



**PATIENT PRESENTING CLINICAL SIGNS**

**PATIENT**  
Moose Perkins

**SPECIES**  
Canine

**BREED**  
Labrador X

Moose, a 1 year 4 month old Male Neutered Labrador X, was presented to the Toronto Animal Health Partners Surgery Service for evaluation of a left thoracic limb lameness; suspect historic anconeal process fracture. As a 10 week-old puppy he fell off the couch and injured the elbow. Radiographs were taken and previous veterinarian recommended to monitor. Moose has been intermittently limping, but can run and play well. Lameness worse after intense exercise. Lameness noticed every few days; often at the end of the day for the duration of an hour. O has since changed family veterinarians and radiographs were re-taken. No progression of lameness. Normal EDUD; No VDSC. Two daily walks, several kilometres each. Also has a few acres to run and play on; always outside..

**COMPUTED TOMOGRAPHIC STUDY OF THE ELBOWS**

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

**SEX COMPUTED TOMOGRAPHIC FINDINGS**

**MN**  
**Left Elbow**

The anconeus process is completely fused to the ulna. A demineralized fragment is isolated from the tip of the left medial coronoid process. The fragment measures approximately 12 x 5mm. Multiple smaller submillimeter sized fragments are seen in the radioulnar incisure. There is a kissing lesion surrounded by peripheral sclerosis in the medial humeral condyle. Mild radioulnar step formation is noted, and moderate amount of periarticular osteophytes are seen.

**Right Elbow**

A discrete fissure line is seen in the tip of the right medial coronoid process. The base of the medial coronoid process presents extensive sclerosis with loss of its trabecular bone pattern. Radioulnar incisure incongruity and a mild radioulnar step formation are noted. The subchondral bone of the humeral condyle is intact. A mild amount of periarticular osteophytes is seen. The anconeus process is completely fused to the ulna.

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

- Bilateral medial coronoid pathology with secondary osteoarthritis.

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The CT study reveals bilateral medial coronoid pathology. A large fragment is isolated from the tip of the medial coronoid process in the left elbow. Multiple very small fragments are seen in the radioulnar incisure. There is a subchondral bone defect in the medial humeral condyle in terms of a kissing lesion which suggests cartilage breakdown in the medial joint compartment. Moderate secondary osteoarthritic changes are seen.

A fissure is presents in the tip of the right medial coronoid process. There are mild secondary osteoarthritic changes at this point.

Bilateral elbow arthroscopy is recommended in order to remove the fragments and prevent further damage to the articular structures.

**INTERPRETED BY**  
Nele Eley, DVM  
Dr. med. Vet. DipECVDI

**HOSPITAL NAME**  
Animal Health  
Partners

**REFERRING VET**  
Lea Mehrkens

**INVOICE**  
53037

**DATE**  
7-22-22



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**BREED**

Labrador X

**SEX**

MN

**AGE**

1 Year, 4 Months

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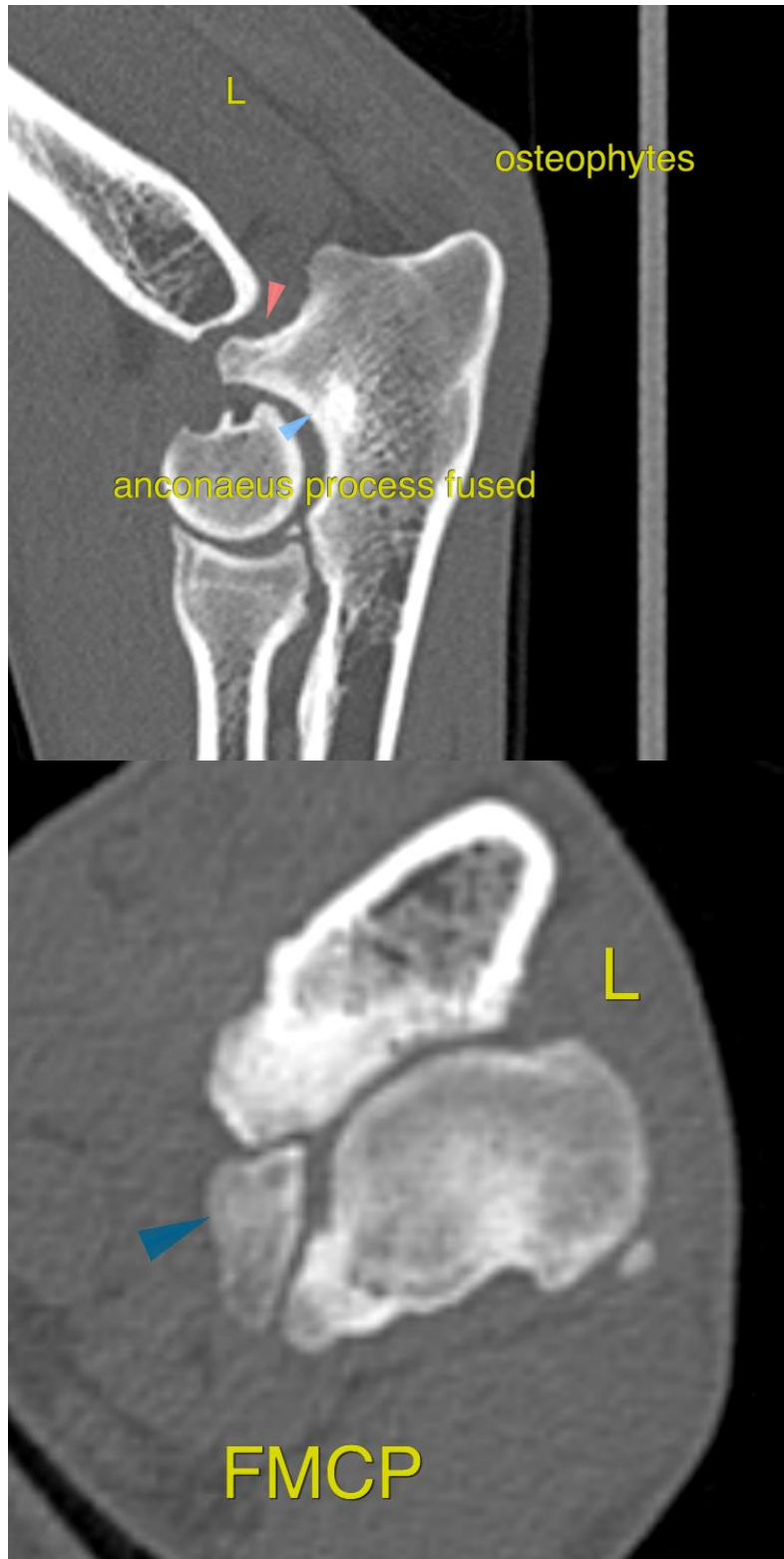
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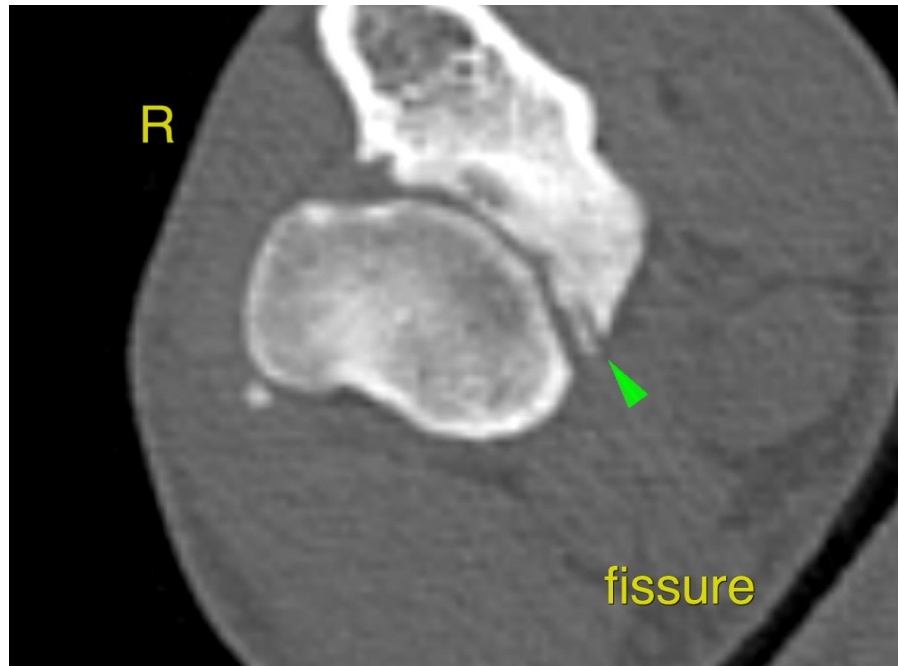
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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