



PATIENT

Ella Stringham

SPECIES

Canine

BREED

Mixed Breed

SEX

FS

AGE

4Y, 8M

WEIGHT

25.8kg

INTERPRETED BY

Nele Eley (Ondreka),
DVM Dr. med. vet.,
DipECVDI

IMAGING PERFORMED BY

Burton

HOSPITAL NAME

Mountain West
Veterinary Specialists

REFERRING VET

Burton

INVOICE

74091

DATE

3-9-26

PRESENTING CLINICAL SIGNS

- progressive right front lameness
- joint taps normal
- previous hx of Ehrlichiosis

COMPUTED TOMOGRAPHIC STUDY OF THE CARPI

Plain and post contrast studies are available for review.

COMPUTED TOMOGRAPHIC FINDINGS

There is incomplete fusion of the radiocarpal bone bilaterally characterized by persistent separation between the medial and lateral portions of the bone. The separation is more pronounced in the right carpus where there is greater lack of fusion between the medial and lateral portions of the radiocarpal bone. The right radiocarpal bone demonstrates marked subchondral bone sclerosis.

Both carpi show moderate articular and periarticular soft tissue swelling more pronounced on the right. In addition, there are periarticular osteophytes in the joint margins of the antebrachio-carpal joint and mild remodeling of the adjacent articular margins consistent with degenerative joint changes. No fractures, aggressive osseous lesions or luxation is seen.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Bilateral incomplete fusion/bipartite configuration of the radiocarpal bone more pronounced on the right.
- Associated degenerative joint disease and articular and periarticular soft tissue swelling.

INTERPRETATION OF FINDINGS & FURTHER RECOMMENDATIONS

The imaging findings are compatible with a bilateral developmental abnormality of the radiocarpal bones with secondary osteoarthritis. Incomplete fusion of the radiocarpal bone is a developmental anomaly that can predispose to abnormal joint biomechanics and secondary degenerative joint disease as well as self-perpetual arthritis.

The signs of chronic osteoarthritis indicate chronic articular stress which can be clinically significant and explain the patient's lameness. Given the patient's history of ehrlichiosis, inflammatory or immune mediated arthritis cannot be completely excluded despite the structural abnormalities observed on CT. Orthopedic correlation is recommended. Repeat or additional joint fluid analysis to exclude concurrent infectious or immune mediated arthritis particularly given the patient's history is recommended. Orthopedic consultation can be considered to discuss potential long term management options.



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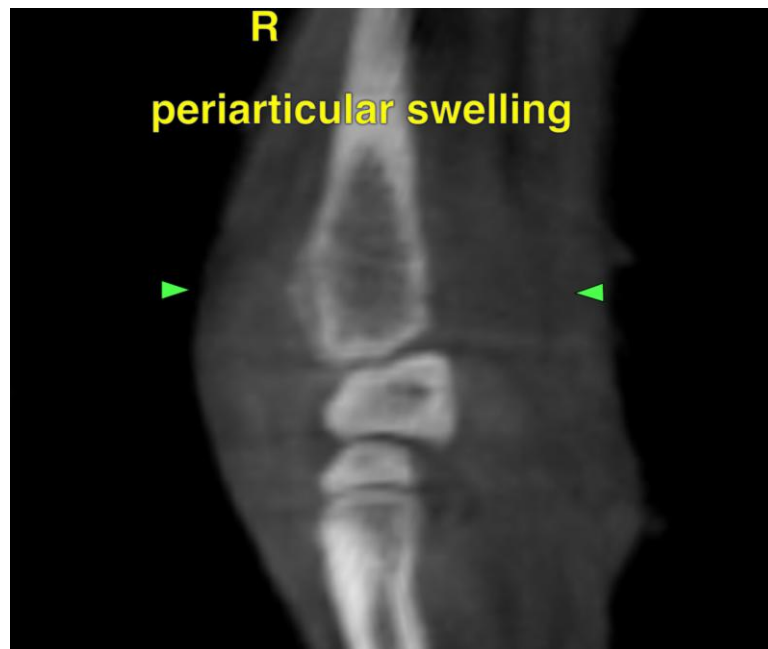
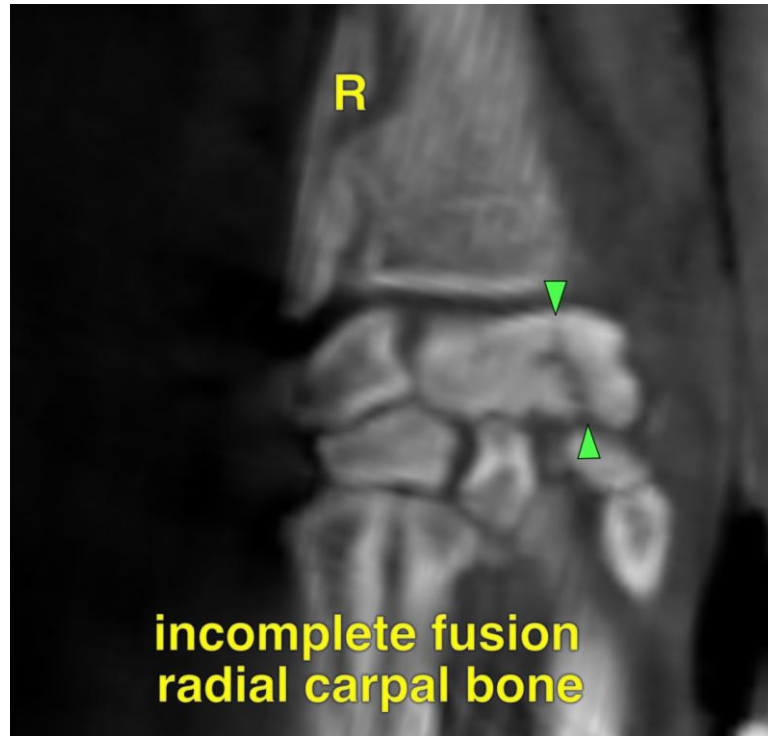
Burton

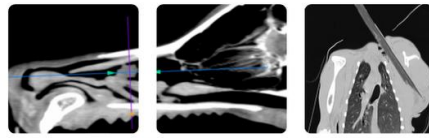
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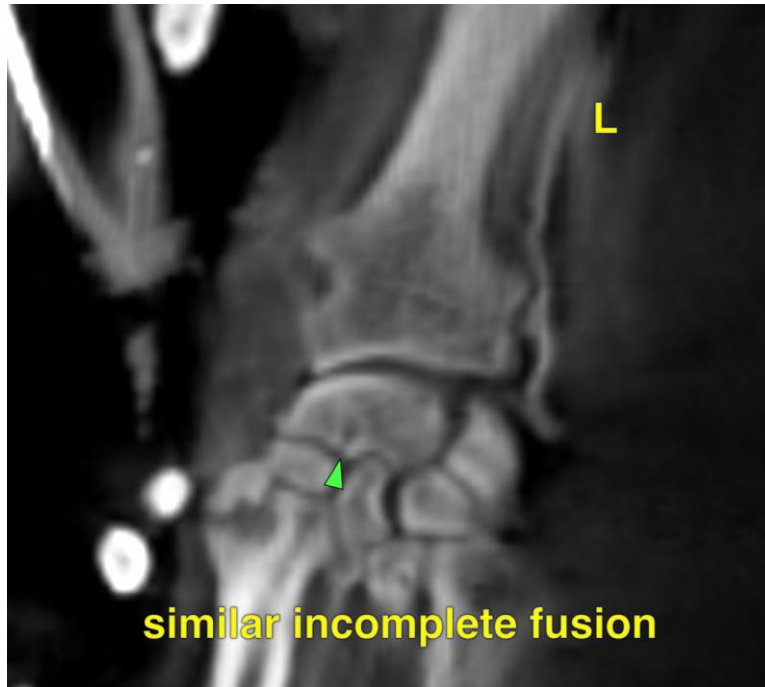
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similar incomplete fusion

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

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.

Nele Eley (Ondreka), DVM, Dr. med. vet., DipECVDI
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