



PATIENT PRESENTING CLINICAL SIGNS

Quest Frame Intermittent RFL lameness of several months duration, flared by exercise, but recently has not recurred. The right shoulder was painful on abduction, with abrupt clunking shift and lateral displacement of the caudal humerus at end range. Glenohumeral abduction angle on the right is 37 degrees, but 25 degrees on the left. Radiographs reveal a mineralization within the right bicipital groove.

SPECIES

Canine

ULTRASONOGRAPHIC FINDINGS

BREED

Right Shoulder

Coolie

Increased thickness of the right supraspinatus tendon is seen. The right supraspinatus tendon measures 7.5mm in thickness on repeated measurements compared with 6mm on the left side. The distomedial contour of the supraspinatus tendon is irregularly contoured. Multiple echogenic structures of up to 2mm size with acoustic shadowing are seen.

SEX

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There is biceps impingement with increased thickness of the transverse ligament and bicipital synovium. Moderate anechoic effusion is noted within the bicipital tendon sheath. There is a bony exostosis within the intertubercular groove. No echoarchitectural changes of the biceps tendon are seen.

AGE

3 Years

Left Shoulder

Moderate echoarchitectural remodeling of the supraspinatus is noted without evidence of biceps impingement. Supraspinatus thickness is 6mm. The biceps tendon presents no echoarchitectural changes. The intertubercular groove is smoothly outlined.

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

A 1mm sized well delineated ovoid hyperechoic nonshadowing structure is seen in the proximal aspect of the biceps with synovial attachment deep to the biceps tendon. This structure appears to be embedded into mildly proliferated synovium.

HOSPITAL NAME

Points East West
Veterinary Services

Mild vacuum phenomenon noted.

ULTRASONOGRAPHIC DIAGNOSIS

- Chronic right sided supraspinatus tendinopathy with biceps impingement and chronic biceps tenosynovitis.
- Early left supraspinatus tendinopathy without biceps impingement and no evidence of biceps tenosynovitis.

REFERRING VET

David Lane

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

INVOICE

48764

Moderate biceps impingement secondary to chronic mineralizing supraspinatus tendinopathy is seen in the right shoulder. Moderate chronic inflammation of the bicipital synovium with intertubercular groove exostosis appears to be present as well. Moreover, the clinical history suggests medial shoulder instability which may be enhanced by weakness of the rotator cuff. However, this may also be secondary to chronic degeneration or trauma.

DATE

12-3-21

The changes of the left shoulder are mild and not necessarily of clinical significance. The hyperechoic structure with synovial attachment in the proximal aspect and deep to the biceps



PATIENT

tendon is likely to represent connective tissue fibrosis or other and rather associated with the synovium than the tendon itself.

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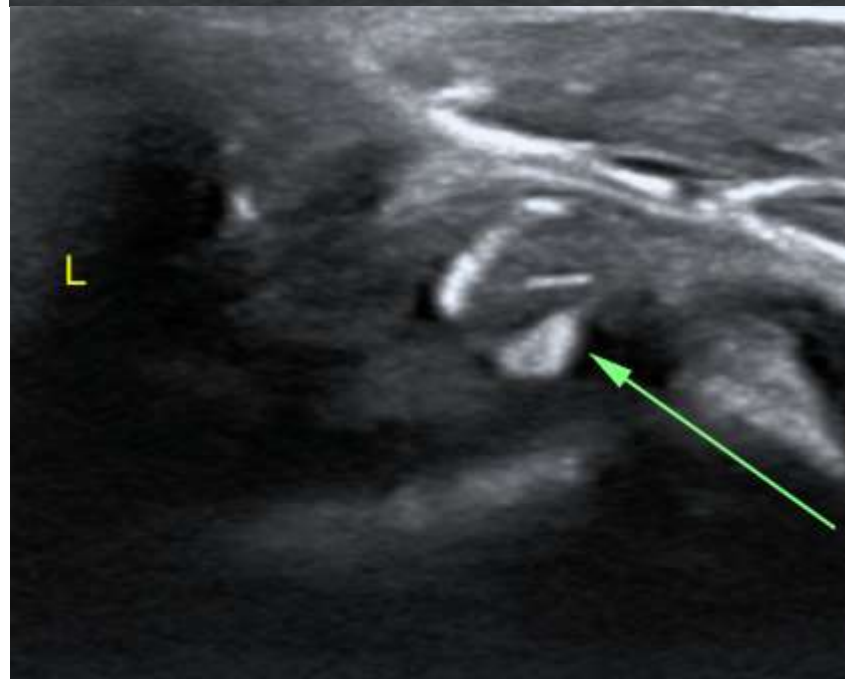
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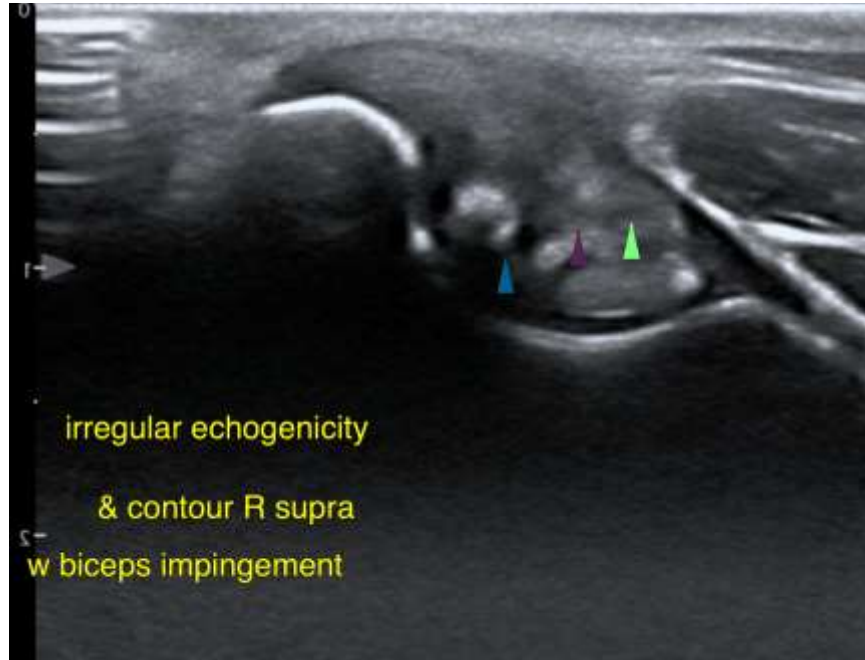
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

HOSPITAL NAME

Points East West
Veterinary Services

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