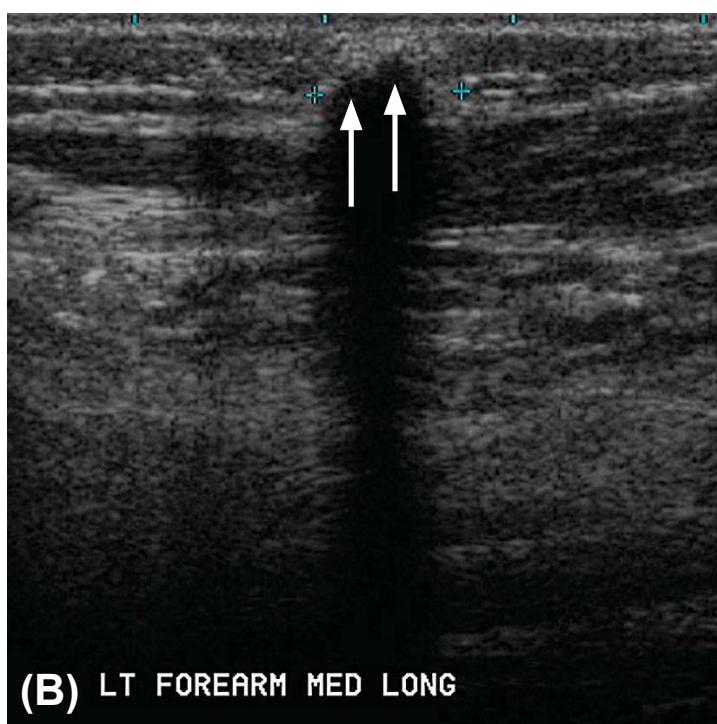
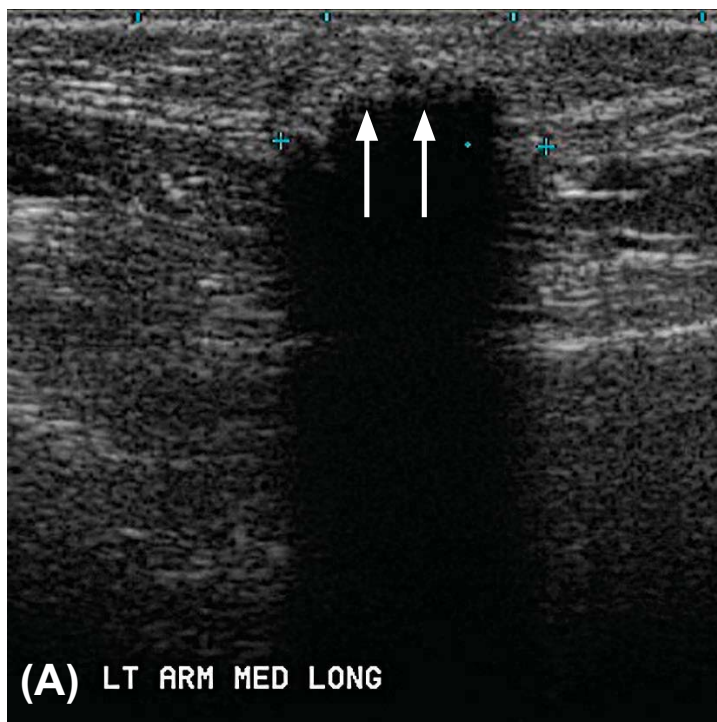


Wrist



Other Diseases

PSS with Subcutaneous Calcinosis

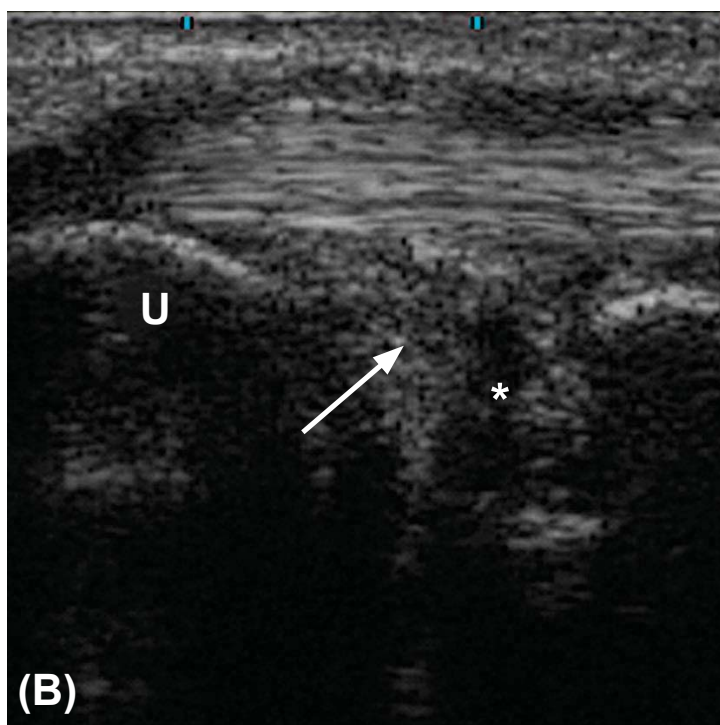
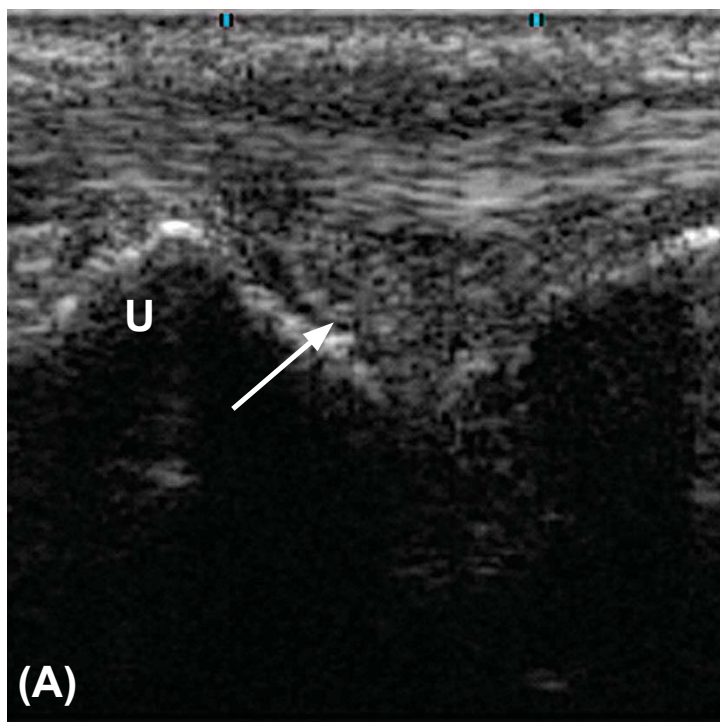
Dorsal longitudinal scan over left arm medial aspect (A) and over left forearm medial aspect (B).

Hyperechoic lesions in subcutaneous tissue with acoustic shadows (arrows) were compatible with subcutaneous calcinosis related to PSS.

Chen, Hsin-Hua

Grey scale US using a Logiq 500 (General Electrics Medical Systems, Milwaukee, WI) with a linear probe (6-13MHz).

Wrist



Other Diseases

TFCC Tear

proximal interphalangeal joint

Dorsal longitudinal scan of left ulnarcarpal (A) and right ulnarcarpal (B) joints.

(A) Normal TFCC (arrow) shows a hyperechoic triangular materia in ulnarcarpal joint.

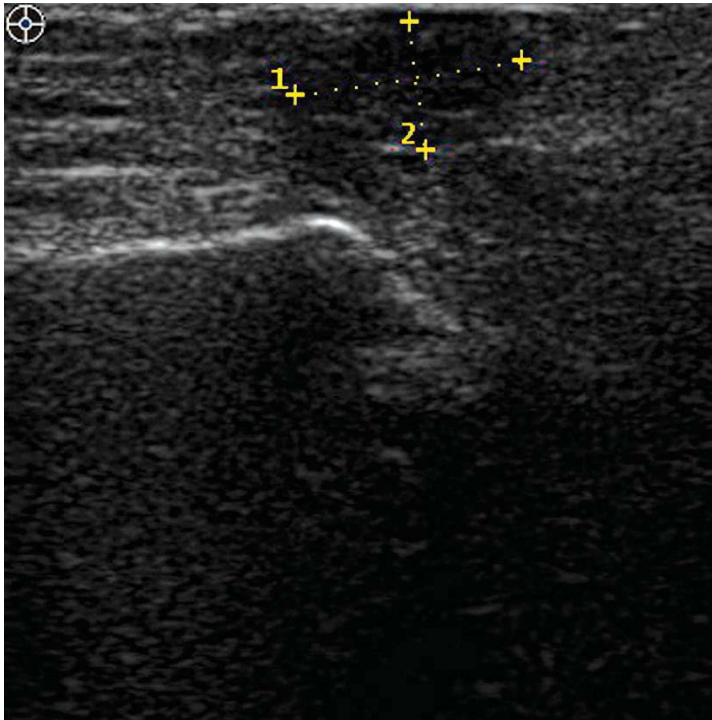
(B) A anechoic cleft (*) was found in TFCC, which suggested a tear.

U = ulna

Chen, Hsin-Hua

Grey scale US using a Logiq 500 (General Electrics Medical Systems,Milwaukee,WI) with a linear probe (6-13MHz)

Wrist



Chen, Ying-Chou

Grey scale US using CGM OPUS 5000

Other Diseases

Systemic Lupus Erythematosus, Ganglion

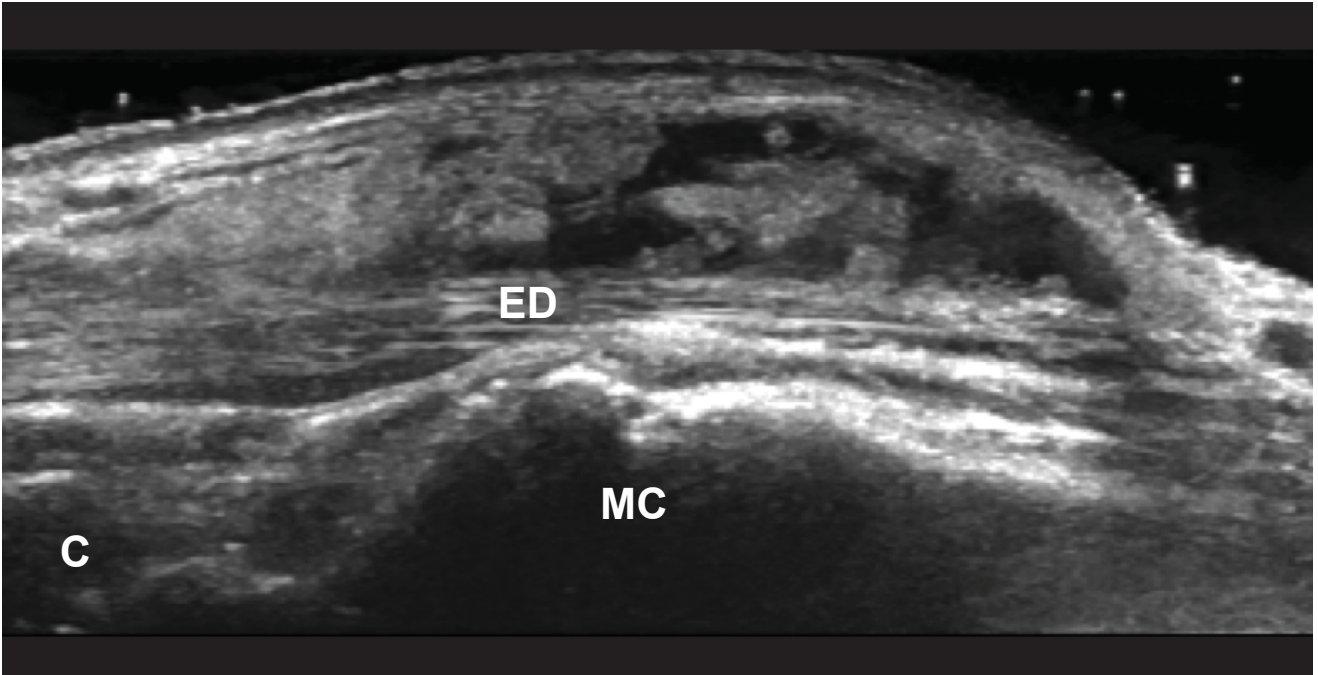
Longitudinal views aligned the long axis of the forearm and over the radial aspect of left wrist using a 7.5MHz transducer

A ill defined hypoechoic mass (1.5x1cm) is identified along the abductor pollius longus tendon.

Abbreviations = Extensor pollicis longus (E)

Wrist

Other Diseases



Ganglion cyst

Longitudinal scan of extensor digitorum tendon

Ganglion cyst of the extensor digitorum tendon at wrist (longitudinal scan). ED: extensor digitorum tendon, C: capitate, MC: 3rd metacarpal bone.

Lai, Kuo-Lung

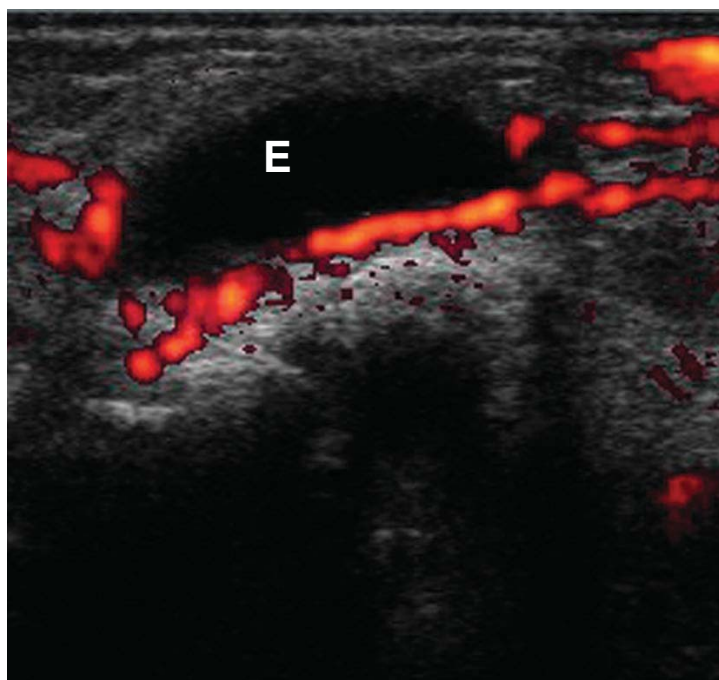
Gray scale US using a GE E9 (General Electrics) with a linear probe (15MHz)

Wrist



Tsai, Wen-Pin

Aloka 5500



Chen, Ying-Chou

POWDER US using CGM OPUS 5000

Other Diseases

Septic Tenosynovitis, Rheumatoid Arthritis

Ventral longitudinal scan

Marked tendon sheath widening with heterogenous fluid collection(*).

T = tendon

Other Diseases

Rt 4th Extensor Rupture

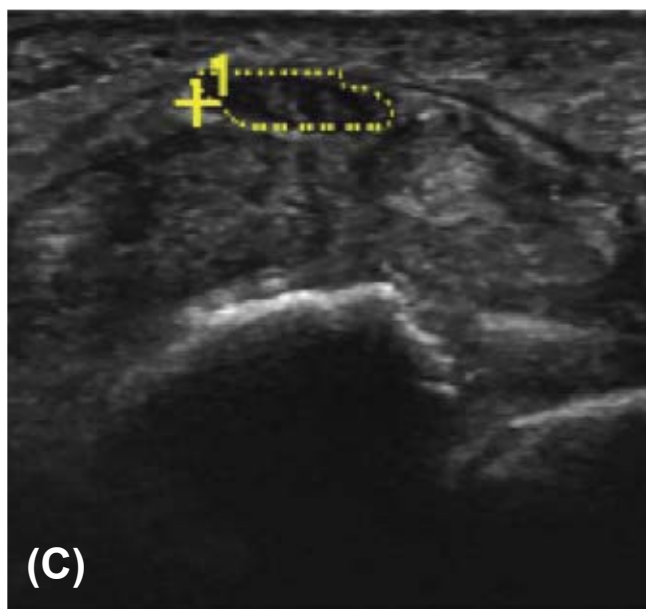
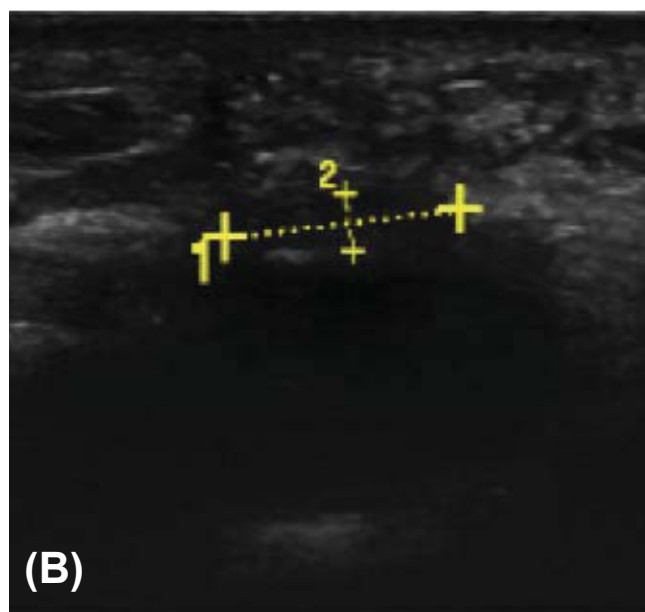
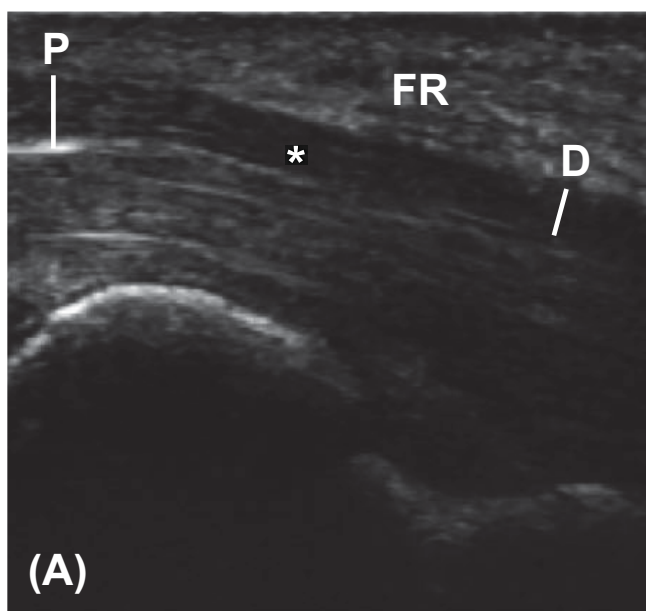
Transverse dorsal scan

Power Doppler signals in more than half the synovium of the dorsal hands. Loss of the 4th extensor tendons.

Abbreviations: Extensor tendon (E)

Wrist

Other Diseases



Lai, Kuo-Lung

Gray scale US using a GE E9 (General Electrics) with a linear probe (15MHz)

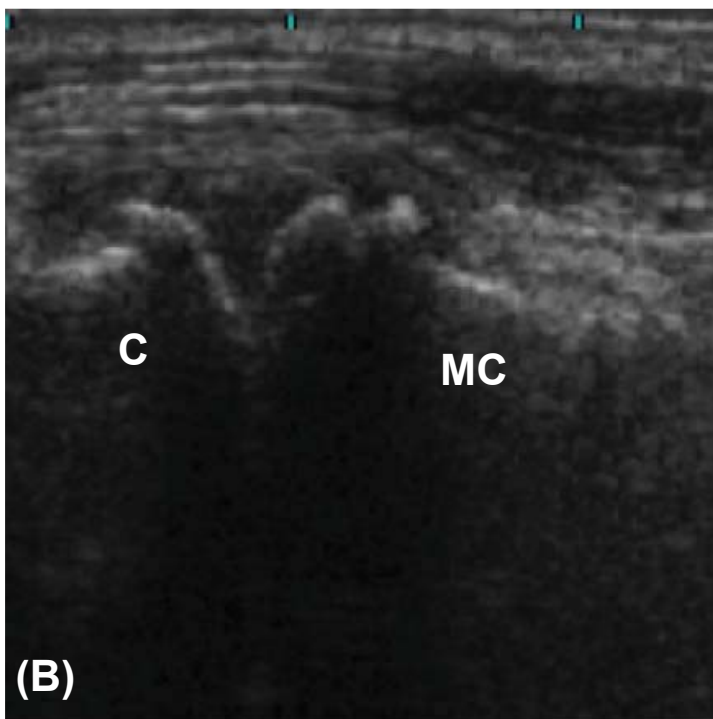
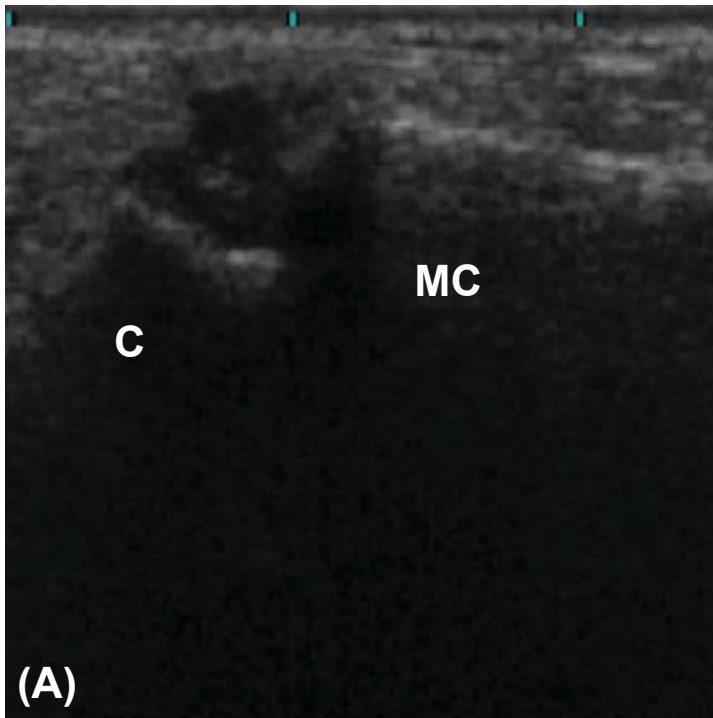
Carpal tunnel syndrome.

(A) Longitudinal scan at volar aspect of wrist. The median nerve (*, MN) had hypoechogenicity

(B) Transverse scan at site D (within carpal tunnel): the MN was compressed. The ratio of width/thickness = $7.8\text{mm}/1.9\text{mm} > 3$.

(C) Transverse scan at site P (proximal to carpal tunnel entry): the cross-sectional area of MN was 10mm^2 . FD: flexor digitorum tendon, FR: flexor retinaculum.

Wrist



Other diseases

OA

Longitudinal scan of CMC joint

CMC OA. Longitudinal scan at dorsal (A) and volar (B) aspects of 1st CMC joint. Spurs were present. C: carpal bone, MC: 1st metacarpal bone.

Lai, Kuo-Lung

Gray scale US using a GE LOQIG500 (General Electronics) with a linear probe (11MHz)