



PATIENT

Logan Gonnar

PRESENTING CLINICAL SIGNS

Lameness LF leg for 2 years. mostly noticeable in mornings. Mineralization evident in region of attachment of supraspinatus tendon on radiography.

SPECIES

Canine

Abnormal PE/Chem/CBC/UA Results: LF lameness - moderate normal toes, carpus, elbow ROM Shoulder flexion normal, reduced extension, medial shoulder and abduction normal, painful teres minor, tight triceps, comfortable in supra and infraspinatus, biceps tendon. Radiographs today show slight osteophytosis to anconeal region on flexed lateral elbow LF.

BREED

Rottweiler

ULTRASONOGRAPHIC FINDINGS

Left Shoulder

The left supraspinatus tendon measures an average maximum thickness of 9mm. Mild biceps impingement is noted. There is a 3.5mm sized irregular shaped nonshadowing echogenic structure with a hypoechoic halo seen in the distal portion of the left supraspinatus tendon. Two mineralizations, one of which elongated, and the second smaller and rounded, are seen in the mediolateral part of the left supraspinatus tendon. The biceps tendon presents no echoarchitectural changes of the tendon fibers. The peritendineum appears to be intact. Moderate effusion and moderate swelling of the bicipital synovium are seen. There is a mild bicipital groove exostosis. The medial glenohumeral ligament appears to be prominent, however, no obvious structural changes are seen. A mild amount of periarticular osteophytes are seen in the visible periarticular margins. Mild enlargement of the infraspinatus bursa is noted.

SEX

MN

AGE

4 Years

Right Shoulder

The right supraspinatus tendon measures an average maximum thickness of 8mm. Minimal biceps impingement is noted. There is a 3.5mm sized irregular shaped nonshadowing echogenic structure with a hypoechoic halo seen in the distal portion of the right supraspinatus tendon. One 3mm sized mineralization is seen in the distomedial part of the right supraspinatus tendon. The biceps tendon presents no echoarchitectural changes of the tendon fibers. The peritendineum appears to be intact. Mild effusion and moderate swelling of the bicipital synovium are seen. The medial glenohumeral ligament appears to be prominent, however, no obvious structural changes are seen. A mild amount of periarticular osteophytes are seen in the visible periarticular margins. Mild enlargement of the infraspinatus bursa is noted.

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVCI

HOSPITAL NAME

Cedarview Animal
Hospital

There appears to be mild muscle atrophy with fatty replacement within the bilateral supra- and infra-spinatus muscles.

REFERRING VET

Nigel Gumley

ULTRASONOGRAPHIC DIAGNOSIS

- Bilateral mineralizing supraspinatus tendinopathy with biceps impingement and biceps tenosynovitis, moderate in the left and mild in the right shoulder.
- Suspect bilateral shoulder osteoarthritis.
- Mild bilateral infraspinatus bursitis.

INVOICE

57792

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

DATE

4-13-23

The mineralizing supraspinatus tendinopathy with biceps impingement and biceps tenosynovitis appear to represent the main ultrasonographic findings. The changes are more pronounced in the



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left when compared with the right shoulder and appear to be accompanied by mild shoulder osteoarthritis and infraspinatus bursitis in both thoracic limbs.

The echogenic lesions with halo may represent “active” lesions within the supraspinatus tendons, fibrotic changes, and/or precursors of further mineralizations.

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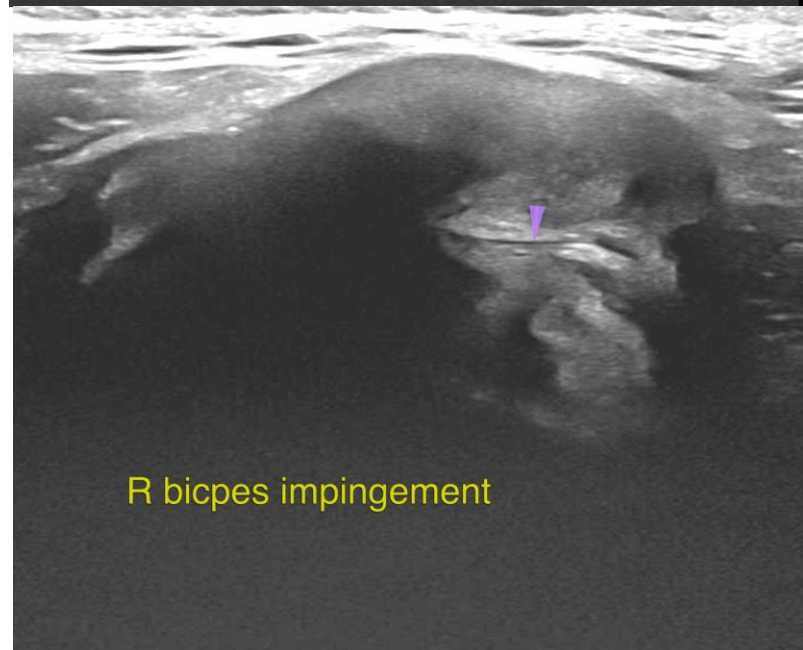
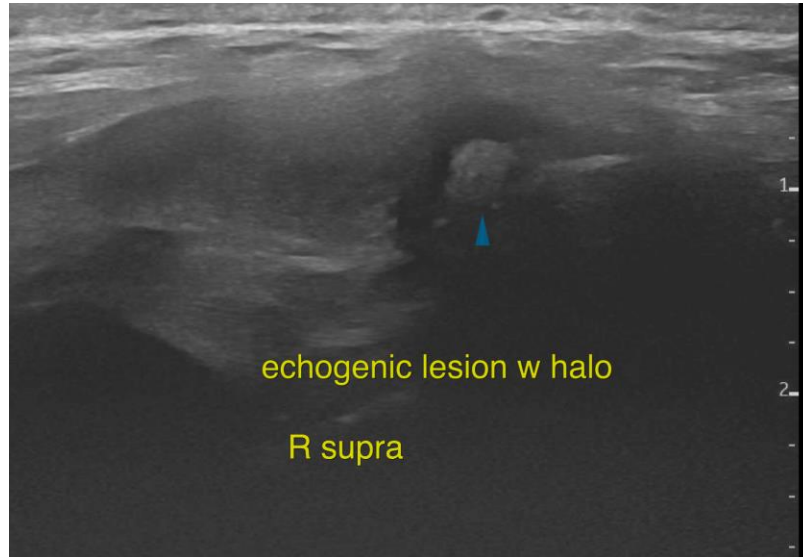
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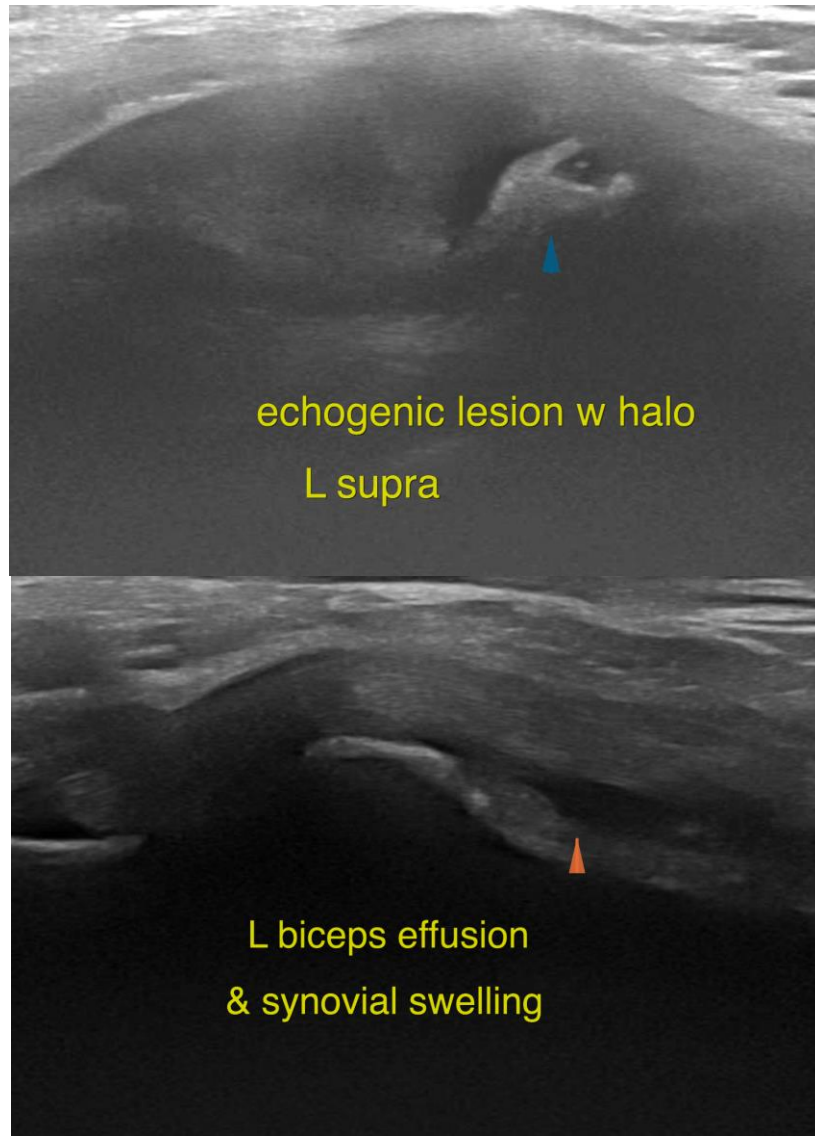
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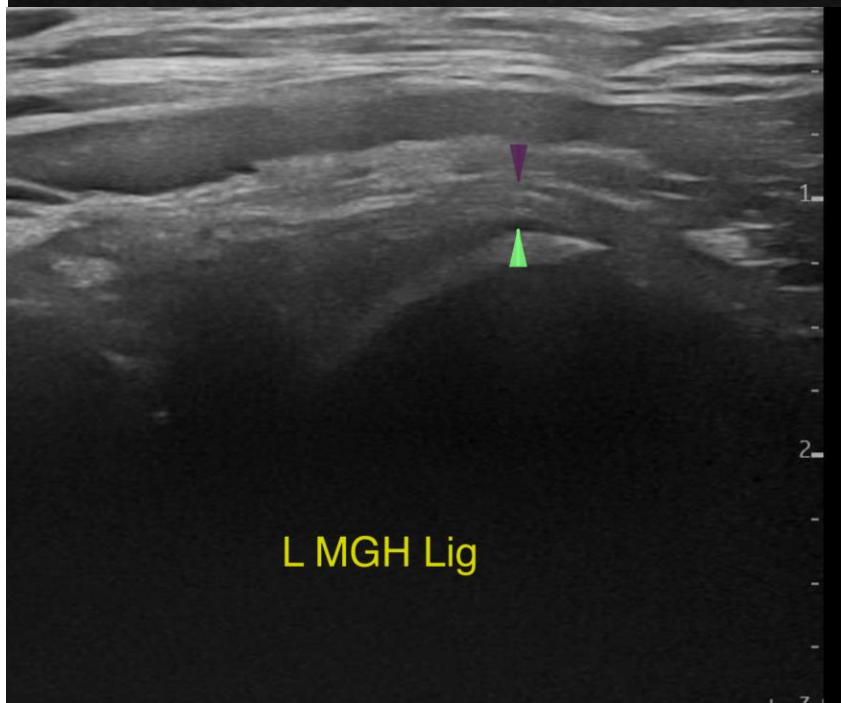
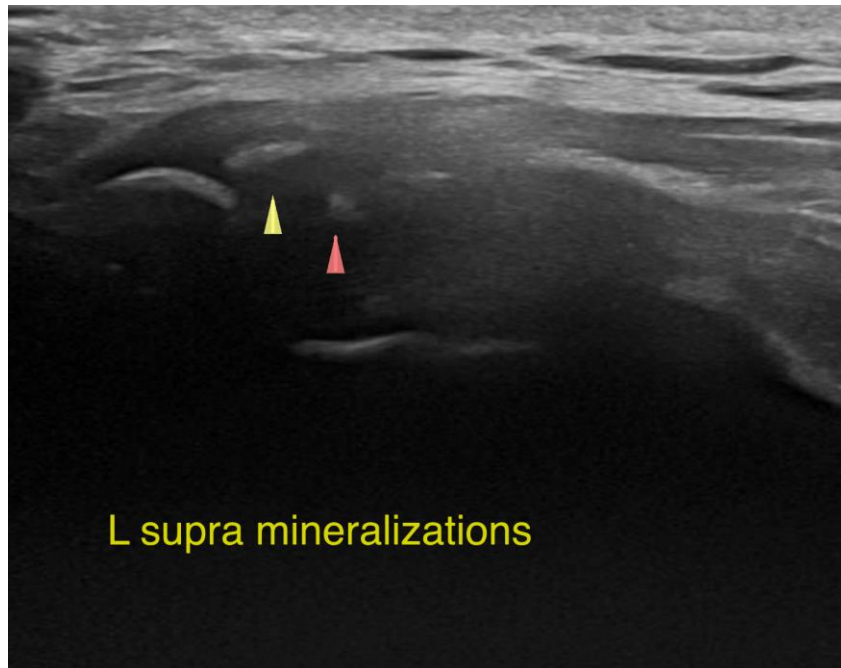
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

SPECIES

Canine

Nele Eley, DVM, Dr. med. vet., DipECVDI
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