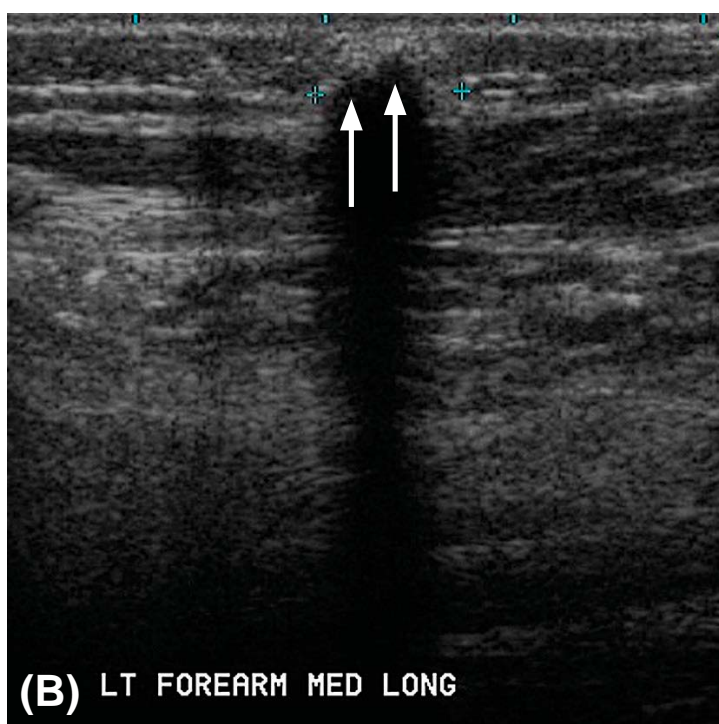
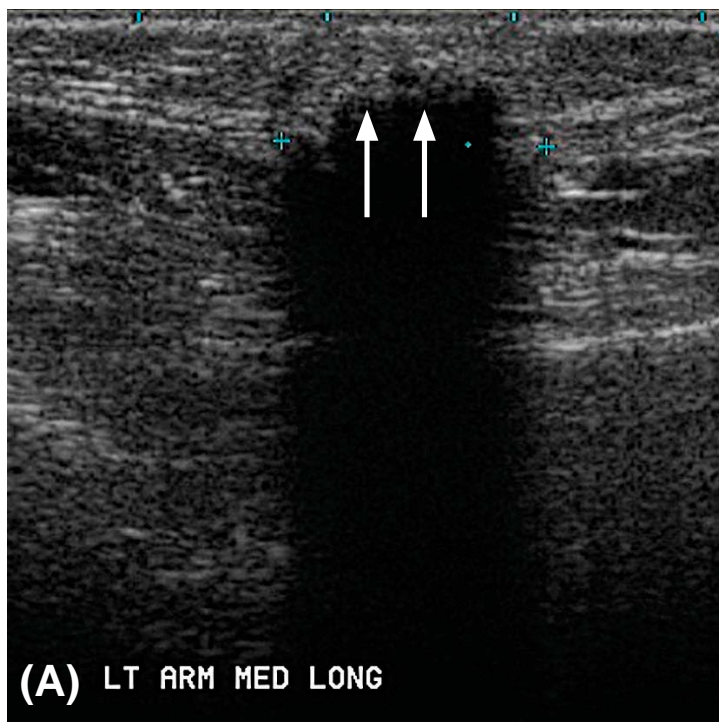


# Wrist



## Other Diseases

### PSS with Subcutaneous Calcinosis

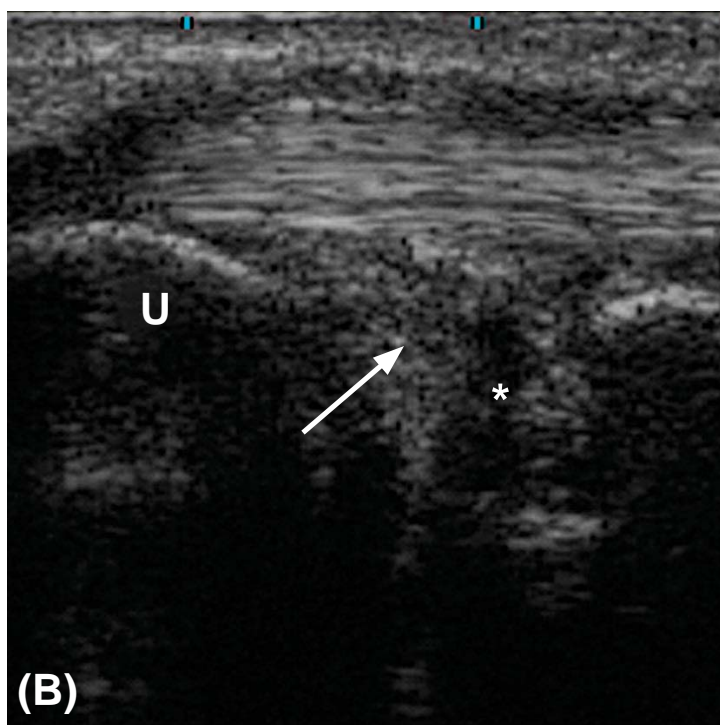
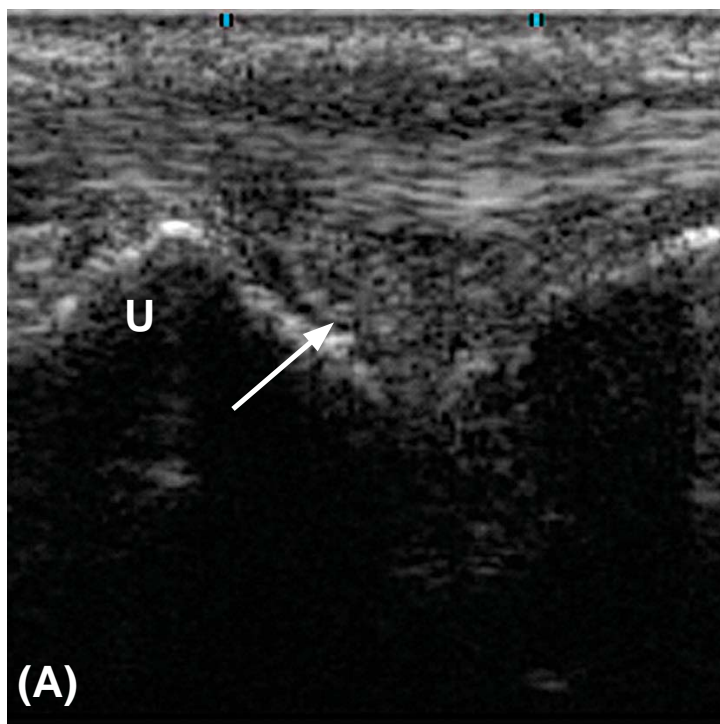
**Dorsal longitudinal scan over left arm medial aspect (A) and over left forearm medial aspect (B).**

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.

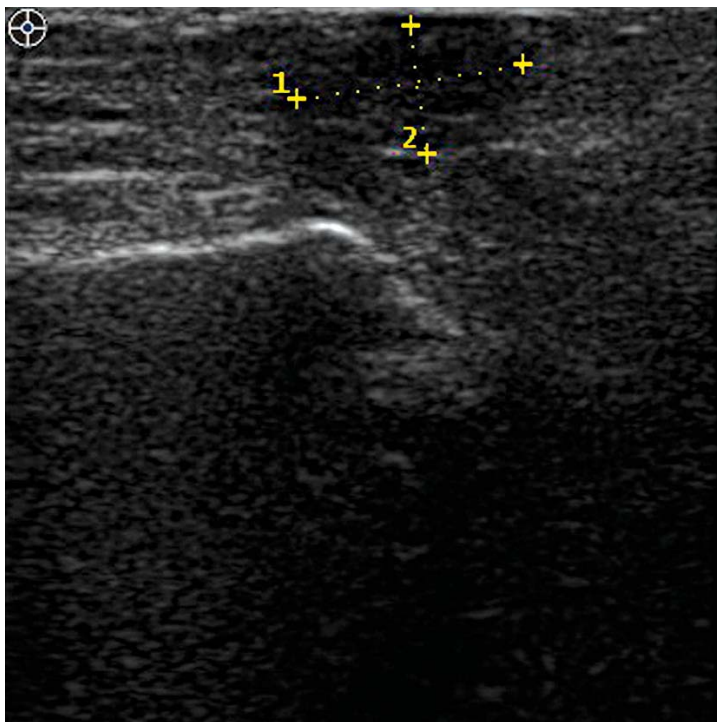
(B) A anechoic cleft (\*) was found in TFCC, which suggested a tear.

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

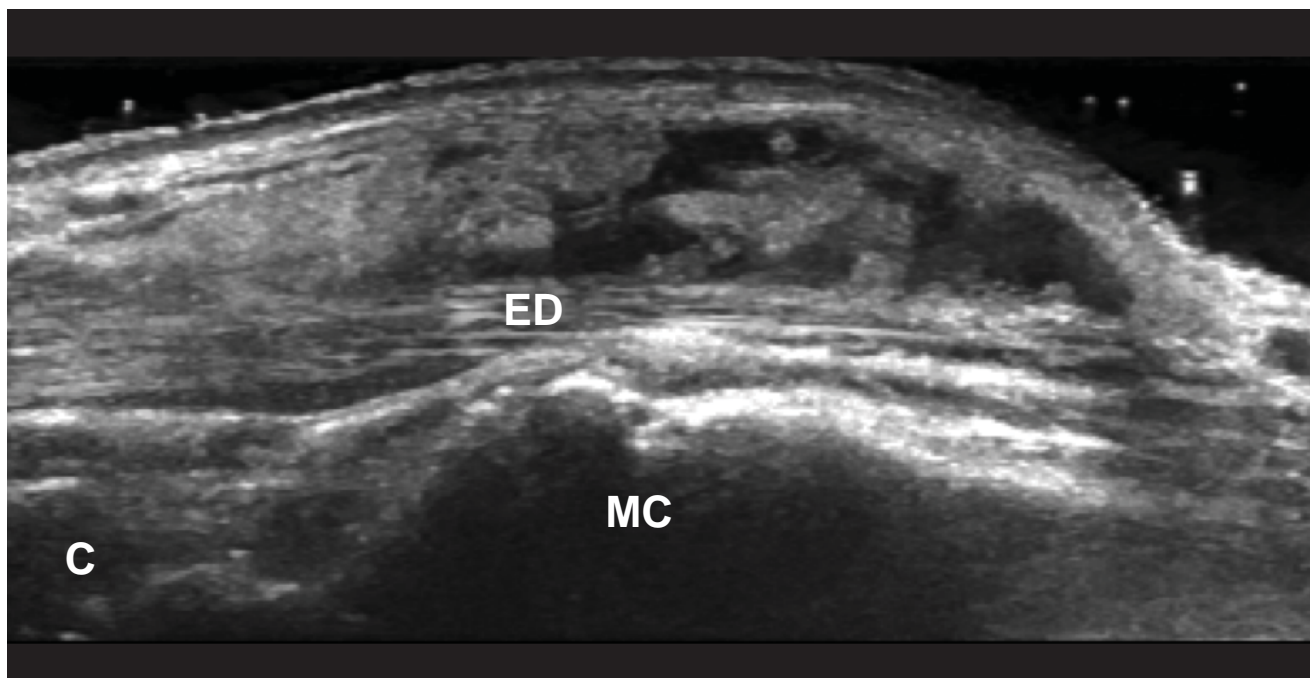
Longitudinal views aligned the long axis of the forearm and over the radial aspect of left wrist using a 7.5MHz transducer

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: 3<sup>rd</sup> metacarpal bone.

**Lai, Kuo-Lung**

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

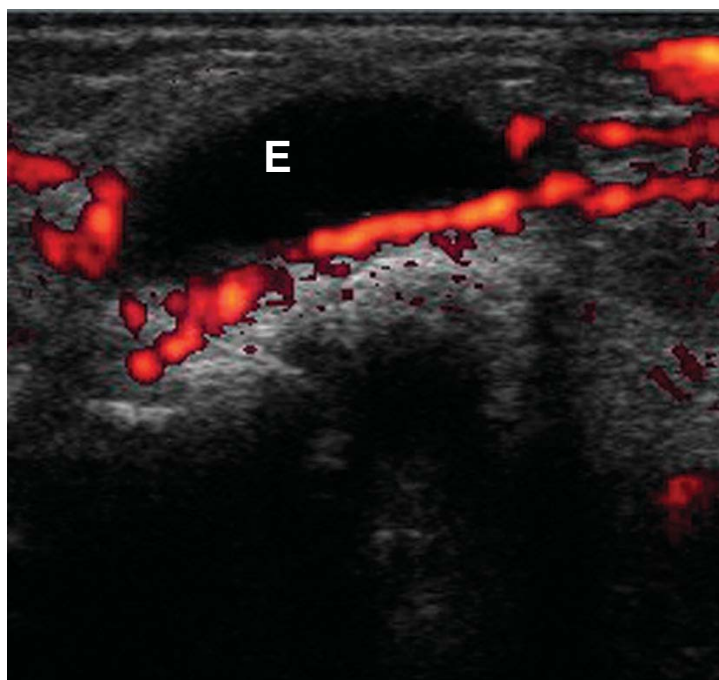


# Wrist



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 4<sup>th</sup> Extensor Rupture

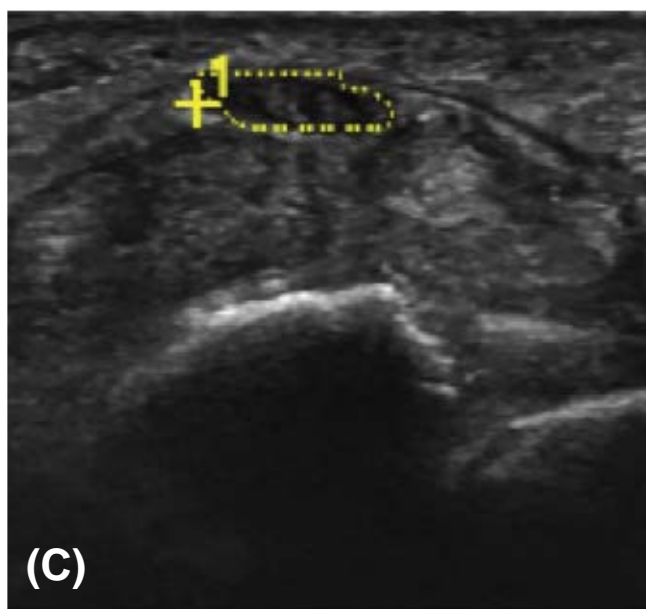
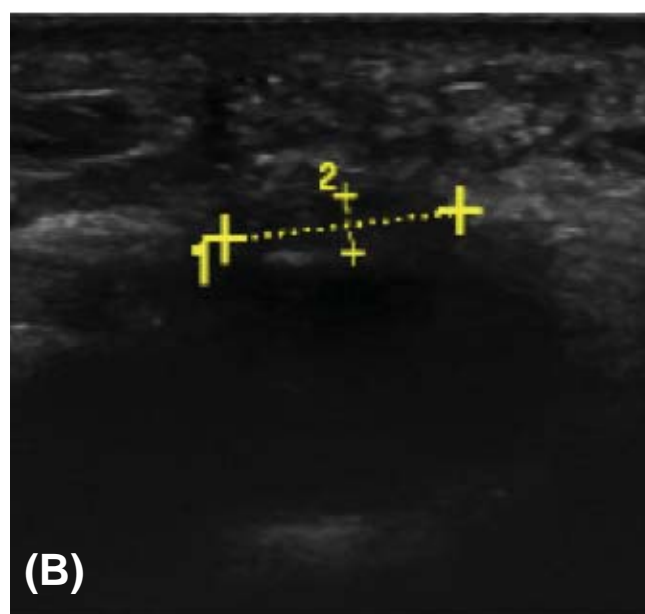
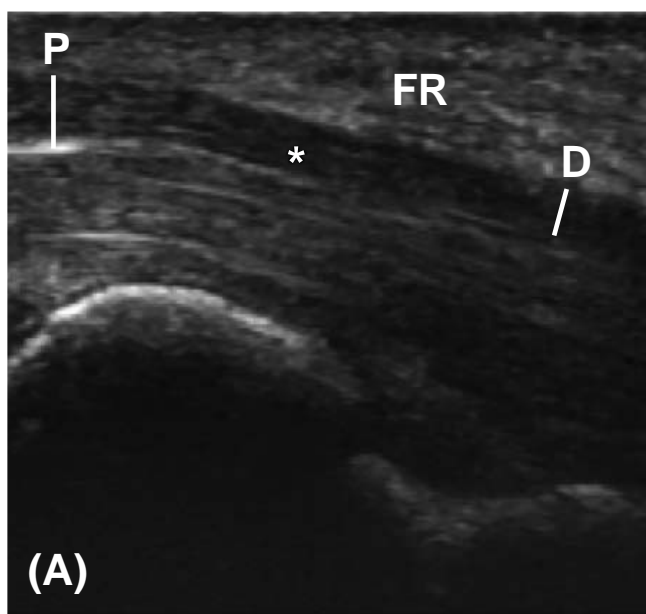
#### Transverse dorsal scan

Power Doppler signals in more than half the synovium of the dorsal hands. Loss of the 4<sup>th</sup> 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)

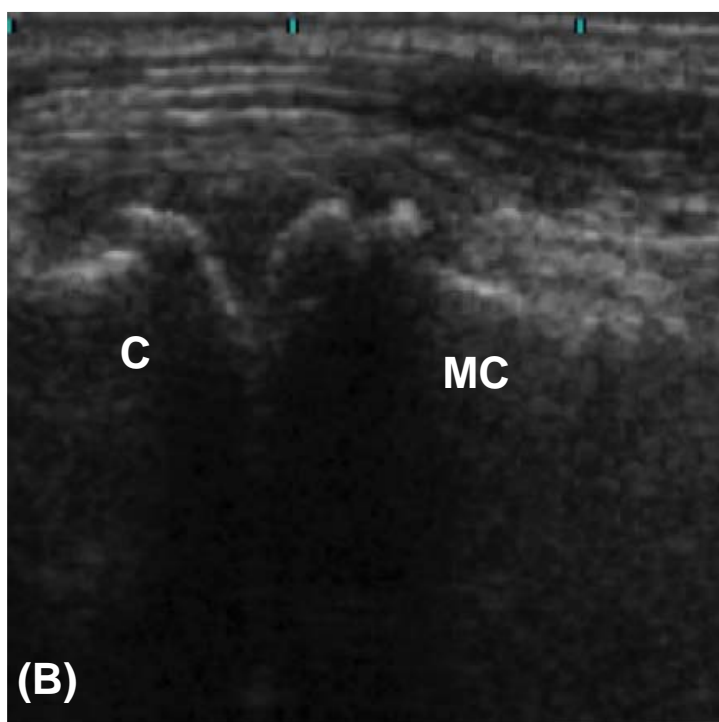
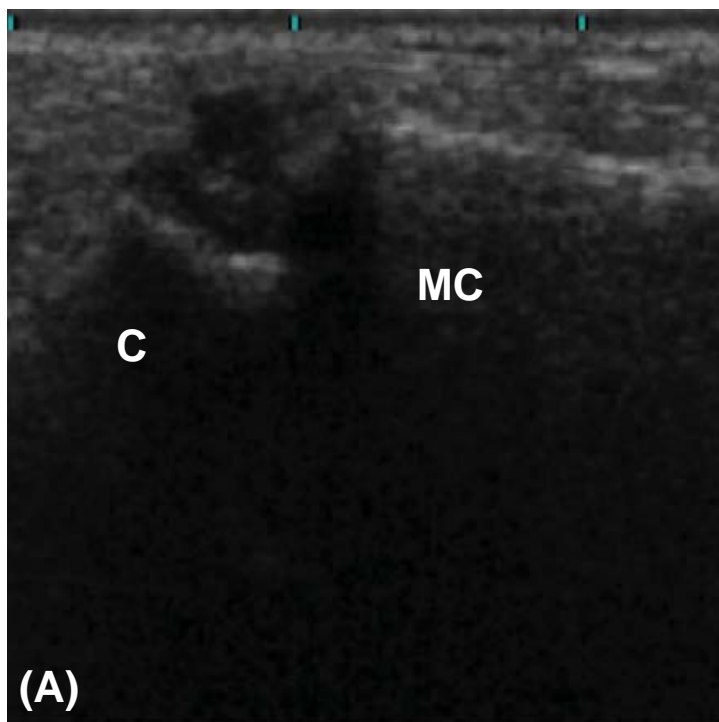
Carpal tunnel syndrome.

(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  $10\text{mm}^2$ . 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 1<sup>st</sup> CMC joint. Spurs were present. C: carpal bone, MC: 1<sup>st</sup> metacarpal bone.

Lai, Kuo-Lung

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