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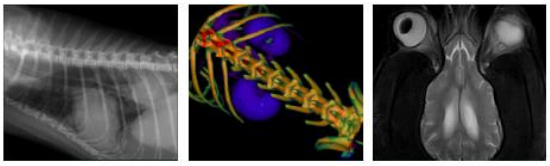

PATIENT

Abbey Almost Home Rescue

SPECIES

Canine

BREED

Bloodhound

SEX

Spayed Female

AGE

6 Months

INTERPRETED BY

Sebastian Schaub, DVM Dr. med. vet. DipECVDI

HOSPITAL NAME

Animal Surgical Center

REFERRING VET

Rescue

INVOICE

17870

DATE

10/20/22

PRESENTING CLINICAL SIGNS

History: Left front leg lameness
Abnormal PE/Chem/CBC/UA Results:

COMPUTED TOMOGRAPHIC STUDY OF THE FRONT LIMBS

A high resolution plain CT study of the front limbs is provided for review.

COMPUTED TOMOGRAPHIC FINDINGS

The growth plates are age related visible.

Both shoulder joints present smooth osseous margins and the surrounding soft tissue structures are within normal limits.

The medial coronoid process of the right elbow joint is well-defined and has a homogeneous density, unremarkable. The anconeal process of the right elbow joint is demarcated from the ulna by an irregular hypodense zone with sclerosis of the associated osseous margins. The surrounding soft tissue structures of the right elbow joint are within normal limits. The joint space of the right elbow joint is congruent.

The periarticular bones of the left elbow joint present mild osteophyte new bone formation. The anconeal process of the left elbow joint is separated from the ulna by an irregular hypodense zone with moderate surrounding sclerosis. The medial coronoid process of the left elbow joint has a mild irregular tip and presents a heterogeneous density with an incomplete fissure line running from the cranial tip caudomedially. The left elbow joint presents an incongruent joint space due to mild shortening of the ulna and radio-ulnar step formation of 1.8 mm.

The osseous and surrounding soft tissue structures of the antebrachium and carpal joint bilaterally are within normal limits.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Coronoid disease left elbow joint
- Ununited anconeal process elbow joints bilaterally
- Mild degenerative osteoarthrosis elbow joints bilaterally
- Normal shoulder joints

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT study is consistent with bilateral elbow dysplasia with an ununited anconeal process of both elbow joints (normally fuses to the ulna with 5 month of age) and coronoid disease of the left elbow joint. The latter is considered as the most likely underlying cause for the left front limb lameness.

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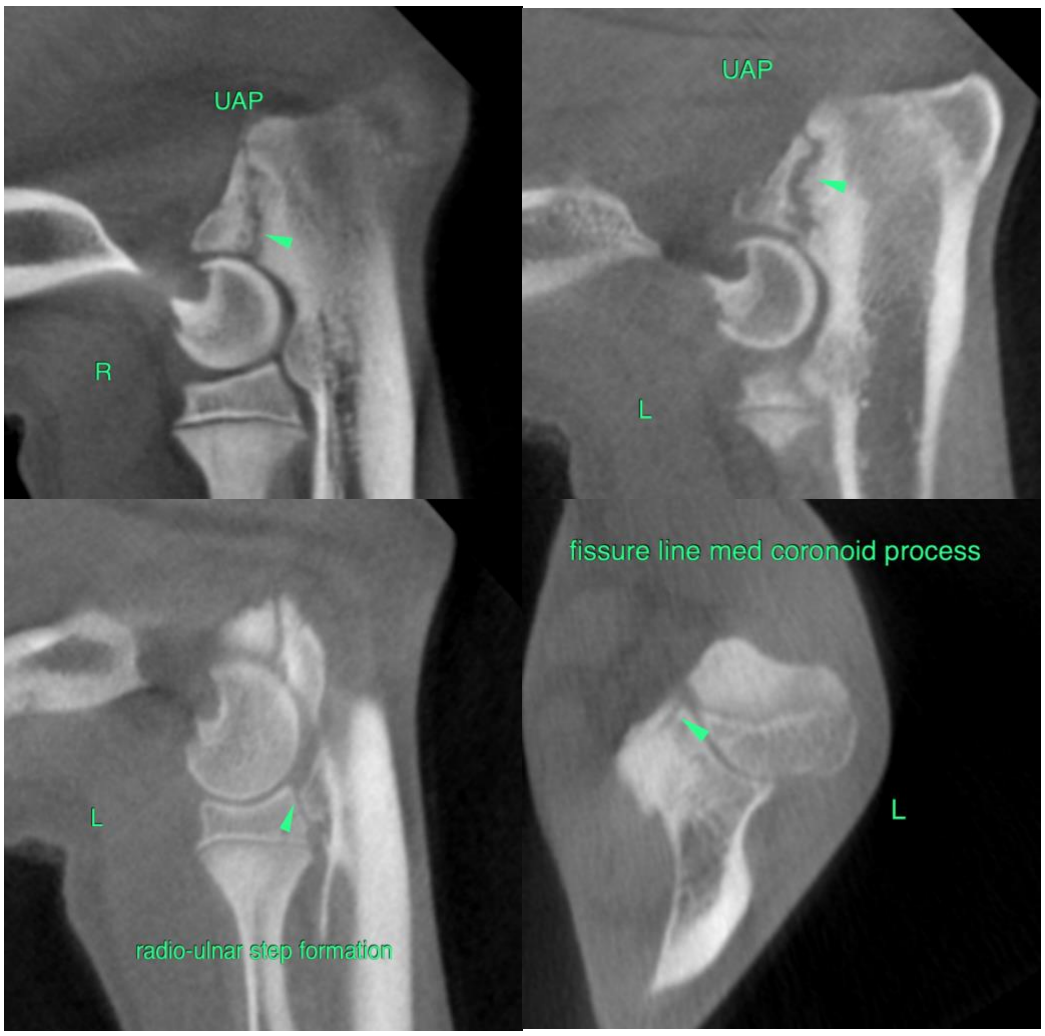
Arthroscopy of the at least the left elbow joint is recommended to revise the elbow joint and remove the fragments of the medial coronoid process ± anconeal process and prevent further damage. As there is radio-ulnar step formation of the left elbow joint, recommend discussing the chances of dynamic double oblique proximal ulna osteotomy with orthopedic surgeon.

The anconeal processes might still fuse to the ulna or present fibrous connection.



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.

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.

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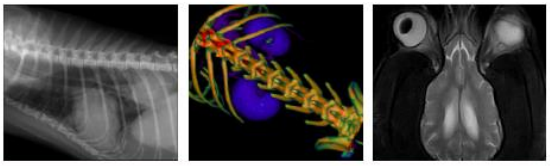

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