



PATIENT PRESENTING CLINICAL SIGNS

PATIENT
Belle VanLaere

SPECIES
Canine

BREED
Labrador Retriever

Started limping mid September 2021 on right front leg and continues to favor front-is better, but still sore. Exam in Sept: tender on palpation of right distal ulnar growth plate and painful on bicipital stretch. Left tender on extension of biceps tendon, normal medial shoulder stability on palpation of both. Rads: narrowing distal ulnar growth plate. Repeat rads in December 2021. Report from Vital rads: The left and right radius and ulna are symmetric in appearance, and both distal ulnar growth plates are closed and symmetric. The left medial coronoid process is poorly delineated on the lateral image. The carpal regions are normal. Radiographic Conclusions/Recommendations: Possible left medial compartment disease. This should be correlated to palpation. A CT of the elbow joints could be considered for further evaluation if indicated. Patient was spayed at today's appointment after the CT procedure. Normal Chem/CBC today.

COMPUTED TOMOGRAPHIC STUDY OF THE ELBOWS & SHOULDERS

SEX
Plain and post contrast studies available for review.

FS

COMPUTED TOMOGRAPHIC FINDINGS

Left Elbow

AGE
1 Year

A 2 mm sized rounded sclerotic fragment is isolated from the tip of the medial coronoid process and positioned within the radioulnar incisure. The remainder of the medial coronoid process presents sclerosis with loss of its trabecular bone pattern. Mild remodeling of the periarticular margins is seen.

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

Right Elbow

Heterogeneous decrease in attenuation and radioulnar incisure incongruity is seen in the same position as the fragment in the left elbow in the right medial coronoid process. The base of the right medial coronoid process presents extensive sclerosis with loss of its trabecular bone pattern. Mild periarticular margin remodeling is seen.

HOSPITAL NAME

Casselton Vet Service

Shoulders

REFERRING VET

Brad Bartholomay

Both shoulders present within normal limits. No evidence of articular effusion or synovial sheath effusion of the biceps tendon is seen. The subchondral bone surface is intact and smooth. There is no evidence of osteoarthritic changes.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Bilateral medial coronoid pathology with fragmentation of the medial coronoid process on the left side and bilateral early degenerative joint disease of the elbows.
- Normal CT findings of both shoulders.

INVOICE

52082

DATE

5-10-22

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT study reveals evidence of medial coronoid pathology within both elbows. An isolated fragment is seen in the tip of the medial coronoid process level with the radioulnar incisure in the left elbow. The findings of the right medial coronoid process suggest presence of osteomalacia or



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microcracks. Consider bilateral arthroscopic revision of the elbows in order to prevent further damage to the articular structures.

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REFERRING VET

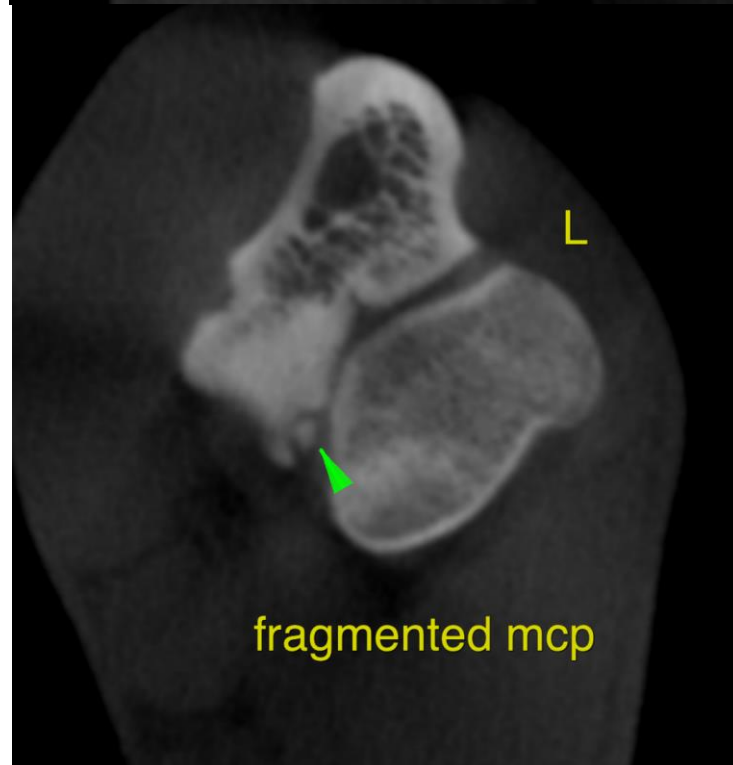
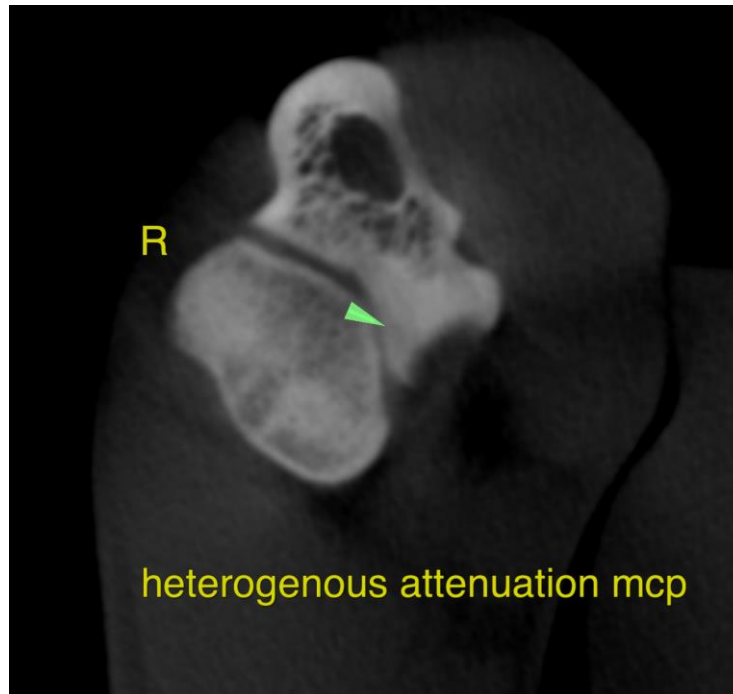
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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

Labrador Retriever

Nele Eley, DVM, Dr. med. vet., DipECVDI
European Specialist in Veterinary Diagnostic Imaging, Cert. Radiology,
Senior lecturer University of Giessen, Germany, Veterinary Faculty, Department of Radiology
Nele.Eley@sonopath.com

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