



PATIENT

Khaleesi Bass

PRESENTING CLINICAL SIGNS

Continuous severe progressive RFL lameness that is unaffected by exercise and is non-responsive to NSAIDs. On examination, there was a 4/5 RFL lameness with marked atrophy of the supra and infraspinatus muscles. Mild pain was consistently elicited on palpation of the medial compartment of the right shoulder. Shoulder radiographs show some soft tissue mineralization on the left (suspected to be the SST), and sclerosis of the biceps groove on the right.

SPECIES

Canine

BREED

German Shepherd Mix

ULTRASONOGRAPHIC STUDY OF THE SHOULDERS

2 Dicom loops of the brachial plexus are available for review.

ULTRASONOGRAPHIC FINDINGS

Left Shoulder

SEX

FS

The left supraspinatus tendon measures 7.5mm in average maximum thickness. Moderate internal echoarchitectural remodeling with multiple small and one larger mineralized structure is seen. There is focal biceps impingement with mild thickening of the bicipital synovium, mild to moderate amount of anechoic fluid within the bicipital tendon sheath, and mild smooth new bone formation within the intertubercular groove. No echoarchitectural changes of the biceps tendon are seen.

AGE

10 Years

Right Shoulder

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

The right supraspinatus tendon measures 7.5mm in average maximum thickness. Moderate internal echoarchitectural remodeling is seen. There is focal biceps impingement with mild thickening of the bicipital synovium, mild to moderate amount of anechoic fluid within the bicipital tendon sheath, and mild smooth new bone formation within the intertubercular groove. No echoarchitectural changes of the biceps tendon are seen.

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The pectoralis muscle presents within normal limits. The axillary arteries and veins are seen with their subordinate vessels. No evidence of a mass is seen within the right brachial plexus.

The right axillary lymph node presents within normal limits.

ULTRASONOGRAPHIC DIAGNOSIS

REFERRING VET

David Lane

- Bilateral supraspinatus tendinopathy with biceps impingement and mild secondary biceps tenosynovitis.
- No visible mass in the peripheral right brachial plexus.

INVOICE

56003

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The ultrasonographic study reveals bilateral supraspinatus tendinopathy with mineralizations of the left supraspinatus and mild bilateral biceps impingement. Mild bilateral chronic biceps tenosynovitis is seen. The changes of the biceps and rotator cuff do not explain the severe lameness of the patient.

DATE

1-4-23

A lesion could not be identified in the peripheral aspect of the right brachial plexus which



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however does not rule out presence of pathology in the peripheral nerves of the brachial plexus further proximal or central neural or cervical spinal cord disease.

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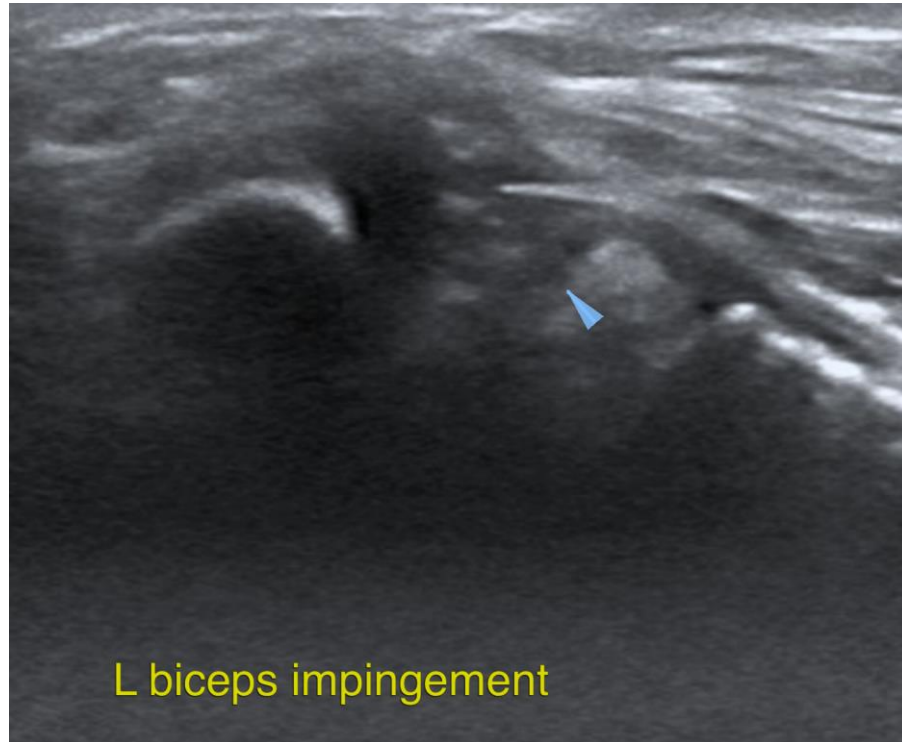
German Shepherd
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

HOSPITAL NAME

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Veterinary Services

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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