



PATIENT PRESENTING CLINICAL SIGNS

Porter Dixon
 Chronic RFL lameness that was diagnosed and imaged elsewhere, then referred here for BMAC/PRP injections. On examination, there was pain on palpation of the SST, and mild guarding on biceps stretch and glenohumeral abduction. Under sedation, there was increased laxity of the right shoulder joint compared to the left, with more abduction, but not an abnormal amount of abduction (7 degrees on left, 17 on right).

SPECIES

Canine

ULTRASONOGRAPHIC FINDINGS

BREED

Right Shoulder

German Shepherd

Maximum average thickness of the right supraspinatus tendon is 10mm. Severe internal echoarchitectural remodeling with a 4mm and 3mm sized mineralization are seen within the tendon. Multiple partially shadowing echogenic foci are present as well. There is moderate impingement of the right biceps tendon. Echoarchitectural changes of the right biceps tendon are not noted. However, moderate to severe thickening of the bicipital synovium with suspect adhesion formation, moderate anechoic effusion, and moderate to severe bicipital groove exostosis are noted.

SEX

MN

AGE

3 Years

Left Shoulder

Maximum average thickness of the left supraspinatus tendon is 9mm. Moderate internal echoarchitectural remodeling with partially shadowing echogenic foci and mild biceps impingement are noted. The biceps tendon presents no echoarchitectural changes. Mild effusion and mild swelling of the bicipital synovium are seen. There is a mild exostosis within the bicipital groove.

INTERPRETED BY

Nele Eley, DVM
 Dr. med. Vet. DipECVDI

ULTRASONOGRAPHIC DIAGNOSIS

- Moderate to severe impingement syndrome with biceps tenosynovitis and mineralizing supraspinatus tendinopathy in the right shoulder.
- Mild to moderate impingement syndrome with biceps tenosynovitis and supraspinatus tendinopathy in the left shoulder.

HOSPITAL NAME

Points East West
 Veterinary Services

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

REFERRING VET

David Lane

The changes of the right shoulder appear to be chronic and severe with synovialitis and potential adhesion formation as well as large bicipital groove exostosis. The degree of biceps impingement appears to be moderate. Bilateral volume increase of the supraspinatus tendon is suggested by the ultrasonographic findings which, however, is more pronounced on the right hand side. This patient may not be a suitable candidate for conservative management in the long term, however, if not performed already, an attempt of treatment with rest, systemic NSAID administration, and prp injections, as well as shockwave ultrasound or therapeutic laser could be considered.

INVOICE

57390

DATE

3-22-23



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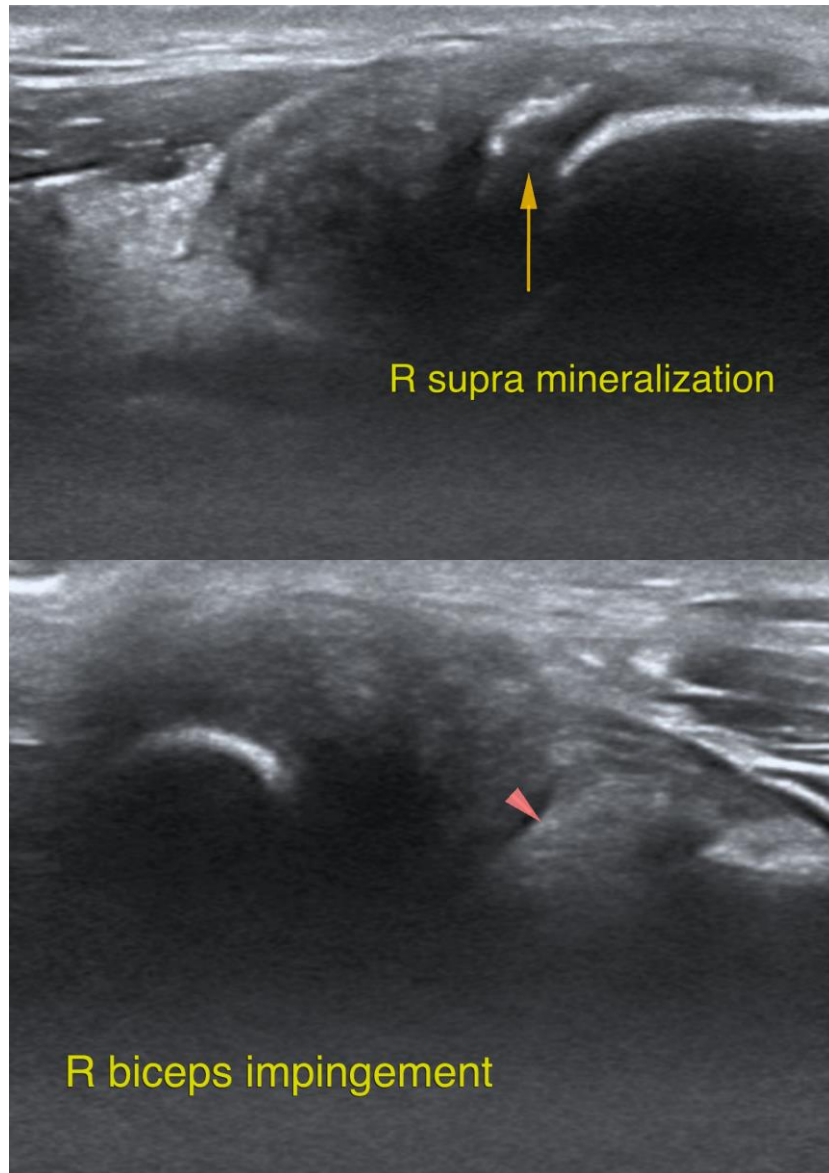
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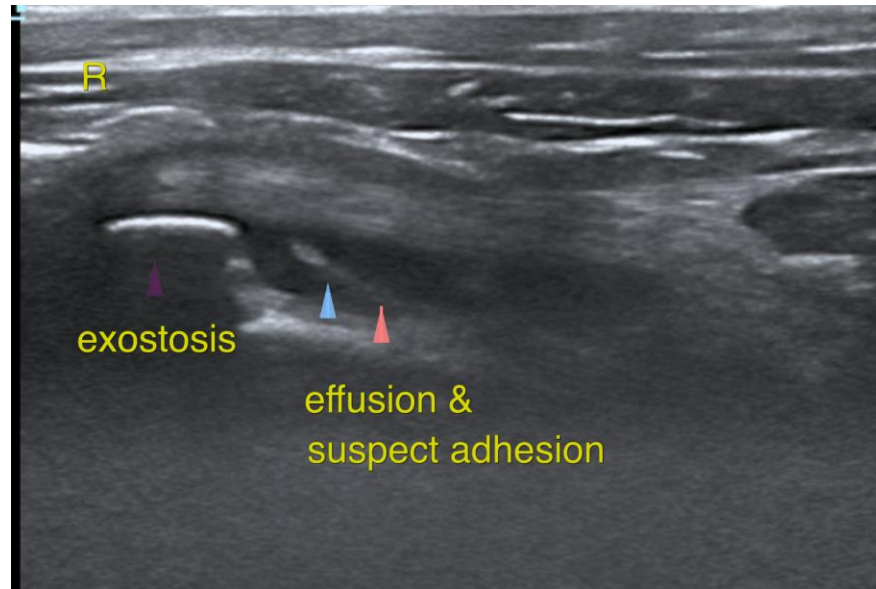
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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