



PATIENT

Penny Schumacher

SPECIES

Canine

BREED

Labrador Retriever

SEX

FS

AGE

4Y

WEIGHT

83.2

INTERPRETED BY

Tilde Rodrigues Froes,
DMV, MSc., Dr. Med
Vet., Dipl. CBraRVet

IMAGING PERFORMED BY

Dr. Raul Casas-Dolz

HOSPITAL NAME

State Avenue Vet
Clinic

REFERRING VET

Dr. Raul Casas-Dolz

INVOICE

72485

DATE

11-3-25

PRESENTING CLINICAL SIGNS

Last December P was out running in cattails and hit a woven wire fence. She was lame for a while but came out of it. She rested most of the summer. O started working her in August, running 2-3 miles a day with no issues of the leg bothering. 2nd day of hunting, hunted thick CRP ground and she did not want to jump out of the vehicle but will jump in. Carprorfen/Gabapentin doesn't seem to help much. Abnormal PE/Chem/CBC/UA Results: Right forelimb: offloading when standing, lameness at walk and trot Right elbow: mild pain with hard flexion and carpal supination No other sig findings on palpation or manipulation of neck or rest of the leg (incl testing for MSI, supraspinatus and biceps eval)

COMPUTED TOMOGRAPHIC STUDY OF THE THORACIC LIMBS – RIGHT SHOULDER JOINT AND ELBOW JOINTS

Non-contrast CT study of the thoracic limbs was provided for review, totaling two series. The study includes the right shoulder and elbow joints, reconstructed using bone algorithms.

COMPUTED TOMOGRAPHIC FINDINGS

Right Thoracic Limb

A small mineral focus (1.9 mm) is present at the border of the greater tubercle of the humerus. There is discrete sclerosis in the intertubercular groove. The scapulohumeral joint is congruent.

In the elbow joint, the medial coronoid process shows mixed attenuation with areas of sclerosis and a hypoattenuating apex.

On dorsal and sagittal reformatted images, the humeroulnar and humeroradial joints are congruent.

Left Thoracic Limb

In the elbow joint, the medial coronoid process also demonstrates mixed attenuation with sclerosis and a hypoattenuating apex, without adjacent osteophytosis.

On dorsal and sagittal reformatted images, the humeroulnar and humeroradial joints are congruent.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Bilateral medial coronoid process sclerosis and a hypoattenuating apex. Differential diagnoses include bilateral medial coronoid disease.
- Right shoulder: small mineral focus at the border of the greater tubercle and discrete sclerosis in the intertubercular groove. Differential diagnoses include supraspinatus muscle-tendon mineralization and early bicipital tendinopathy or tenosynovitis.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The elbow tomographic findings differential diagnoses include with incipient bilateral medial coronoid disease.

The presence of a mineral focus adjacent to the greater tubercle and sclerosis of the intertubercular groove may represent supraspinatus tendon mineralization and incipient bicipital tendinopathy.



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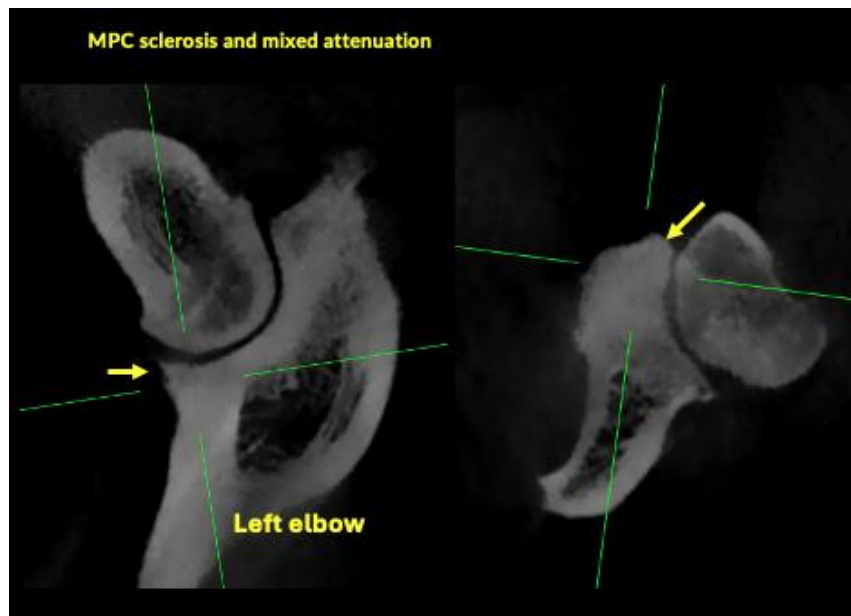
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However, supraspinatus tendon mineralization could also be considered an incidental finding and may not be clearly correlated with the observed lameness.





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Small mineral focus at the border of the greater tubercle and discrete sclerosis in the intertubercular groove



The information and recommendations provided are based on the images presented by the referring veterinarian. 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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