

Musculoskeletal imaging

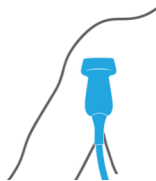
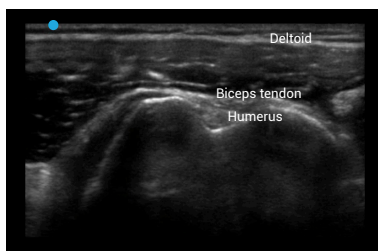
VISUALIZING SOFT TISSUE STRUCTURES IN THE UPPER LIMB

Understanding standard views and the ultrasound appearance of the major joints in the upper extremity allows point-of-care ultrasound users to recognize pathology and perform procedures more effectively.

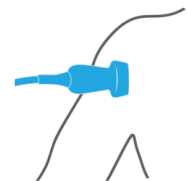
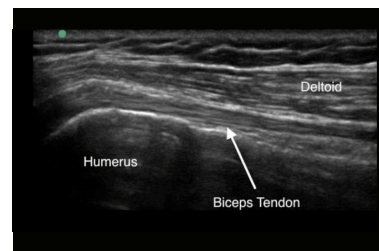
Shoulder

Place the patient in a seated position, with the elbow flexed to 90 degrees, and the hand resting on the thigh.

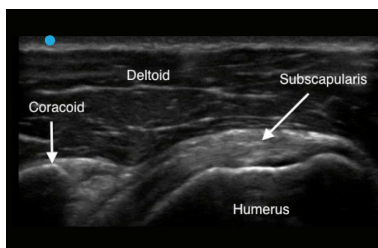
Anterior transverse



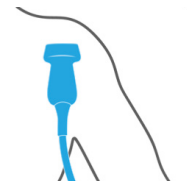
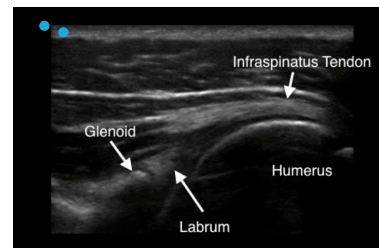
Anterior longitudinal



Anterior transverse, external rotation



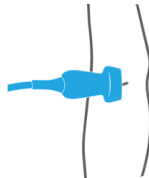
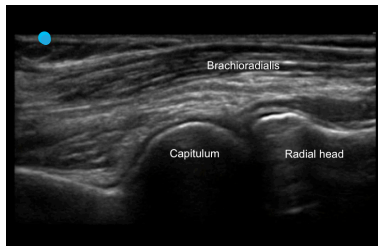
Posterior transverse



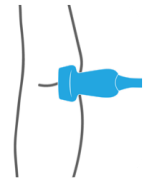
Elbow

For anterior images, have the patient sit, and extend, and supinate the elbow. For lateral images, internally rotate the shoulder and flex the elbow to 90 degrees. For posterior images, flex the elbow to 90 degrees and place the hand on the thigh.

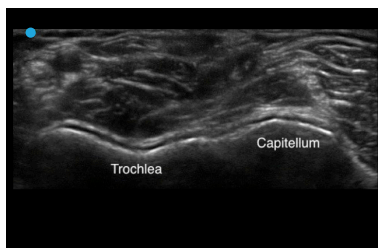
Anterior longitudinal, radial aspect



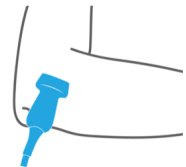
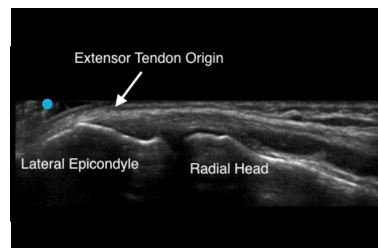
Anterior longitudinal, ulnar aspect



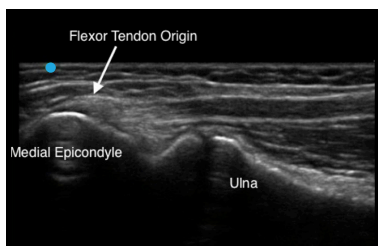
Anterior transverse



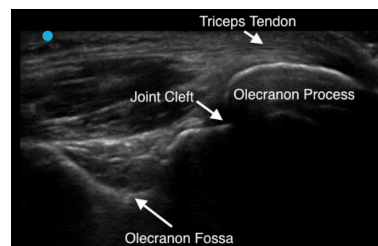
Lateral



Medial



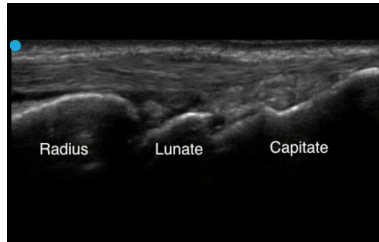
Posterior longitudinal



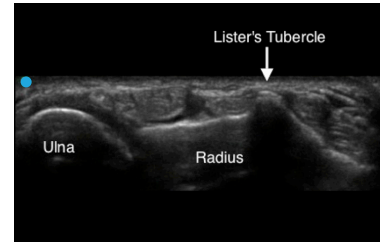
Wrist and hand

Place the hand and wrist in a neutral position. Use of a water bath can help evaluate the hand and digits.

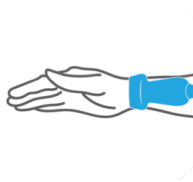
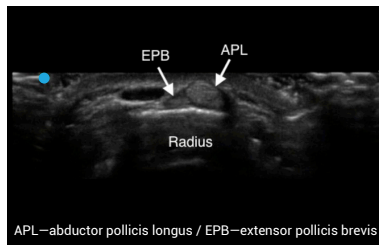
Wrist - dorsal longitudinal



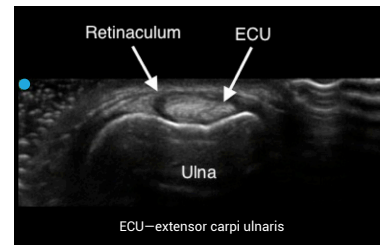
Wrist – dorsal transverse



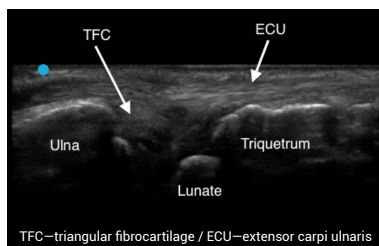
Wrist – radial transverse



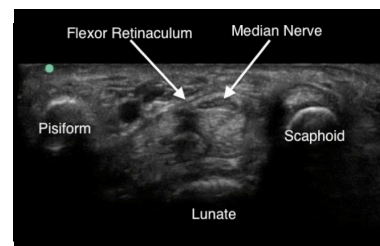
Wrist – ulnar transverse



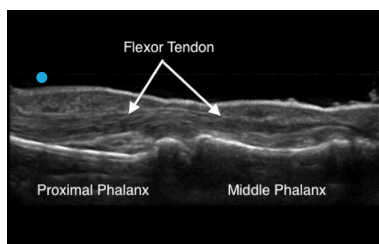
Wrist – ulnar longitudinal



Wrist – volar transverse



Interphalangeal – volar longitudinal



Interphalangeal – volar transverse

