



PATIENT PRESENTING CLINICAL SIGNS

CJ Flanagan
SPECIES Racing Greyhound but has had intermittent injuries preventing her from getting on the track. In Dec 2021 she injured the flexor ulnaris tendon attaching to the accessory carpal bone with significant soft tissue swelling associated with the tendon just dorsal to accessory carpal bone. Radiographs taken at the time showed no fractures to the carpus. Trainer has attempted to get to the track since then and after a hard race or trial will be acutely lame on LFL with pain isolated to the left carpus. lameness resolves within 24 hours. Trainer concerned there is a chronic carpal injury or chip fracture that is affecting her performance.
Canine

BREED COMPUTED TOMOGRAPHIC STUDY OF THE CARPI

Greyhound Plain and post contrast studies in soft tissue and bone windows available for review.

COMPUTED TOMOGRAPHIC FINDINGS

SEX Patient has a history of trauma to the left carpus with ulnocarpal flexor injury.

Female The tendon of the left ulnocarpal flexor presents mild generalized thickening compared with the right side.

AGE The position of the carpal bone is within normal limits. However, subchondral bone sclerosis of the accessory carpal and ulnocarpal bone at their articulation with joint space collapse is seen. The periarticular margins of the accessory carpal bone and ulnocarpal bone present mild smooth new bone formation.

2

INTERPRETED BY

Nele Eley, DVM
 Dr. med. Vet. DipECVDI

A 4mm sized fragment is isolated from the lateral, palmar, and proximal aspect of the left ulnocarpal bone. A 1mm sized fragment is isolated from the dorsal, proximal, and lateral aspect of the accessory carpal bone. No subluxation of the affected carpal bones is seen.

HOSPITAL NAME

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 Hospital

The radiocarpal bone and distal row of carpal bones present no evidence of injury.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Chronic slab fractures of the ulnocarpal bone and accessory carpal bone with post-traumatic osteoarthritis.
- Mild chronic left ulnocarpal flexor tendinopathy.

REFERRING VET

Chris Papantonio

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT study reveals evidence of chronic traumatic osseous injury of the left ulnocarpal and accessory carpal bones with isolation of small fragments from the ulnocarpal bone and accessory carpal bone as well as arthritis accentuating the articulation between the ulnocarpal bone and accessory carpal bone in the left carpus. The fragment isolated from the ulnocarpal bone does not appear to involve the joint surface. However, a small 1mm sized chip is separated from the articular surface of the accessory carpal bone and the presence of deep subchondral bone sclerosis as well as periarticular new bone formation indicates perpetual arthritis and increased stress in the articulation between the ulnocarpal bone and accessory carpal bone.

INVOICE

51620

DATE

4-19-22



PATIENT

CJ Flanagan

SPECIES

Canine

BREED

Greyhound

SEX

Female

AGE

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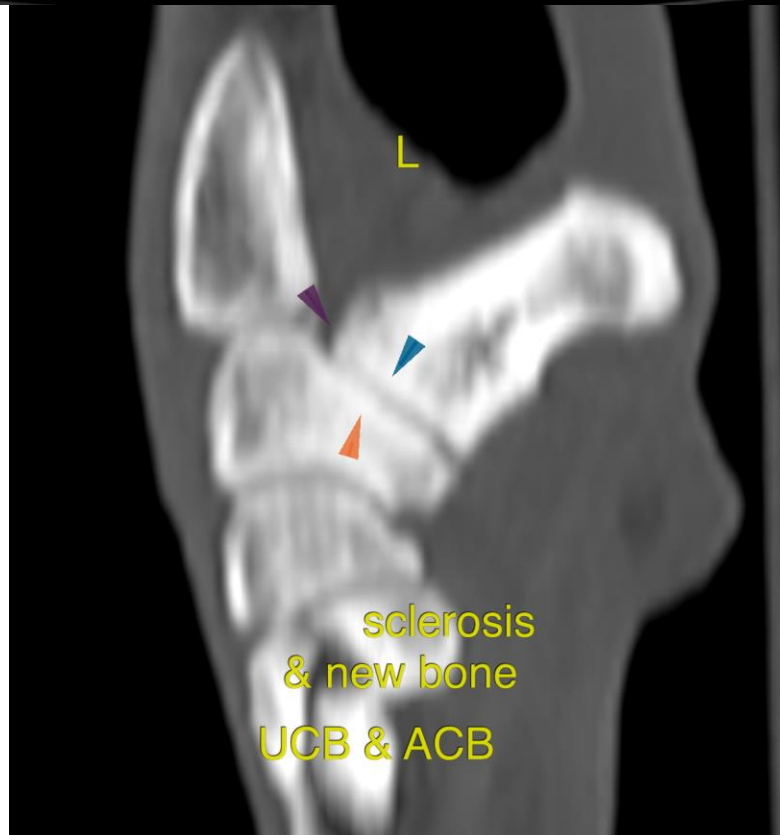
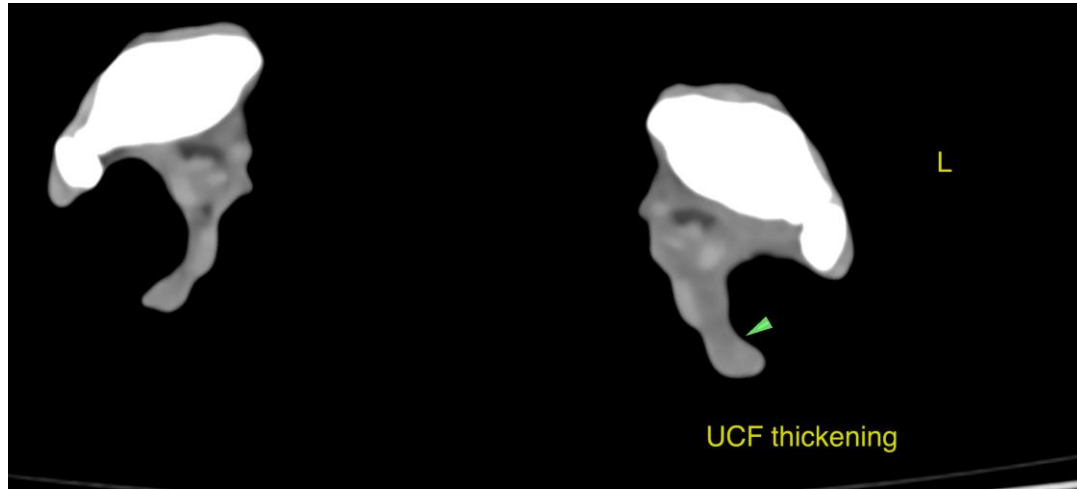
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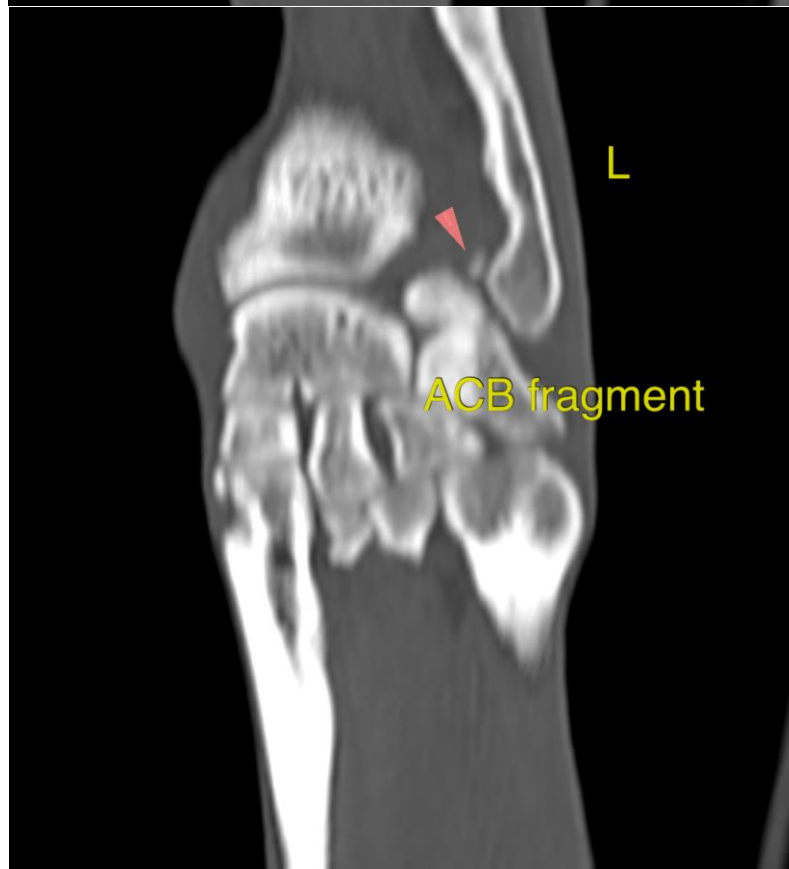
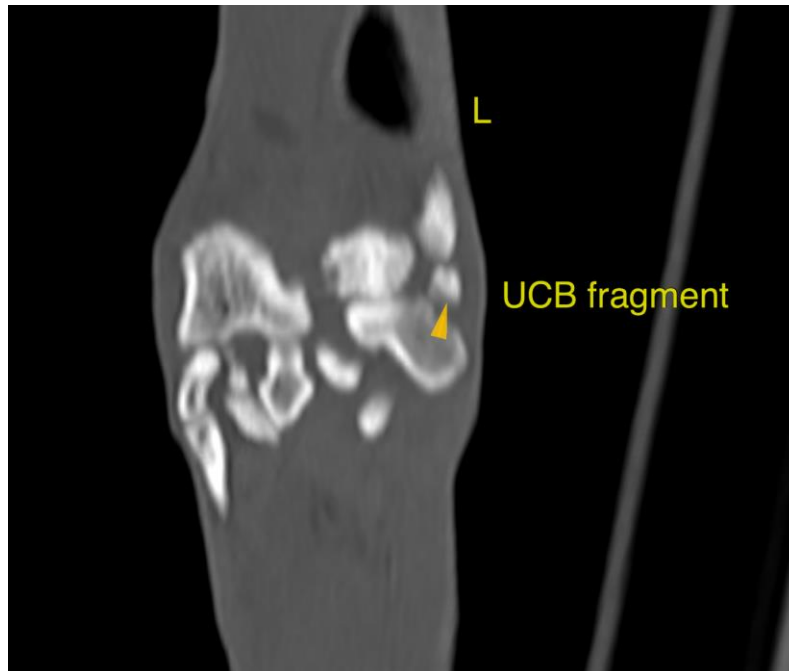
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

SPECIES

Canine

Thank you for this referral. If the clinical or image interpretation does not parallel your findings or if I can be of any further assistance please contact me.

BREED

Greyhound

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Senior lecturer University of Giessen, Germany, Veterinary Faculty, Department of Radiology
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