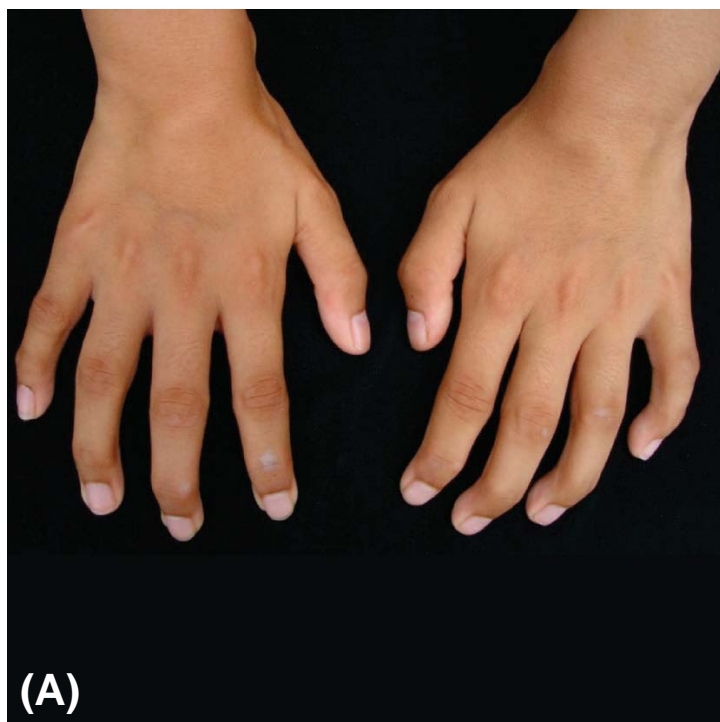


Wrist



Crystal-related

MPS IS (Scheie Syndrome)

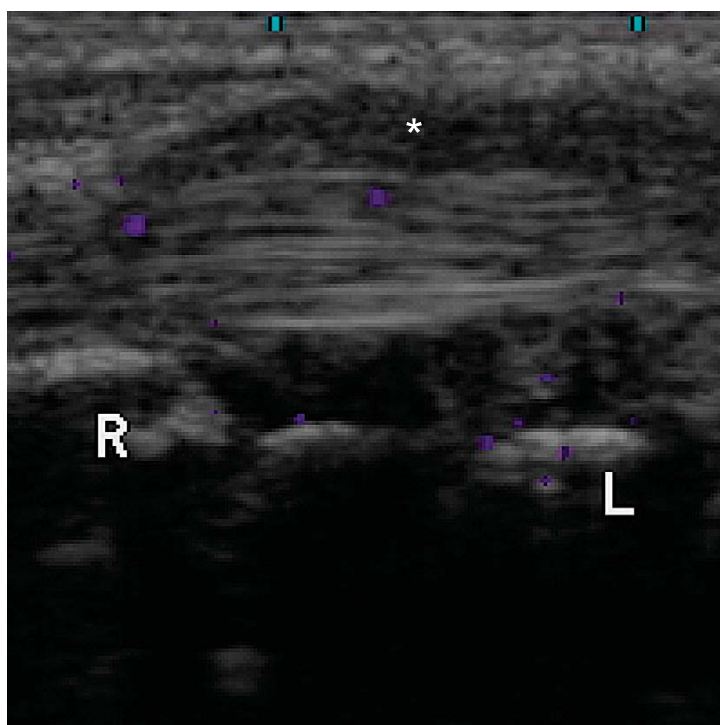
Radiolunate joint

Gross picture (A) and dorsal longitudinal scan over radiolunate joint.

Extensor tendon sheath thickening (*) with hypoechoic internal echo

R = radius

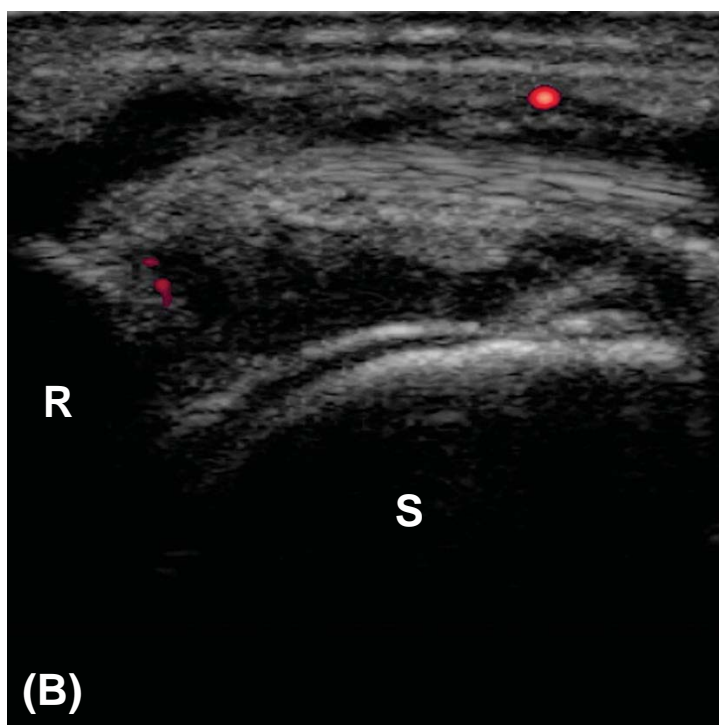
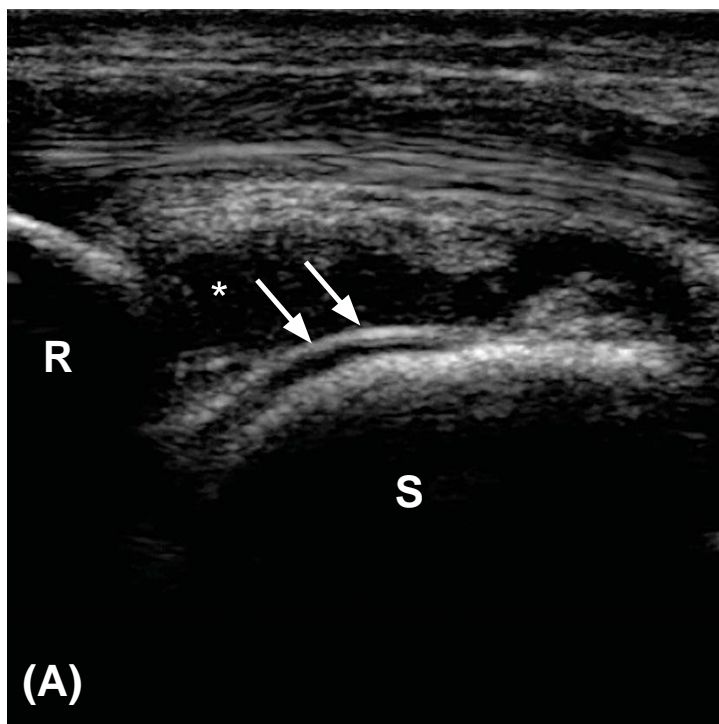
L = lunate



Chen, Hsin-Hua

Power Doppler US using a Logiq 500 (General Electric Medical Systems, Milwaukee, WI) with a linear probe (7-12MHz)

Wrist



Crystal-related Gouty Arthritis

**Dorsal longitudinal scan (A)
and Power Doppler image (B).**

(A) Widening of radioscaphoid joint cavity with moderate anechoic effusion (*). Note a hyperechoic linear lesion (arrows) on the surface of the cartilage over scaphoid bone (S), which is a typical “double contour sign”.

(B) PDUS showed some Doppler signals in synovium.

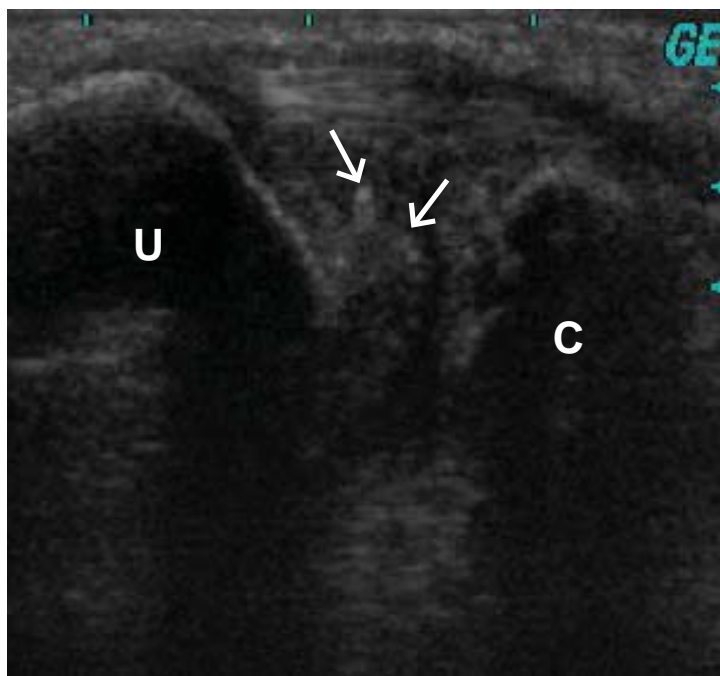
R = radius

S = scaphoid

Chen, Hsin-Hua

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

Wrist



Crystal-related

CPPD arthropathy

Longitudinal scan of ulnocarpal junction

CPPD arthropathy. Longitudinal US scan of ulnocarpal junction showed some hyperechoic depositions (arrows) with varied size in the triangular fibrocartilage. U: ulna, C: carpal bone.

Lai, Kuo-Lung

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