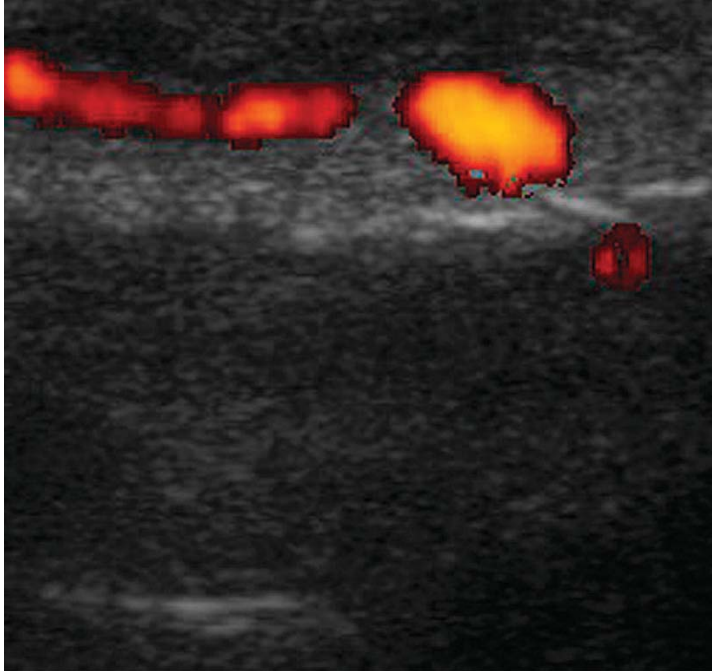
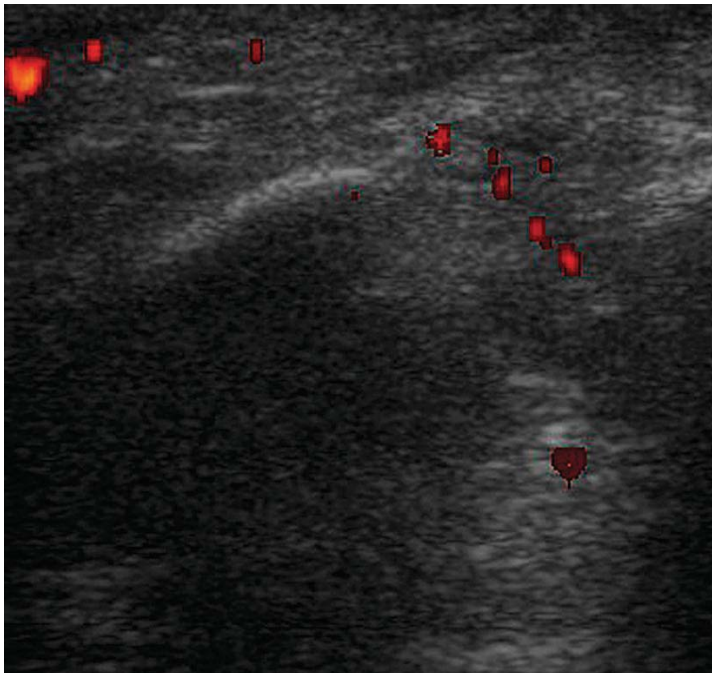


Foot



Chen, Ying-Chou

Power Doppler Ultrasonography using CGM OPUS 5000



Chen, Ying-Chou

Power Doppler Ultrasonography using CGM OPUS 5000

Other Diseases

Dermatomyositis

Longitudinal scan of 1st metatarsalphalangeal joint

Confluent vessel Powder Doppler signals at right metatarsalphalangeal joint

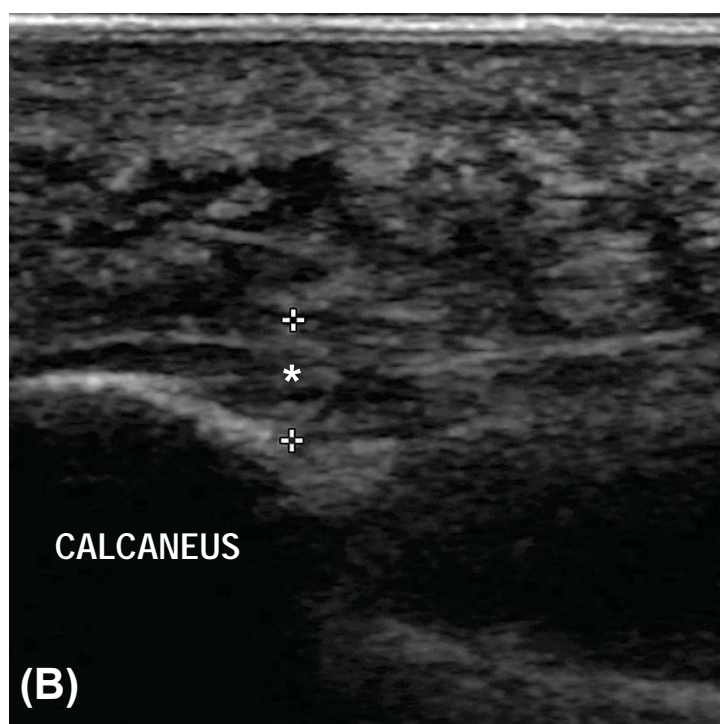
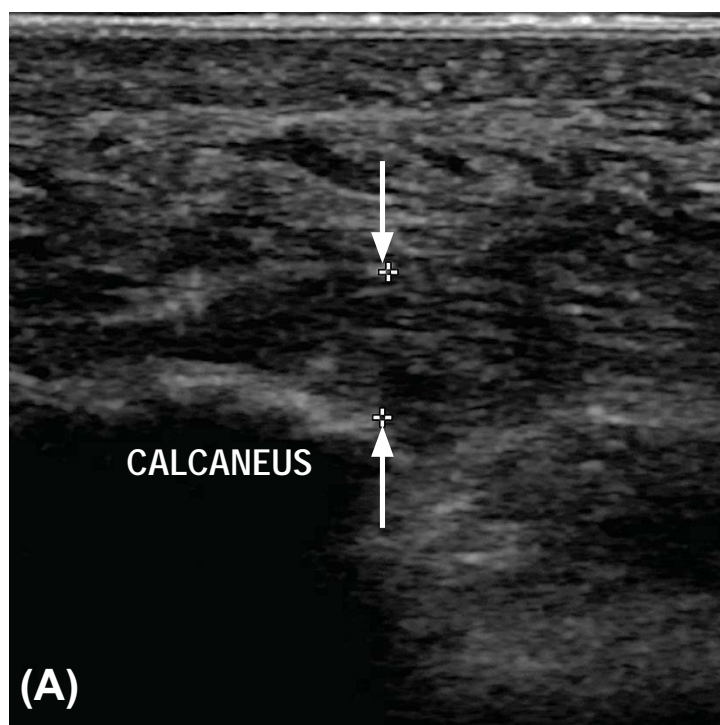
Other Diseases

Dermatomyositis

Longitudinal scan of right dorsal foot using 7.5 MHz transducer

Confluent vessel Powder Doppler signals at right metatarsalphalangeal joint

Foot



Other Diseases

Plantar Fasciitis

Plantar longitudinal scan over left plantar facial (A) and right plantar heel (B).

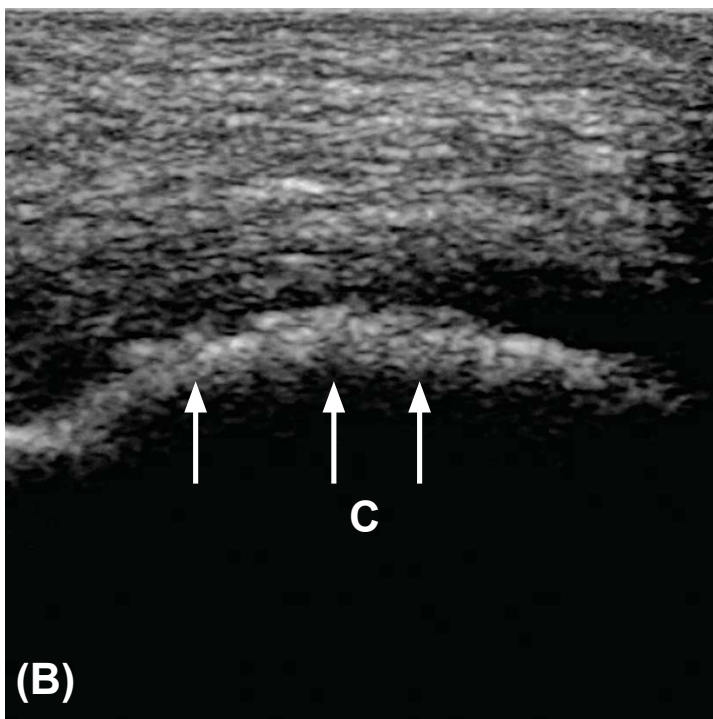
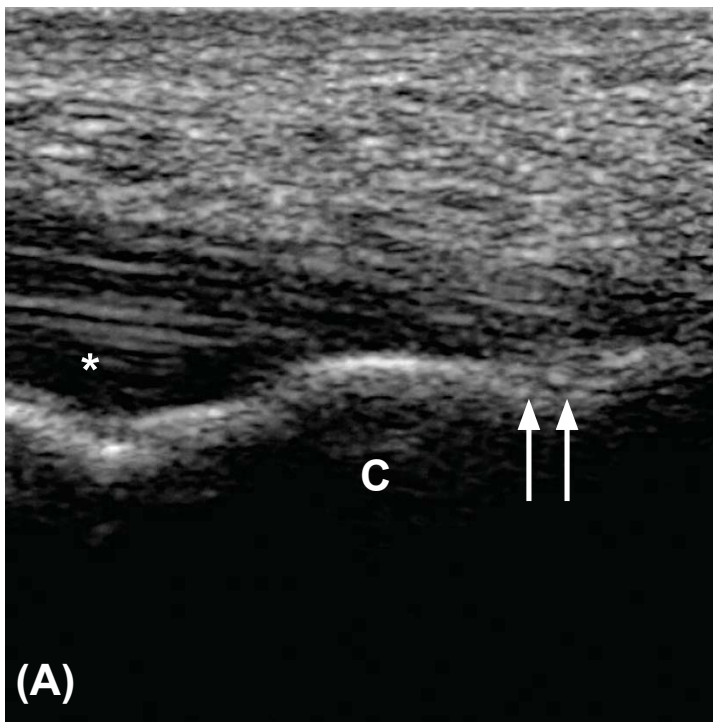
Swelling of left plantar fascia (arrows, 0.604cm) near calcaneus insertion site (arrows) was demonstrated with focal probe pressure tenderness. (A)

The asymptomatic contralateral plantar fascia (*) was thinner than the symptomatic one. (0.419 cm) (B).

Chen, Hsin-Hua

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

Foot



Other Diseases

Seronegative Arthropathy and Enthesopathy (SAE)

Dorsal longitudinal scan (A) and transverse scan of heel (B).

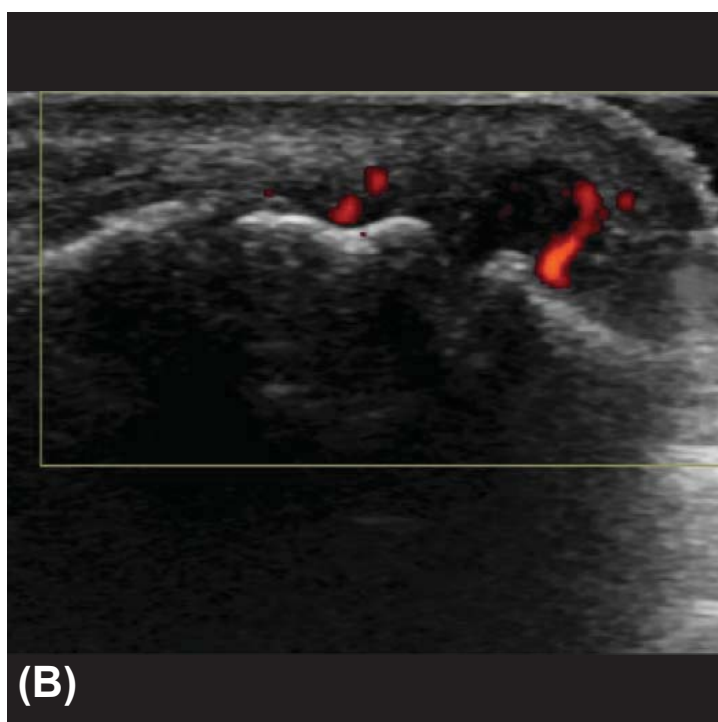
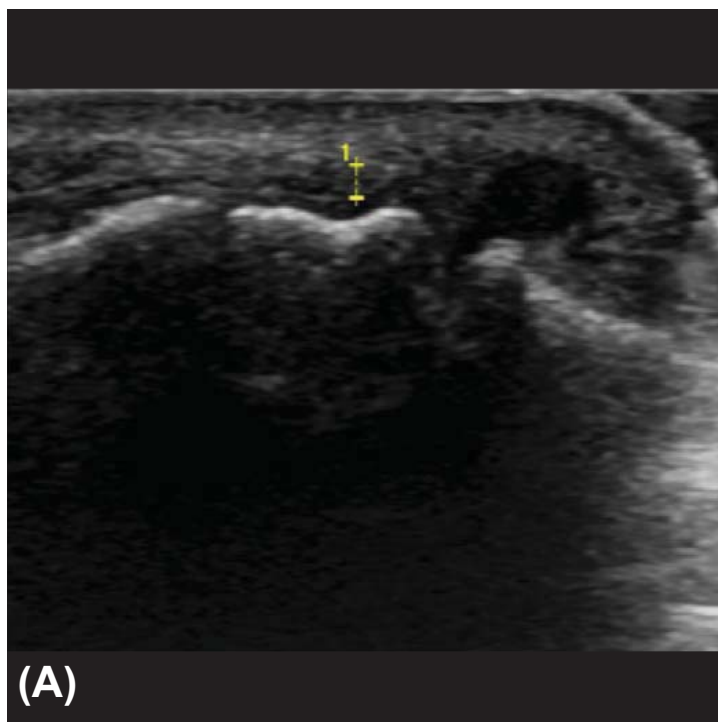
Note a focal bony irregularity on the distal end of achilles tendon (arrows) with longitudinal (A) and transverse (B) scans, and another focal hypoechoic region (*) with a mild focal bony erosion beneath it, which might be related to tendinopathy.

C = calcaneus

Chen, Hsin-Hua

Grey scale US using a Philip iU22 with a linear probe (7-15 MHz)

Foot



Other Diseases

Psoriatic arthritis

Longitudinal scan of toe DIP joint

Psoriatic arthritis and enthesitis. (A) Longitudinal US scan of right 4th toe DIP joint showed thickening of the extensor digitorum tendon (mark 1) and synovial hypertrophy with joint capsule distension (B) On power Doppler US, presence of vascularity at the synovium and the extensor digitorum tendon. PP: proximal phalanx, MP: middle phalanx, DP: distal phalanx.

Lai, Kuo-Lung

Gray scale and power Doppler US using a GE E9 (General Electrics) with a linear probe (18MHz)