



PATIENT

PRESENTING CLINICAL SIGNS

Yuey Yushan Pinkus

Taiwanese adopted dog with uncertain history. Became acutely RFL lameness 8 months ago. CT and shoulder ultrasound performed elsewhere found no cause, so a presumptive diagnosis of medial shoulder syndrome was made, an patient has been receiving rehabilitation therapy since. On examination, there is pain on glenohumeral extension. No instability was found under sedation.

SPECIES

Canine

ULTRASONOGRAPHIC FINDINGS

BREED

Right Shoulder

Mixed

Moderate internal echoarchitectural remodeling with partially shadowing echogenic foci of the supraspinatus tendon is seen. The supraspinatus tendon thickness is remarkable with 7mm for a 14 kilo dog. There is impingement of the biceps tendon with moderate swelling of the bicipital synovium and moderate anechoic effusion of the bicipital tendon sheath. Early exostosis is seen within the intertubercular groove of the biceps tendon. Focal surface irregularity of the proximal and lateral aspect of the biceps tendon appears to be present.

SEX

FS

Left Shoulder

AGE

2 Years

Mild internal echoarchitectural remodeling with partially shadowing echogenic foci of the left supraspinatus tendon is seen. The supraspinatus tendon thickness is 7mm. There is biceps impingement and mild synovial swelling as well as effusion of the bicipital tendon sheath are seen. At this time, there is no significant exostosis noted within the intertubercular groove of the biceps tendon.

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

ULTRASONOGRAPHIC DIAGNOSIS

- Bilateral supraspinatus tendinopathy with presumed volume increase and biceps impingement.
- Moderate right sided and mild left sided secondary chronic biceps tenosynovitis.

HOSPITAL NAME

Points East West
Veterinary Services

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The volume increase of the supraspinatus tendons appears remarkable for a 14 kilo dog. Bilateral biceps impingement is seen with secondary chronic tenosynovitis which is more pronounced on the right when compared with the left side. Clinical significance is considered likely based on the ultrasonographic findings; however, it remains uncertain as to whether the changes correlate with the clinical findings. As reported in the history, pain is mainly elicited by extension of the shoulder joint.

REFERRING VET

David Lane

INVOICE

51189

DATE

3-25-22



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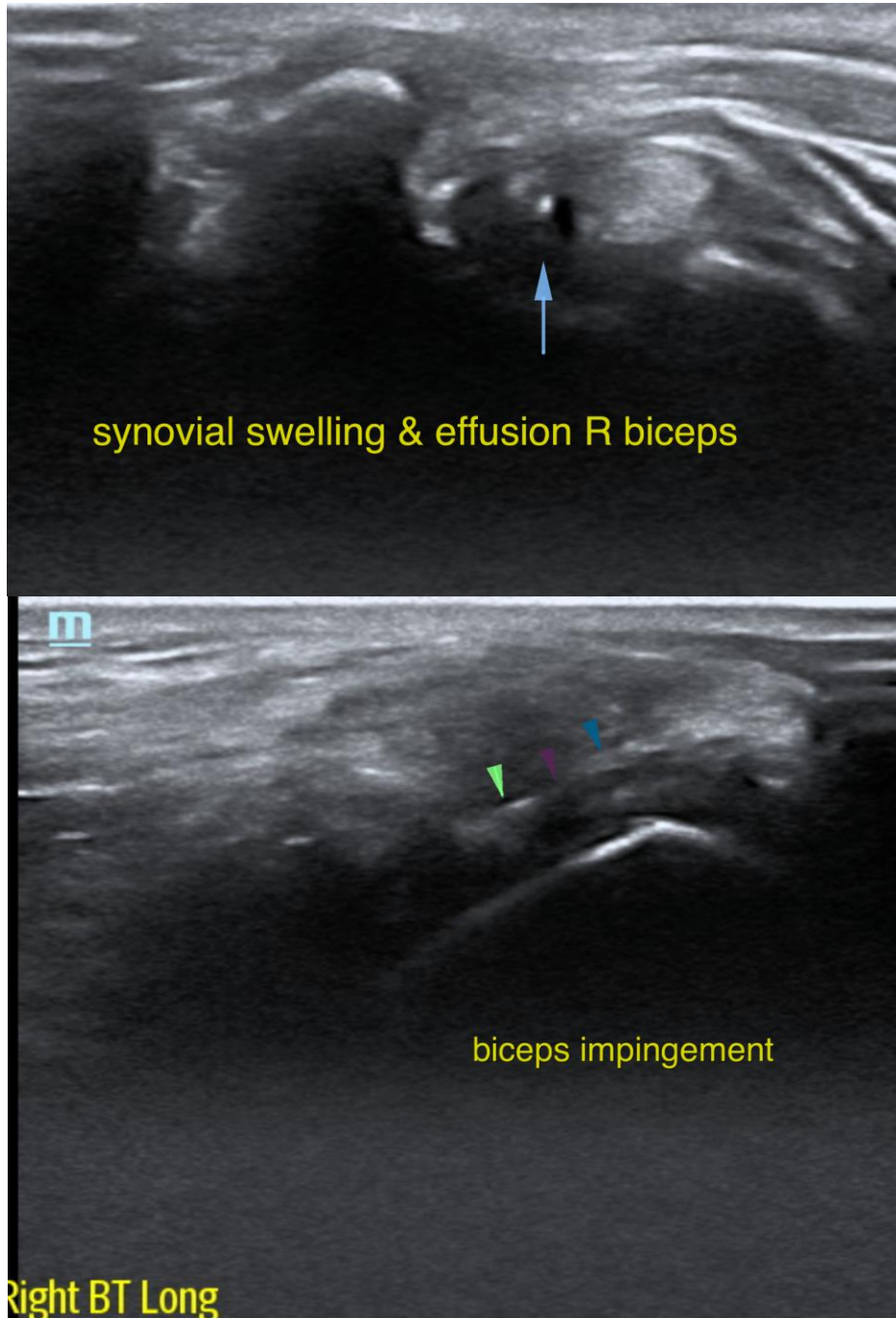
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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

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Senior lecturer University of Giessen, Germany, Veterinary Faculty, Department of Radiology
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