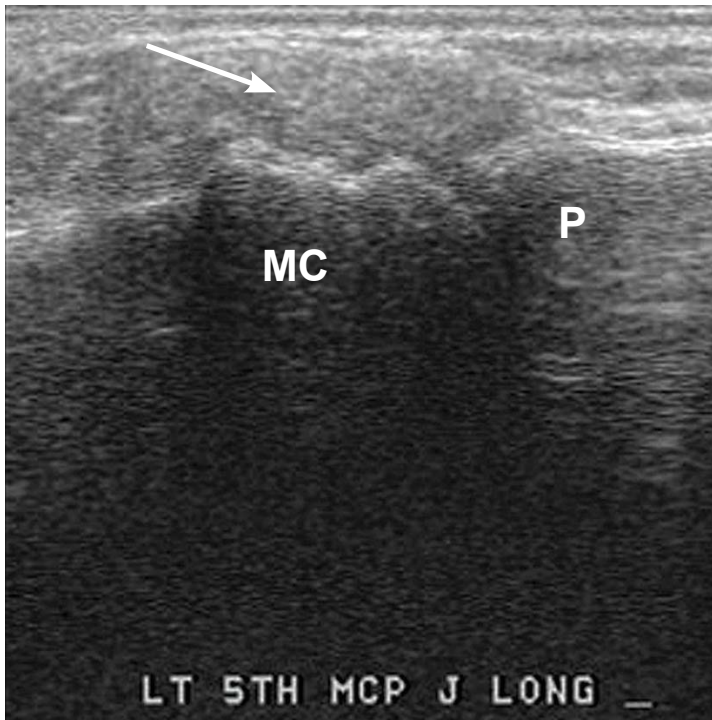


Hand



Crystal-related

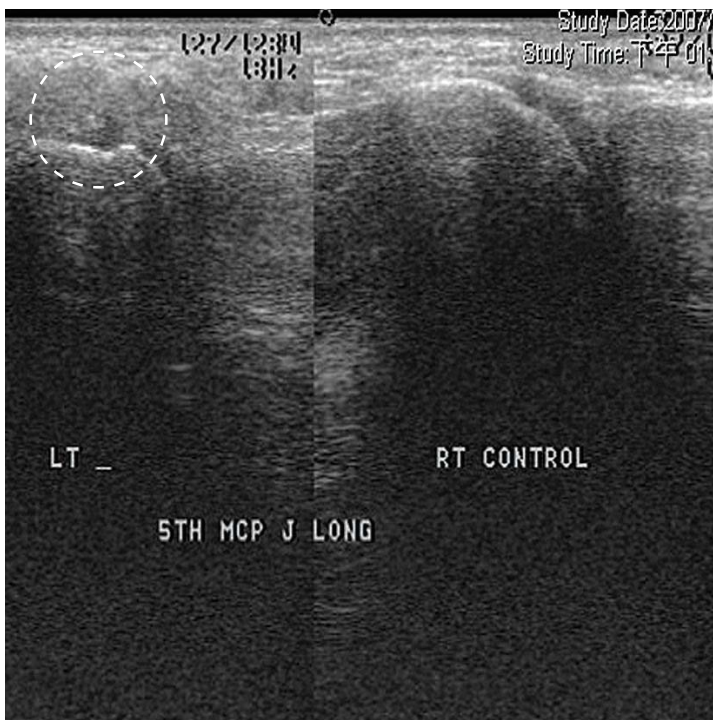
Tophaceous Gout

Dorsal longitudinal scan of Left 5th MCP joint

Tophi (arrow) deposition adjacent to MCP joint.

MC = metacarpal

P = phalange



Tophi deposition adjacent to MCP joint.

MC = metacarpal

P = phalange

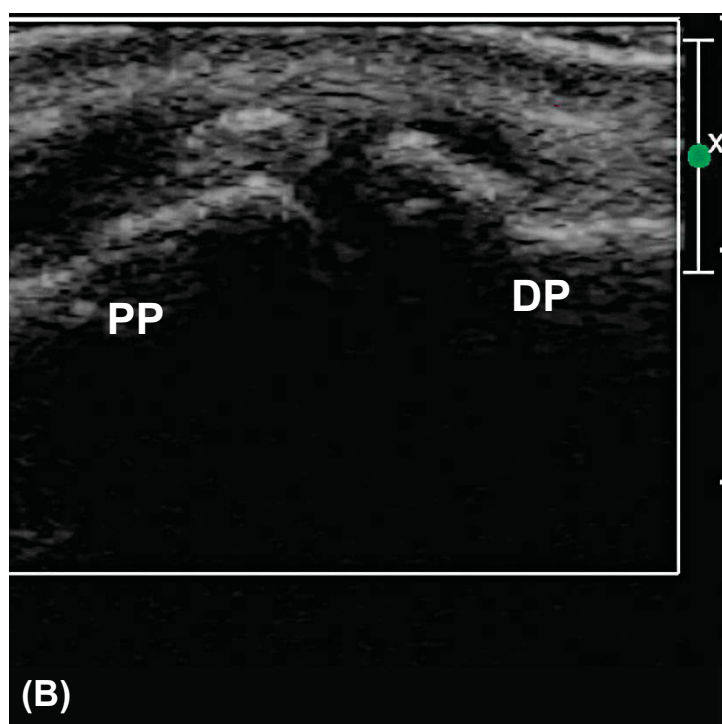
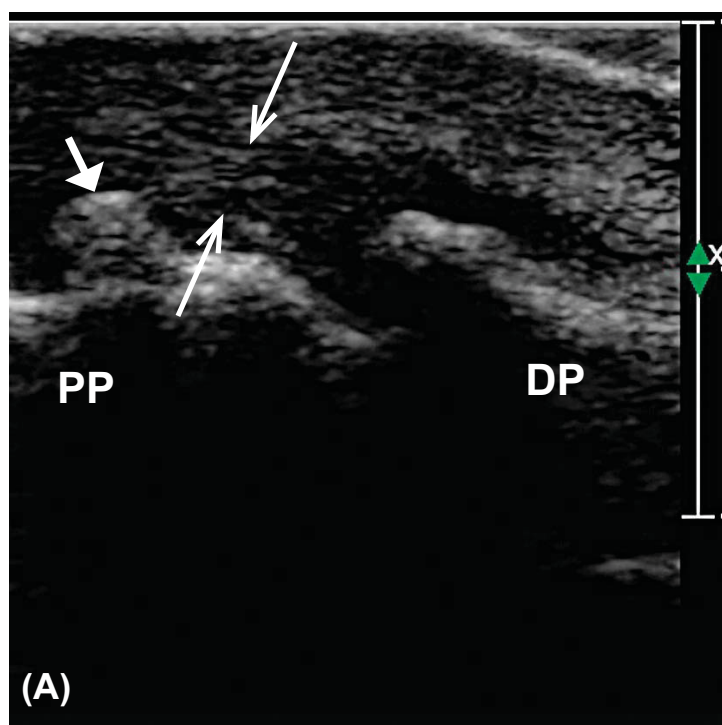
LT = abnormal

RT = normal

Tsai, Wen-Pin

Aloka 5500

Hand



Crystal-related Limited PSS

Dorsal longitudinal scan of distended PIP joint (A) and Power Doppler US of mild flexed PIP joint (B).

(A) Note a hyperechoic lesion with acoustic shadow in the deep part of extensor tendon (arrows).

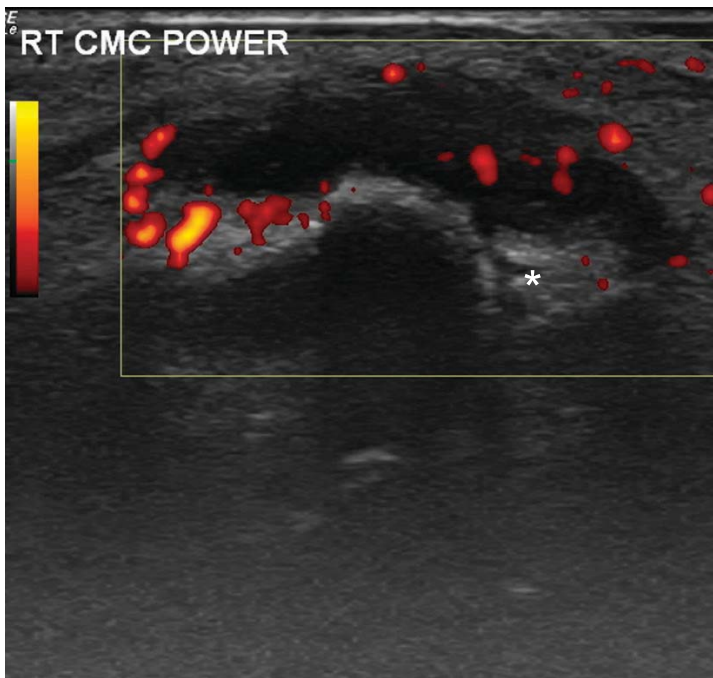
(B) Note the hyperechoic lesion moves with the tendon when the PIP mild flexed. PDUS shows no Doppler signals in the tendon and joint cavity. The above findings suggest a calcified lesion in the extensor tendon, which might be related to PSS.

PP = proximal phalanx
DP = distal phalanx

Chen, Hsin-Hua

Grey scale and power Doppler US using a Philip iU22 with a umetric probe (4D, 5-13MHz)

Hand



Crystal-related

Gouty Arthritis

Transverse dorsal scan of Carpometocarpal joint

Gouty arthritis, CMC joint. Extensive fluid collection with high vascularity. Some hyperechoic spots(*) were suspected to be tophi. Fluid analysis revealed MSU crystals.

Kuo, Chang-Fu

Grey scale US using a Logiq 9 (General Electric Medical Systems, Milwaukee, WI) with a volumetric probe (4D16L), with power doppler