



PATIENT PRESENTING CLINICAL SIGNS

PATIENT Pepper Toews
PRESENTING CLINICAL SIGNS R Anal Sac Adenocarcinoma. On 50 mg Palladia EOD for HUGE anal sac adenoma carcinoma. Is having epistaxis EOD. 4 days ago dog became NWB on LFL after falling. Is still NWB on LFL. E/D well. On 25 mg pred SID for cancer. CBC 3 days ago was normal except mild anemia.

SPECIES Abnormal PE/Chem/CBC/UA Results: NWB LFL, knuckling on the toes. Normal radius and ulnar nerve reflexes. Very poor W/D reflex, but dog is very painful on palpation of the cranial aspect of LFL shoulder joint. Non painful on the left bicipital bursa. Tender on all shoulder glides today. Shoulder is dropped and is touching the dorsal aspect of paw on ground. Will not put into palmagrade. Tender on LFL shoulder extension and flexion. diffuse bony opacity at cranial LFL shoulder joint and discrete round opacity to medial proximal humerus. DDX: 1) bony neoplasia LFL shoulder joint 2) unusual bicipital bursitis - bursa is not painful 3) brachial plexus avulsion - unlikely with normal peripheral reflexes.

BREED Labrador Retriever X

RADIOGRAPHIC STUDY OF THE LEFT SHOULDER

SEX Mediolateral and craniocaudal views of the left shoulder totaling 2 images available for review.

Spayed Female

RADIOGRAPHIC FINDINGS

AGE A flat subchondral bone defect and a heterogeneous subchondral bone opacity are seen in the caudal contour of the humeral head. Regional sclerosis of the subchondral bone is noted.

9 Years, 10 Months

There is a moderate amount of periarticular osteophytes within the glenoid cavity and humeral head.

INTERPRETED BY

Nele Eley, DVM
 Dr. med. Vet. DipECVDI

A 4 x 3mm sized spherical mineral opaque structure is seen medial to the proximal humerus.

Increased opacity of the intertubercular groove of the biceps tendon is noted.

HOSPITAL NAME

River Valley
 Veterinary Wellness
 Clinic

The included left elbow presents within age related normal limits.

RADIOGRAPHIC DIAGNOSIS

- Osteochondritis of the left humerus.
- Suspect dissecate in the subscapular recess, DDX: osteochondromatosis
- Moderate left shoulder osteoarthritis
- Suspect intertubercular groove exostosis.

REFERRING VET

Dr. Jennifer Stelfox

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The radiographic findings support the presence of osteochondritis dissecans of the humeral head. The irregular subchondral bone opacity in the caudal contour of the humeral head supports presence of disturbed ossification. The defect appears to be flat. Moderate secondary osteoarthritic changes are seen.

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The spherical structure in the subscapular joint pouch may represent a mineralized dissecate or synovial osteochondroma. Furthermore, there is evidence of an intertubercular groove exostosis which indicates potential for chronic biceps tenosynovitis.

DATE

11-29-22

The changes of the left shoulder are overall mild to moderate, and it remains uncertain whether



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the findings suffice to explain a fully non-weight bearing lameness.

Pepper Toews

SPECIES

Canine

BREED

Labrador Retriever X

SEX

Spayed Female

AGE

9 Years, 10 Months

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REFERRING VET

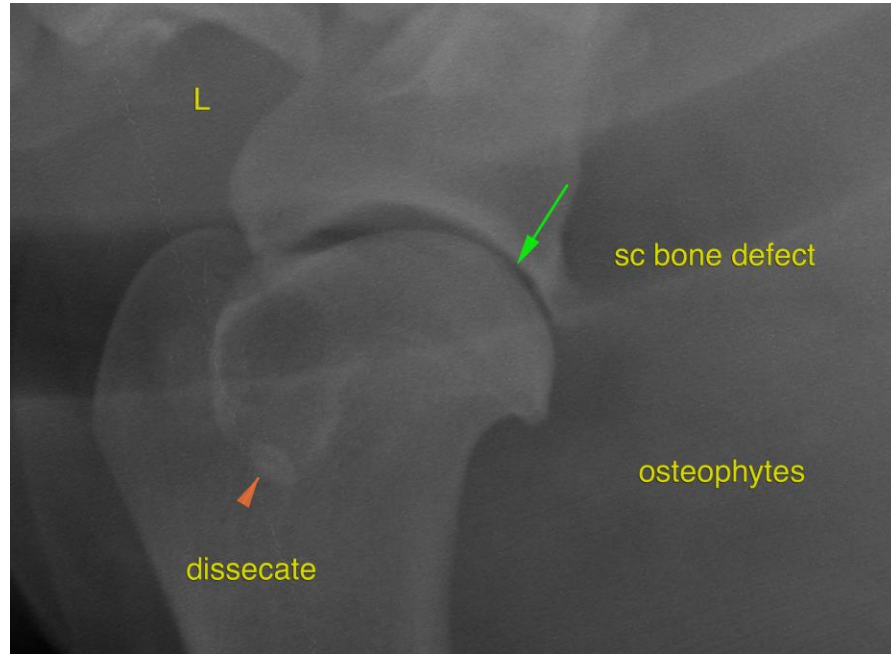
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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