



PATIENT

Harry Winters

PRESENTING CLINICAL SIGNS

Harry, a 8 1/2 months old in tact male Golden Retriever, was presented to the Toronto Animal Health Partners Surgery Service for evaluation of a limping front right elbow. The limping was initially noticed when he is done being active. The limping is inconstant and no defined activity that makes it worse. End of may for sure (few months ago). Still very active, not showing the owner that he needs to slow down at all.

SPECIES

Canine

COMPUTED TOMOGRAPHIC STUDY OF THE ELBOWS

BREED

Plain study in both and soft tissue windows available for review.

Golden Retriever

COMPUTED TOMOGRAPHIC FINDINGS

Right Elbow

SEX

M

Two approximately 4 x 2.5mm sized demineralized fragments are isolated from the tip of the right medial coronoid process. The base of the medial coronoid process presents sclerosis with loss of its trabecular bone pattern. Radioulnar step formation and radioulnar incisure asymmetry are noted. The subchondral bone attenuation is heterogeneous in the medial humeral condyle. A moderate amount of periarticular osteophytes are seen.

AGE

8 Months

Left Elbow

A 5 x 1mm sized elongated fragment is isolated from the tip of the left medial coronoid process. The base presents sclerosis with loss of its trabecular bone pattern. A small subchondral bone defect is seen in the medial humeral condyle and surrounding by peripheral sclerosis. A mild radioulnar step formation and radioulnar incisure asymmetry are noted. There is a moderate amount of periarticular osteophytes.

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

COMPUTED TOMOGRAPHIC DIAGNOSIS

HOSPITAL NAME

Animal Health Partners

- Bilateral medial coronoid pathology with fragmentation
- Suspect kissing lesion of the right elbow.
- Kissing lesion versus medial humeral condyle osteochondritis of the left elbow.
- Mild to moderate bilateral elbow osteoarthritis.

REFERRING VET

Dr. Lea Mehrkens

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

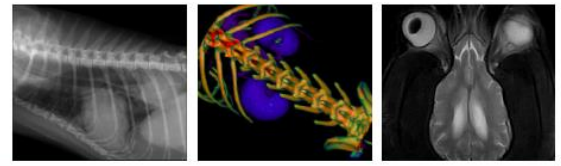
The CT study reveals bilateral medial coronoid pathology with isolated fragments on the tip of the medial coronoid processes. The heterogeneous distribution of the attenuation in the medial humeral condyle's subchondral bone in the right elbow suggests potential for a kissing lesion. The defect in the medial humeral condyle of the left elbow may as well represent an additional primary osteochondritis lesion. Note the presence of relatively advanced degenerative changes in both elbows in this very young dog already. Bilateral arthroscopy of the elbows is recommended.

INVOICE

53177

DATE

7-29-22



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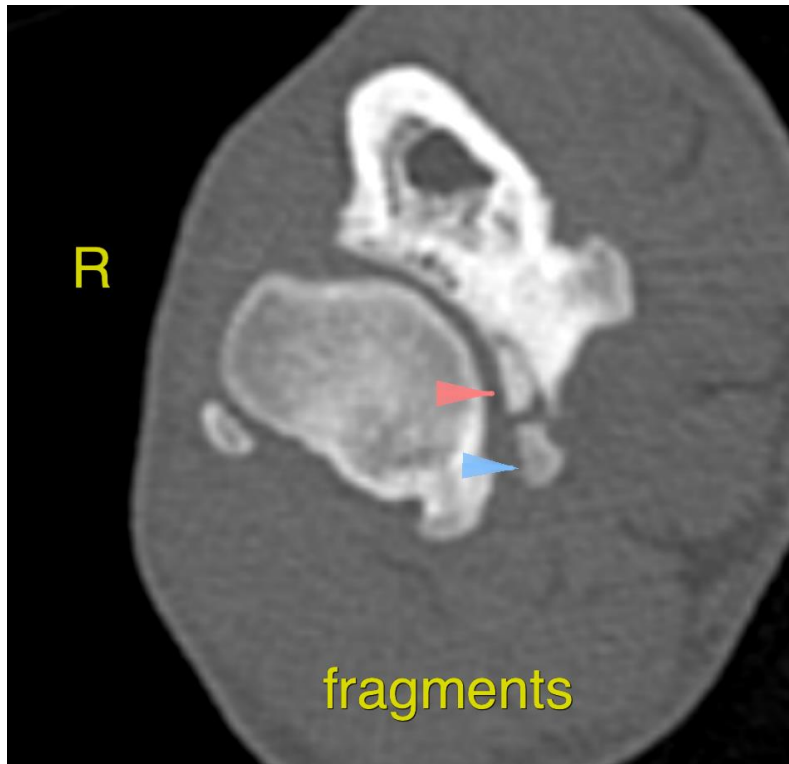
Dr. Lea Mehrkens

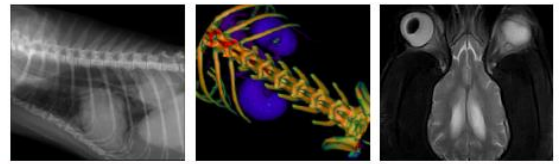
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

SPECIES

Canine

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