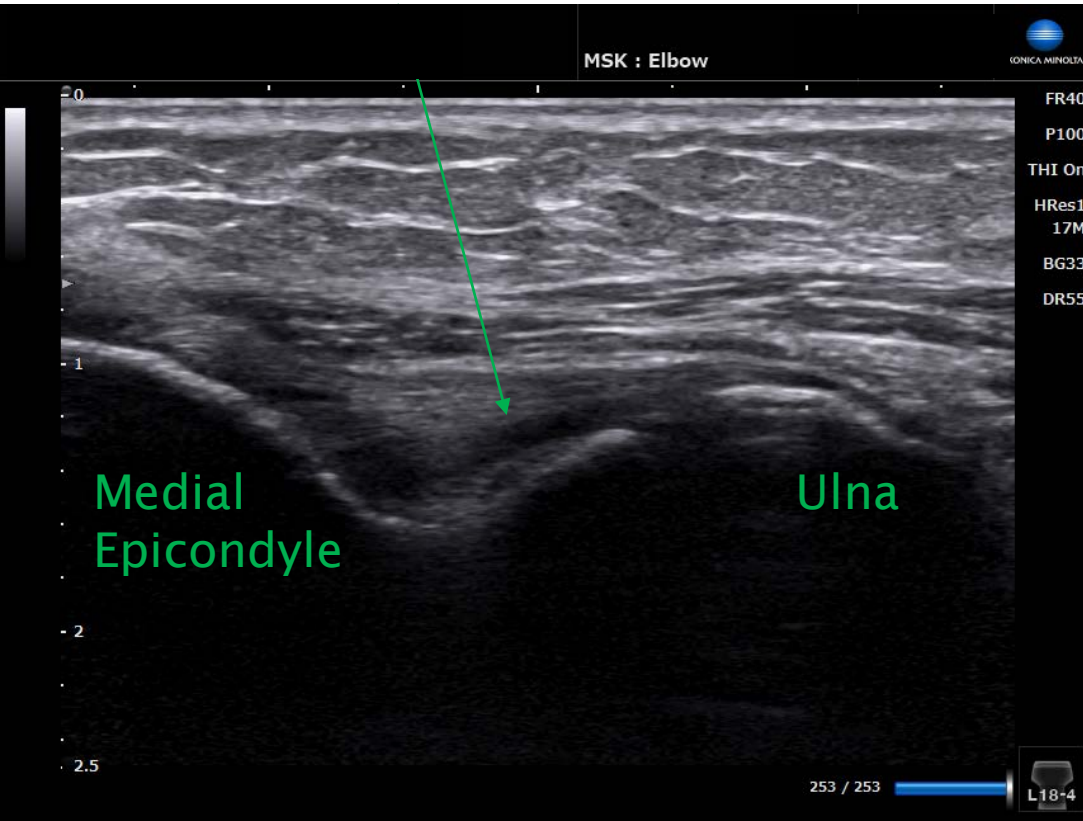


Medial: Common flexor tendons – long axis

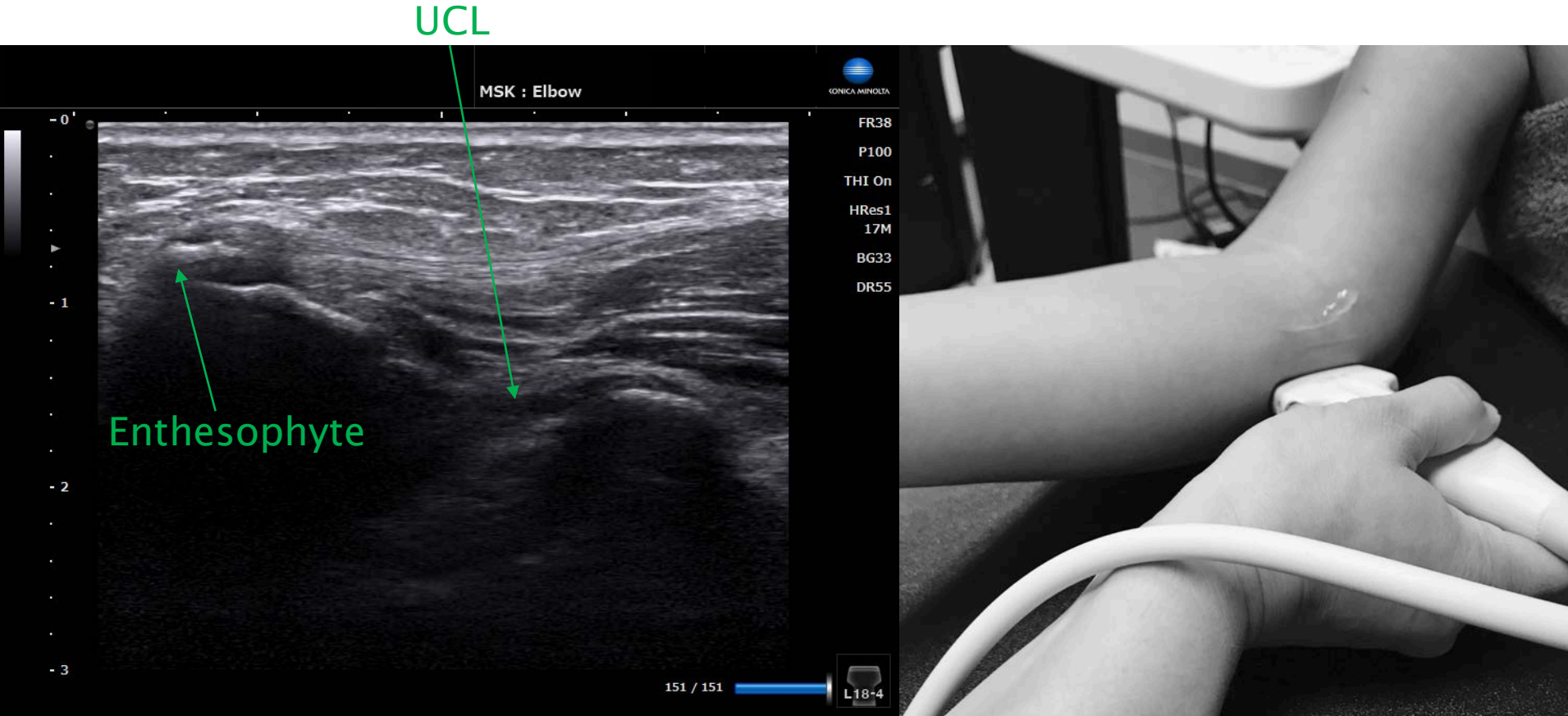


Medial: Ulnar collateral ligament – long axis

UCL



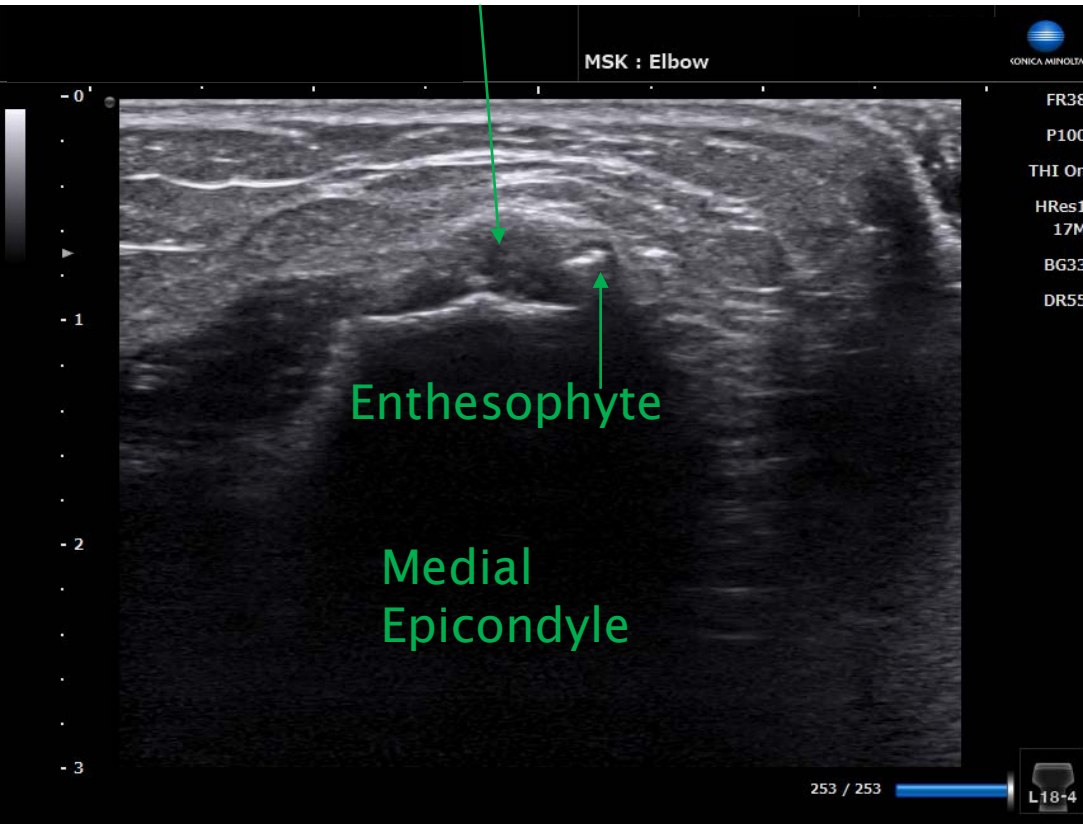
Medial: Common flexor tendons long axis





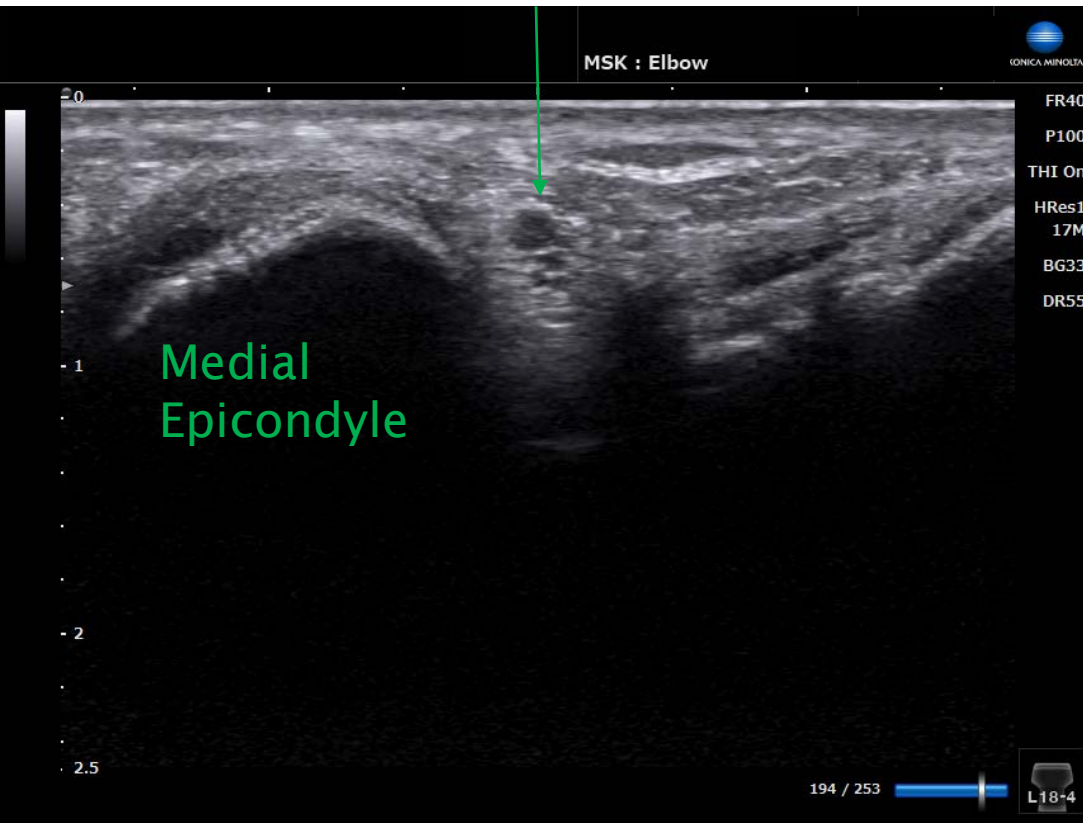
Medial: Common flexor tendons short axis

Flexor Tendons



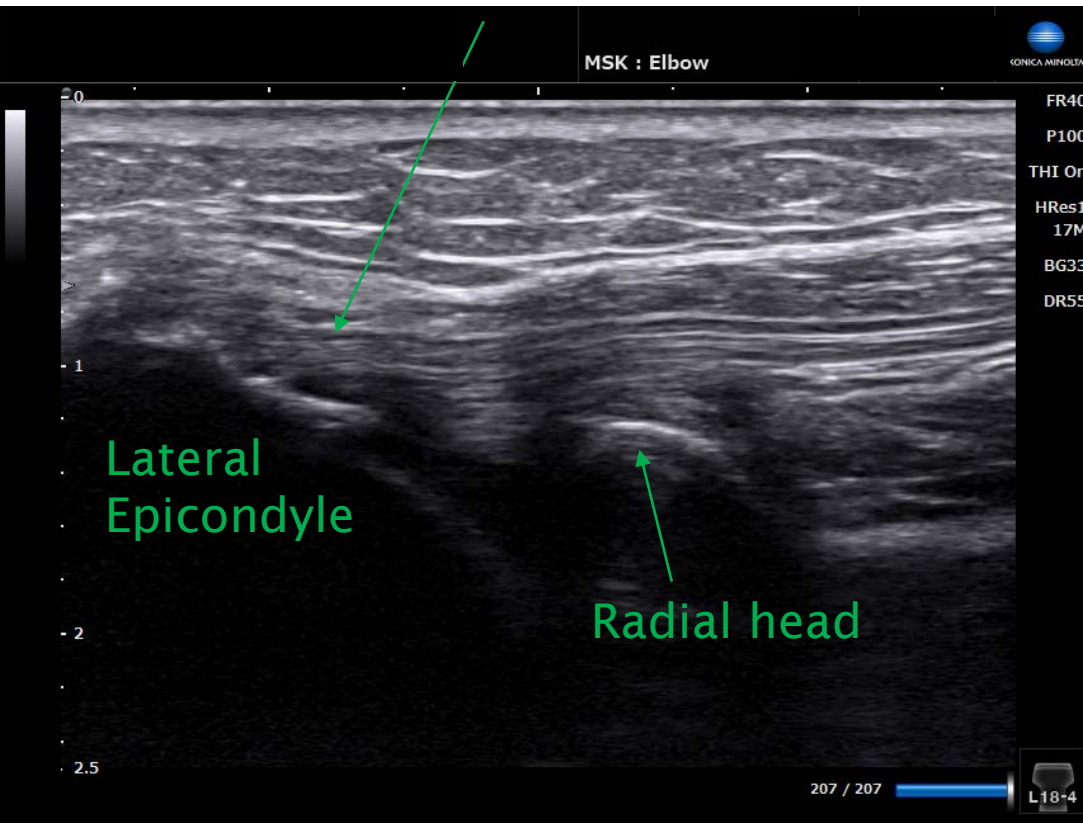
Medial: Ulnar nerve short axis

Ulnar Nerve in Cubital Tunnel



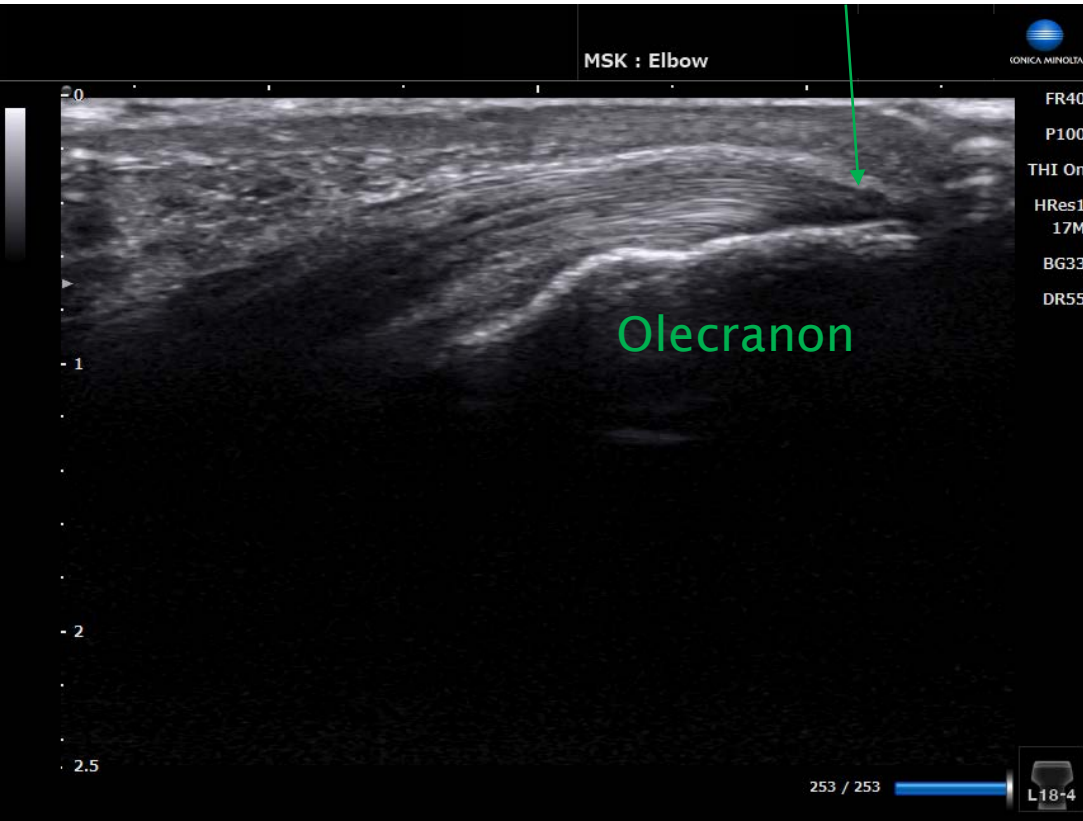
Lateral: Common extensor tendons – long axis

Extensor Carpi Radialis Brevis

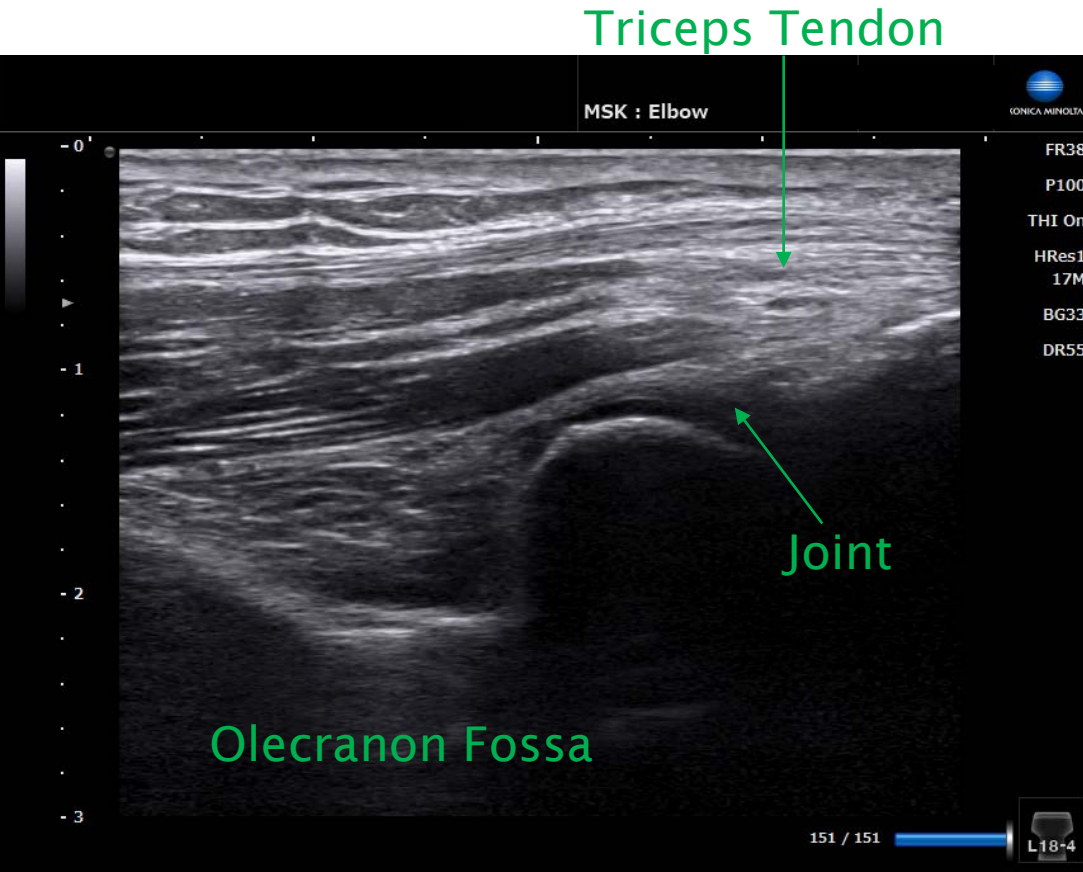


Posterior: Triceps brachii tendon – long axis

Float the transducer to evaluate point of insertion



Posterior: Triceps brachii tendon – long axis



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