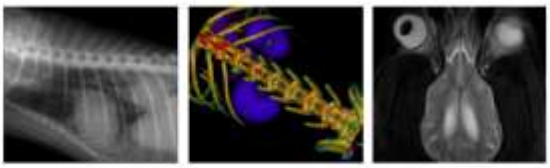
SonoPath Teleradiology

EDUCATIONAL TELECONSULTATION SERVICES™



SonoPath.com
1-800-838-4268 info@sonopath.com

PATIENT

Loki Wilshire

SPECIES

Canine

BREED

Husky

SEX

MN

AGE

4 Years

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

HOSPITAL NAME

Points East West Veterinary Services

REFERRING VET

David Lane

INVOICE

47751

DATE

10-8-21

PRESENTING CLINICAL SIGNS

Chronic history of wax waning RFL lameness. Initially, the lameness responded to routine treatment of non-specific back pain. However, recently these same treatments have failed to elicit a therapeutic benefit, and it appears that it is now a LFL lameness. Patient is very tense and reactive, which confounds detailed examination. No appendicular source of lameness can be found. Shoulders were stable under sedation.

ULTRASONOGRAPHIC FINDINGS

Left Shoulder

The supraspinatus tendon measures 7.5mm in thickness. Regional echoarchitectural remodeling is seen in the distomedial aspect of the tendon and represented by a cluster of partially shadowing echogenic foci. The delineation between the supraspinatus tendon, transverse ligament, and biceps is partially lost. There appears to be mild deviation of the biceps; however, no direct impingement can be identified in the dynamic scanning and there is no evidence of biceps tenosynovitis. No evidence of effusion, synovial swelling or echoarchitectural changes of the biceps are seen. The intertubercular groove's bone surface is even and smooth. The infraspinatus tendon presents within normal limits.

Right Shoulder

Maximum thickness of the supraspinatus tendon is 7.5mm. There is regional echoarchitectural remodeling with echogenic foci in the distomedial portion of the tendon. Mild roughening of the greater humeral tubercle's bone surface is seen in terms of early enthesophytosis. Early regional impingement of the biceps appears to be present; however, no significant amount of effusion or swelling of the synovium of the bicipital tendon sheath can be identified and the mild overall heterogeneity of the bicipital tendon fibers appear to be artifactual. The bone surface of the intertubercular groove is even and smooth.

ULTRASONOGRAPHIC DIAGNOSIS

- Bilateral supraspinatus tendinopathy without concurrent biceps tenosynovitis.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The ultrasonographic study reveals bilateral supraspinatus tendinopathy with tendency to cause biceps impingement/entrapment; however, at this point, there appears to be no significant tenosynovitis of the biceps in either of the shoulders which questions the clinical significance. The supraspinatus changes alone, however, are quite remarkable and are expected to progress which may then put the biceps tendons and their synovium under physical restriction and definitely carries the potential to irritate the tendon sheaths.

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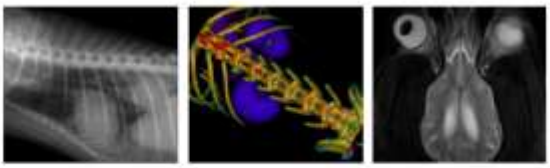

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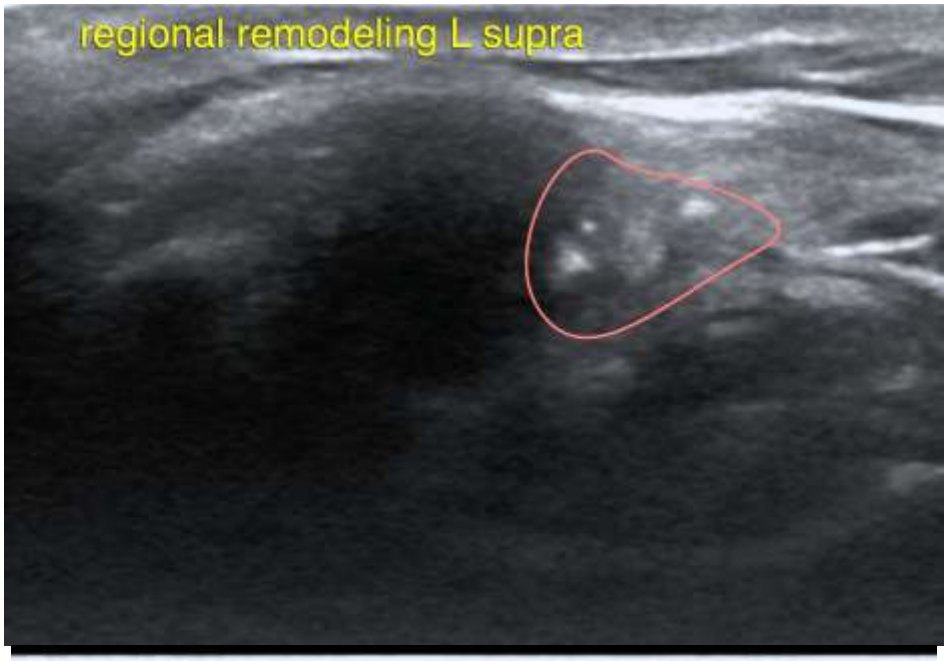

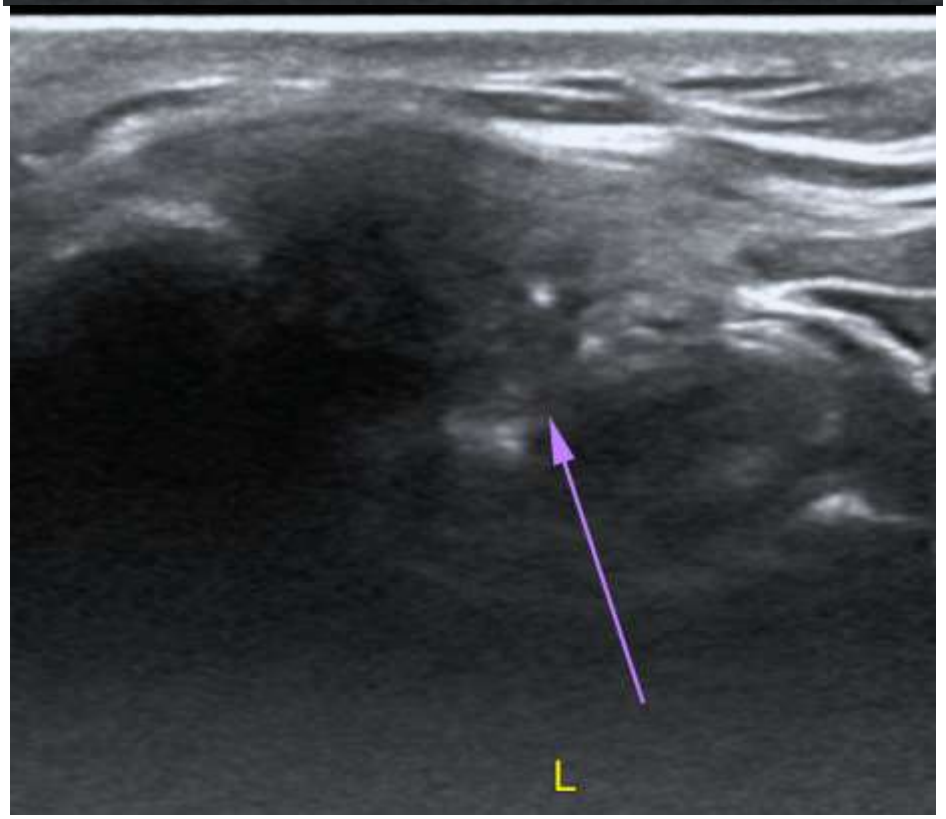

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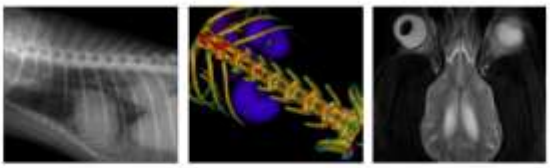

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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

Nele Eley, DVM, Dr. med. vet., DipECVDI
European Specialist in Veterinary Diagnostic Imaging, Cert. Radiology,
Senior lecturer University of Giessen, Germany, Veterinary Faculty, Department of Radiology
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