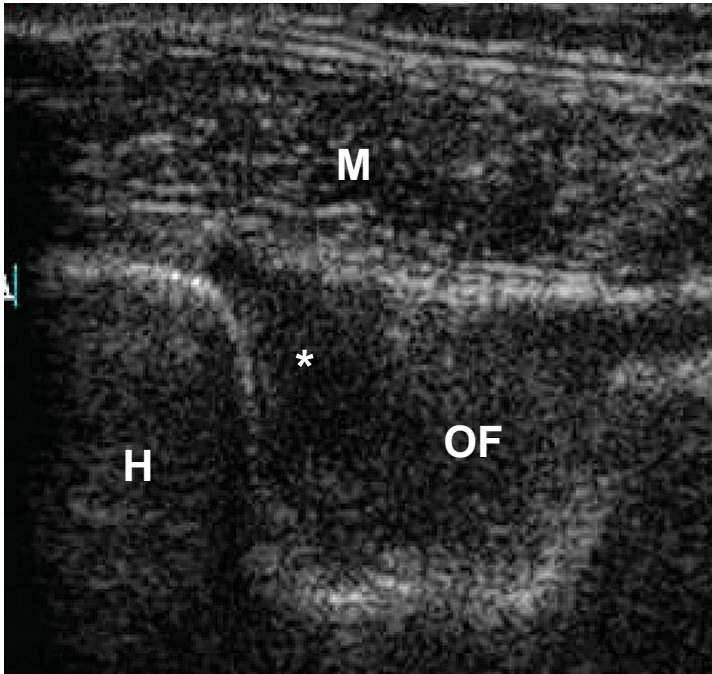
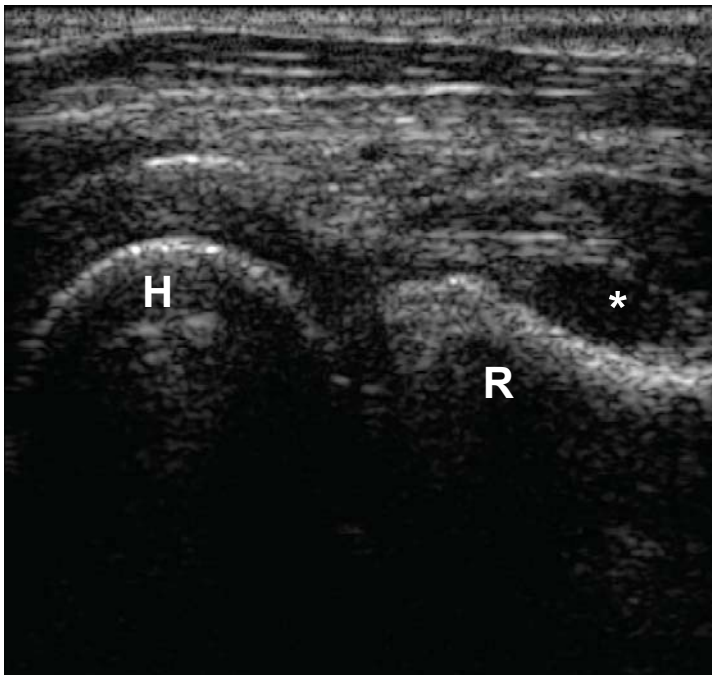


# Elbow



**Chang, Chi-Ching**

Grey scale US using a Taitan 180



**Chang, Chi-Ching**

Grey scale US using a Taitan 180

**RA**

## Posterior transverse scan of olecranon fossa

Marked hypoanechoic joint space widening (\*).

H = humerus

OF = olecranon fossa

M = triceps muscle

**RA**

## Anterior humeroradial longitudinal scan

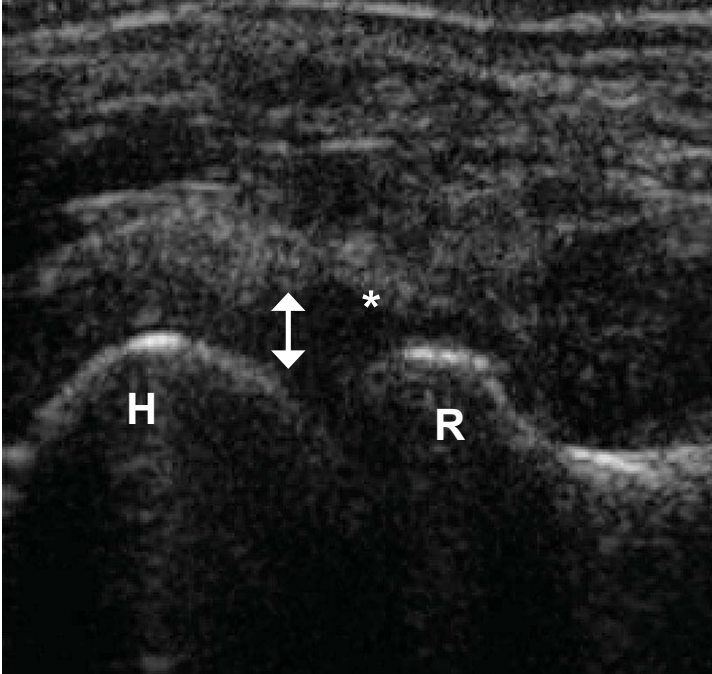
Hypoanechoic joint cavity widening

Effusion(\*)

H = humerus

R = radius

# Elbow



## RA

### Anterior humeroradial longitudinal scan

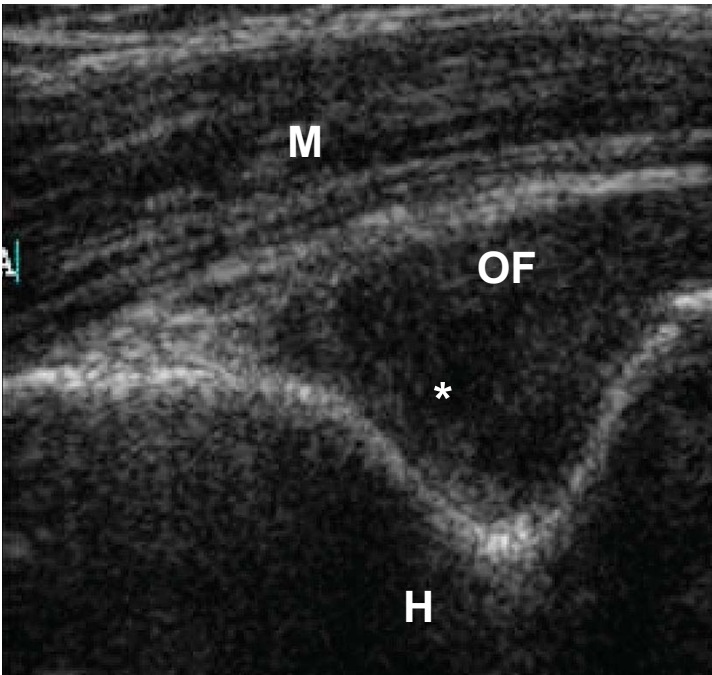
Hypoechoic joint cavity widening(double arrow head)  
Effusion(\*)

H = humerus

R = radius

**Chang, Chi-Ching**

Grey scale US using a Taitan 180



## RA

### Posterior longitudinal scan of olecranon fossa

Marked hypoanechoic joint space widening (\*).

H = humerus

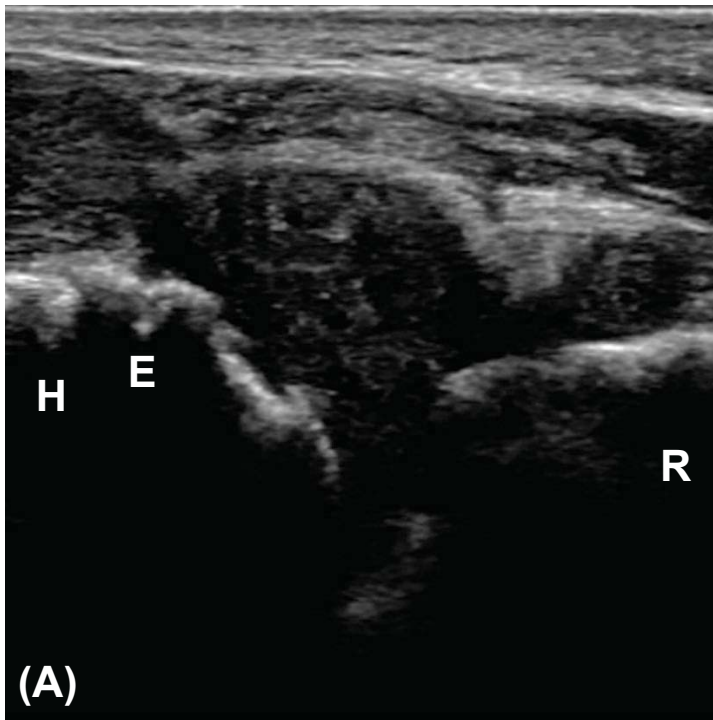
OF = olecranon fossa

M = triceps muscle

**Chang, Chi-Ching**

Grey scale US using a Taitan 180

# Elbow



## RA

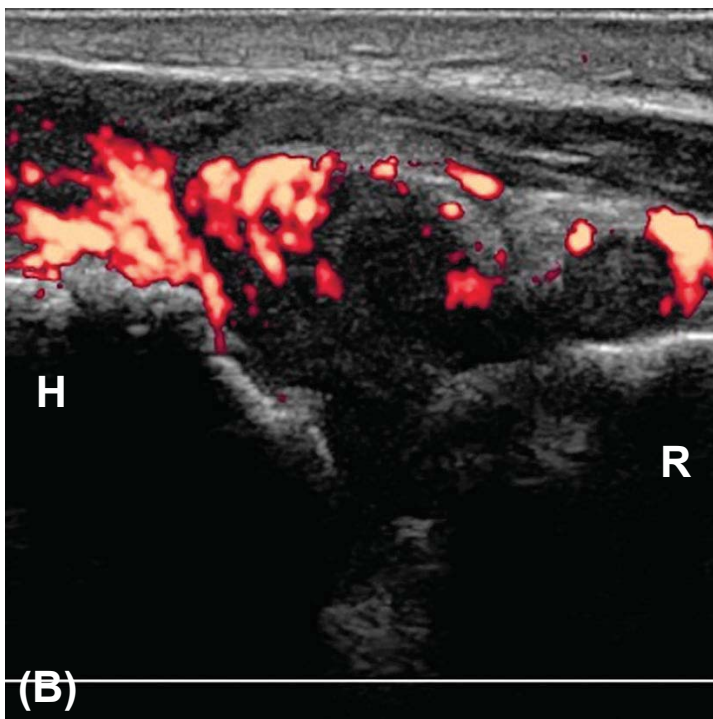
### Longitudinal scan of lateral recess

Marked widening of lateral recess of elbow joint with marked pannus formation and many confluent Doppler signals in the proliferated synovium.

H = humerus

R = radius

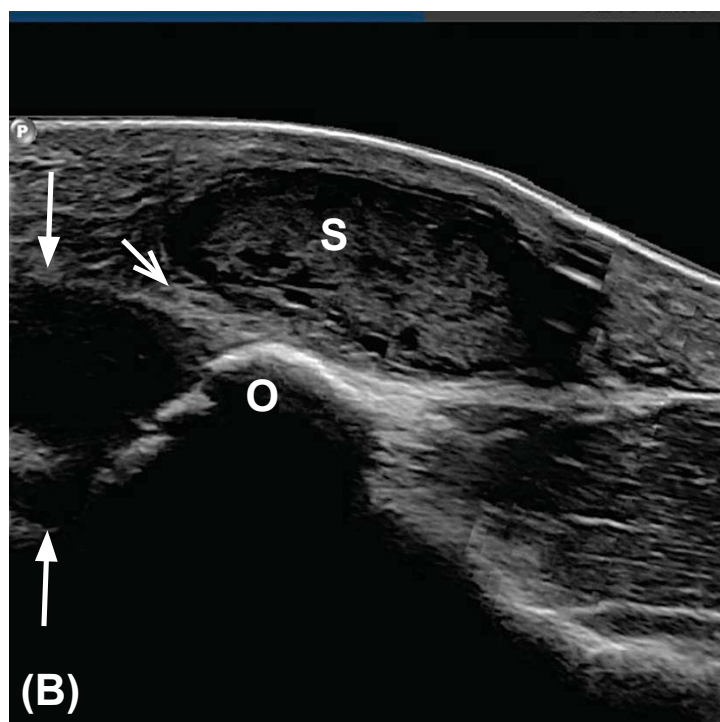
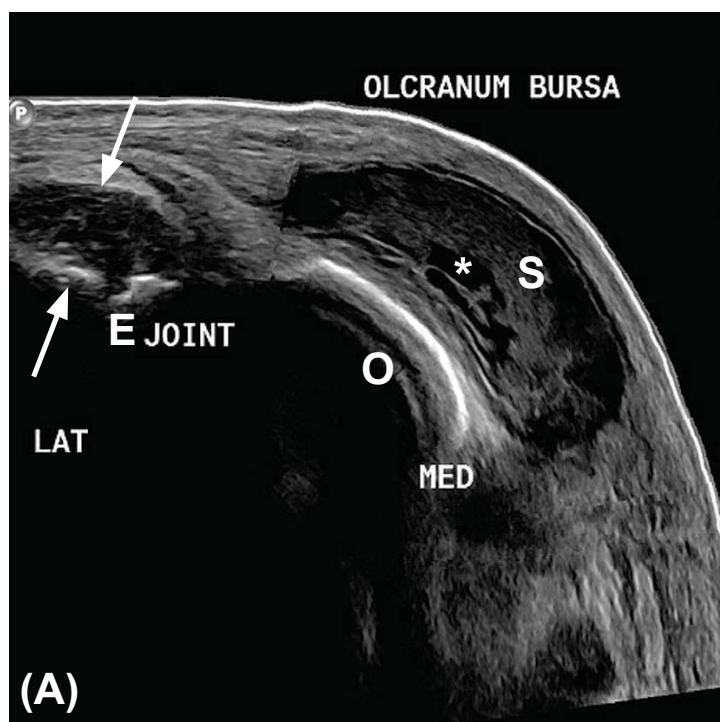
E = a tiny erosion



**Chen, Hsin-Hua**

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

# Elbow



## RA

### Olecranon Bursitis

**Panoramic view of dorsal transverse scan (A) and longitudinal scan of olecranon fossa (B)**

(A) Transverse scan shows widening of olecranon bursa with mixed hyperechoic lesions which suggest synovial membrane proliferation (S), and mild anechoic effusion effusion (\*). Note the unconnected widened posterior recess of elbow joint in the lateral aspect with a small erosion (E).

(B) Longitudinal scan also demonstrates the disconnection (open arrow) between the olecranon bursa and joint capsule.

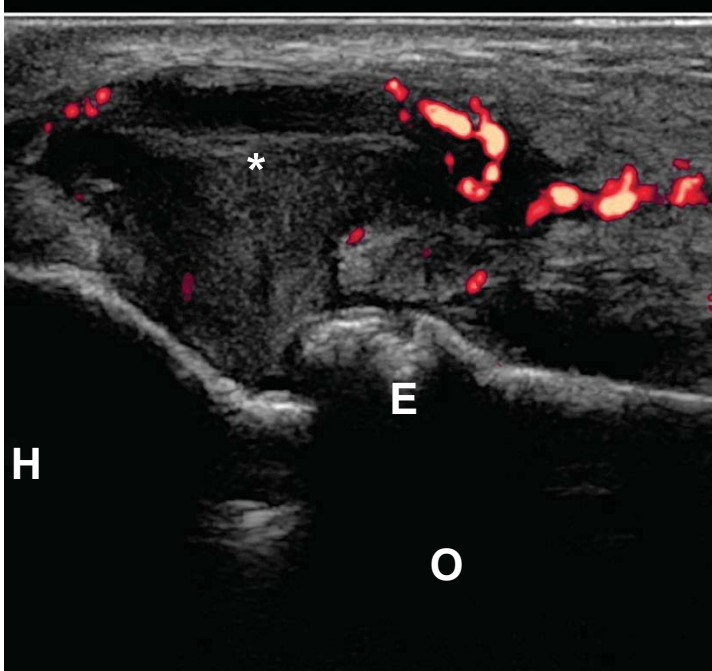
O = olecranon, MED = medial, LAT = lateral, E = erosion.

**Chen, Hsin-Hua**

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



# Elbow



RA

## Elbow joint

### Dorsal longitudinal scan of posterior recess

Marked widening of posterior recess of elbow joint with marked pannus formation and many Doppler signals in the proliferated synovium. H = humerus, O = olecranon, E = erosion.

**Chen, Hsin-Hua**

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

Shoulder

Elbow

Wrist

Hand

Hip

Knee

Ankle

Foot

Others