



PATIENT PRESENTING CLINICAL SIGNS

Murphy Dreger On/Off lameness of front limbs, suspect L>R. Crepitation appreciated in L carpus on exam. Owner reports Murphy yelping when he tries to lower his front end laying down. Not much improvement on NSAID

SPECIES Abnormal PE/Chem/CBC/UA Results: Unremarkable chemistry. UTI noted on UA today, unrelated

Canine

RADIOGRAPHIC STUDY OF THE FRONT LIMBS

A complete set of radiographs of both front limbs is provided for review.

BREED

Newfoundland X

RADIOGRAPHIC FINDINGS

Shell like mineralization are seen at the cranioproximal aspect of the greater tubercle of the humerus bilaterally. The osseous margins of both shoulder joints are smooth and no additional abnormalities of the surrounding soft tissue structures are appreciated.

SEX

Neutered Male

Both elbow joints present smooth osseous margins. The contour of the medial coronoid process of both elbow joints is well defined and has a homogeneous density. In the craniocaudal projection of the elbow joints, at the distal aspect of the medial humeral epicondyle bilaterally, small linear mineralization are seen.

AGE

4 Years

The carpal joint present smooth osseous margins and without signs of pathological soft tissue swelling.

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

The osseous and surrounding soft tissue structures of both front paws are within normal limits.

RADIOGRAPHIC DIAGNOSIS

- Mineralization cranioproximal aspect greater tubercle humerus bilaterally
- Possible flexoenthesopathy elbow joints bilaterally
- Normal carpal joints

HOSPITAL NAME

Lacombe Veterinary
Centre

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The mineralization at the cranioproximal aspect of the greater tubercle of the humerus bilaterally is suggestive for calcifying tendinopathy of the tendon of the supraspinatus muscle, dystrophic mineralization of the overlying soft tissues is a consideration as well. Commonly calcifying tendinopathy of the supraspinatus muscle is an incidental finding. Anyway check if pain can be elicited by maximum flexion of the shoulder joints and pressure on the bicipital tendon. An ultrasound examination of the shoulder joints can be considered to rule out tendinopathy of the bicipital tendon or rotator cuff injury.

REFERRING VET

Dr. Cindy Nowle

INVOICE

53889

The mild striated mineralization distal to the medial humeral epicondyle can indicate flexoenthesopathy, that might be a source of lameness in few cases, in the current case the mineralization are only small, and the clinical relevance is questionable – a CT study including a post contrast study of the elbow joints can be used for further definition.

DATE

9-1-22



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Murphy Dreger

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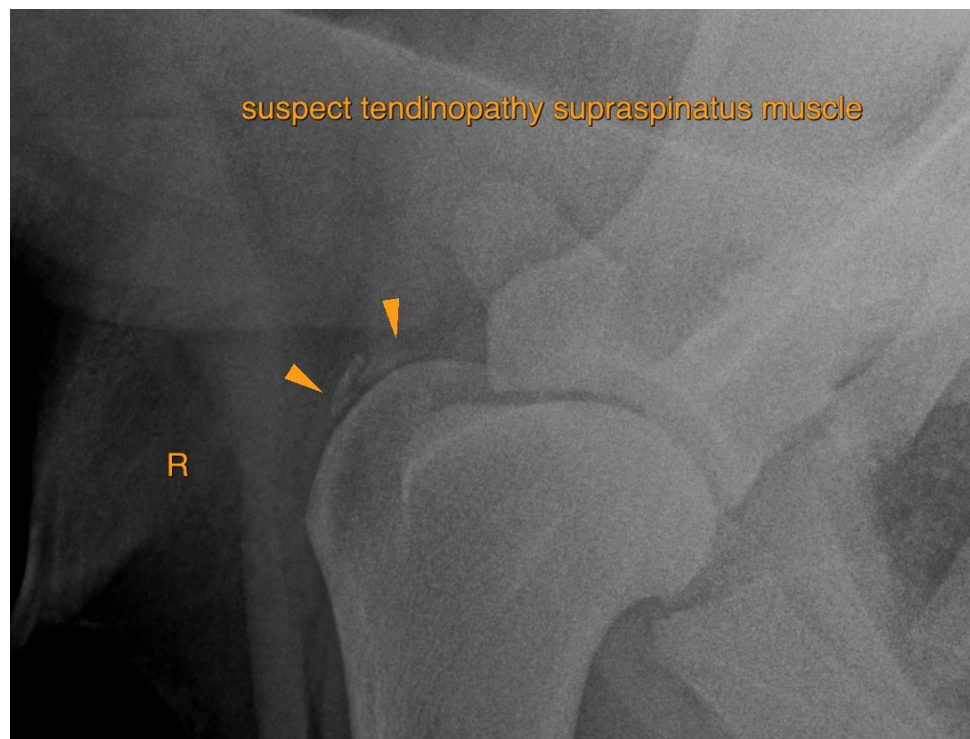
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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