



PATIENT

Wilson Harland

SPECIES

Canine

BREED

Berger Picard

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

55763

DATE

12-21-22

PRESENTING CLINICAL SIGNS

History of a left forelimb lameness that lasts for days following heavy exercise. Aspects of the clinical history suggest cervical origin pain. No specific abnormal shoulder findings on physical examination, but at the time of examination, the lameness had resolved. Radiographs show a mild rounded enthesiophyte on the right greater tubercle, and radiopaque mottling of the left greater tubercle.

ULTRASONOGRAPHIC FINDINGS

Left Shoulder

The left supraspinatus tendon measures 8.5mm in average maximum thickness. Moderate internal echoarchitectural remodeling with multiple nonshadowing and partially shadowing echogenic lesions of up to 3mm diameter is seen. There are small enthesophytes at the insertion to the greater humeral tubercle. Biceps impingement is not seen clearly at this point. The delineation of the transverse ligament however is mildly obscured. Mild swelling of the bicipital synovium and mild effusion is seen with a mild vacuum phenomenon. The intertubercular groove's bone surface is even and smooth.

Right Shoulder

The right supraspinatus tendon measures 8.5mm in average maximum thickness. Moderate to severe internal echoarchitectural remodeling is noted with up to 4mm sized partially shadowing echogenic lesions and multiple echogenic foci. Small enthesophytes are seen at the greater humeral tubercle insertion. Biceps impingement is not clearly noted even though the delineation of the transverse ligament is mildly obscured. Mild swelling of the bicipital synovium with mild anechoic effusion is noted. The intertubercular groove's bone surface is even and smooth. No echoarchitectural changes of the biceps tendon itself are noted.

ULTRASONOGRAPHIC DIAGNOSIS

- Moderate chronic bilateral supraspinatus tendinopathy with mild biceps tenosynovitis.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The ultrasonographic study of the shoulders reveals moderate chronic bilateral supraspinatus tendinopathy with no clear biceps impingement. Only mild concurrent biceps tenosynovitis is seen. The echoarchitectural changes of the supraspinatus tendons are advanced and remarkable. However, at this point, I am not convinced that they do cause significant biceps tenosynovitis that would fully explain the severity of the patient's clinical signs nor the unilaterality of the clinical presentation. The changes are slightly more pronounced in the right shoulder, if at all, which also does not parallel the history of front limb lameness.



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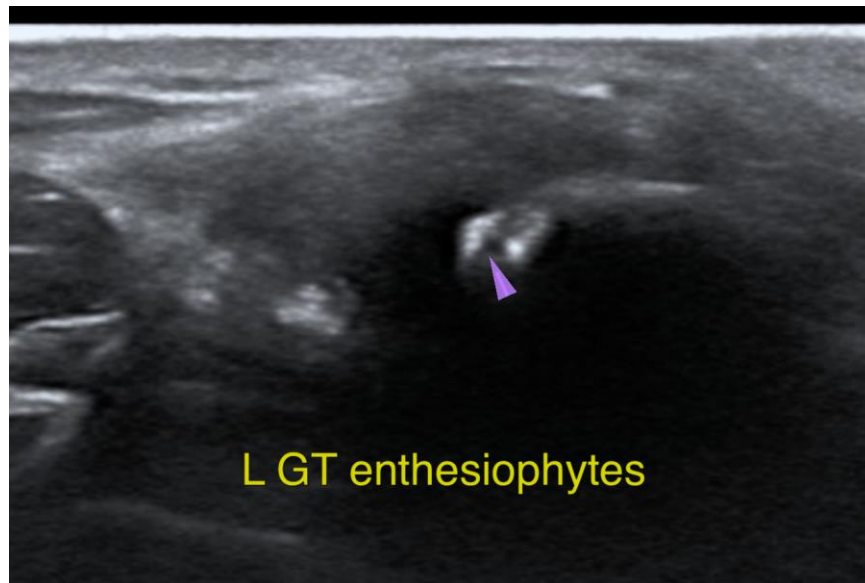
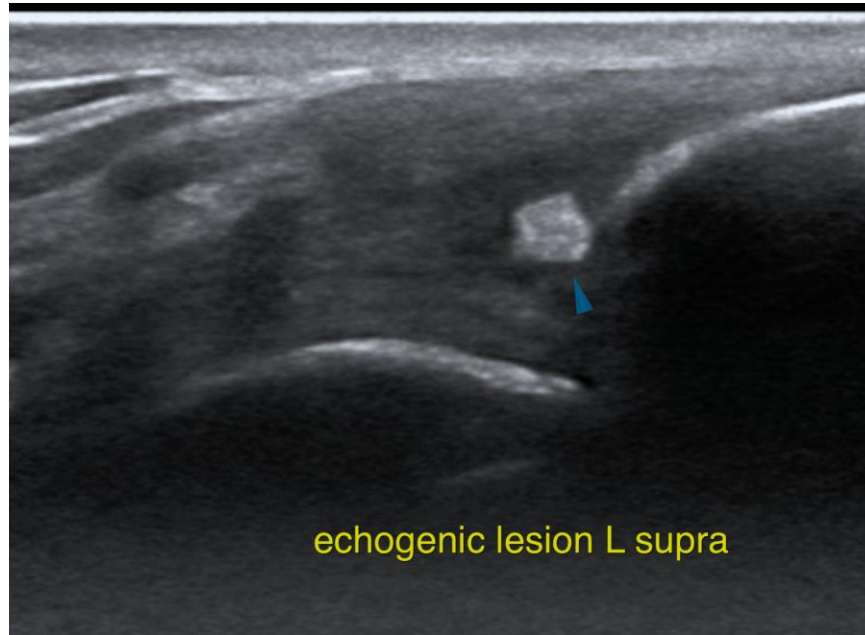
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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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Nele Eley, DVM, Dr. med. vet., DipECVDI
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Senior lecturer University of Giessen, Germany, Veterinary Faculty, Department of Radiology
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