



PATIENT

Finnigan Manz

PRESENTING CLINICAL SIGNS

Chronic wax/waning RFL shoulder origin lameness in an active hiking dog. Abduction angles are 20 degrees on the LFL and 40 degrees on the RFL.

SPECIES

Canine

ULTRASONOGRAPHIC FINDINGS

Left shoulder:

The supraspinatus tendon shows subtle metaplastic calcifications at the level of its insertion without signs of swelling or relevant contact to the biceps tendon. The infraspinatus tendon is unremarkable.

BREED

Australian Shepherd

Joint space and the sheath of the biceps tendon show mild anechoic effusion. The biceps tendon is subtly inhomogeneous but unremarkable in course and seen in continuity without signs of a partial-/rupture. The joint space beneath the biceps tendon reveals mild hyperechoic fibrous tissue. The MT transition is inconspicuous without formation of exostosis of the bicipital groove.

SEX

MN

AGE

6 Years

Right shoulder:

The supraspinatus tendon shows mild metaplastic calcifications at the level of its insertion, in contrast to the left, calcifications are more presented and larger. The insertion is subjectively hypoechoic and mildly swollen without contact to the biceps tendon. The infraspinatus tendon is unremarkable.

INTERPRETED BY

Sebastian Jawinski,
German Board
Certified Vet
Specialist in
Diagnostic Imaging

The joint space and sheath of the biceps tendon show mild anechoic effusion. The origin of biceps tendon is mildly irregular still unremarkable in course and seen in continuity. Beside mild hyperechoic fibrous tissue beneath the origin the distal outline of the tendon appears irregular. The MT transition is inconspicuous without formation of exostosis of the bicipital groove.

HOSPITAL NAME

Points East West
Veterinary Services

ULTRASONOGRAPHIC DIAGNOSIS

- Mild, bilateral inhomogeneous texture of the biceps tendon more prominent on the right with a questionable partial tear/avulsion lesion of the biceps origin
- Bilateral anechoic joint effusion pronounced on the left
- Bilateral mild synovial hyperplasia
- Bilateral calcifying tendinopathy of the supraspinatus more prominent on the right

REFERRING VET

David Lane

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The sonographic findings do match with the reported clinical symptoms. Findings are more obvious on the right including the irregular texture of the biceps tendon and the irregularities at the level of the biceps origin. Beside a bilateral, low-grade biceps tendon degeneration these could indicate a partial tear/former avulsion on the right.

INVOICE

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The metaplastic calcifications of the supraspinatus insertion are commonly secondary/incidental findings as well as the mild synovial thickening and effusion, all consistent with chronic and degenerative joint disease. These may be due to chronic improper load/activity and/or primary elbow disease.

SPECIES

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The assumed swelling on the right of the insertion indicates an active process as seen with inflammatory calcifying tendinopathy.

BREED

Australian Shepherd

A diagnostic as well as a therapeutic (ultrasound guided) intraarticular injection (right shoulder) could be the next step. Additionally, a synovial aspirate could be taken for further examination.

TECHNICAL COMMENTS

Well performed study!

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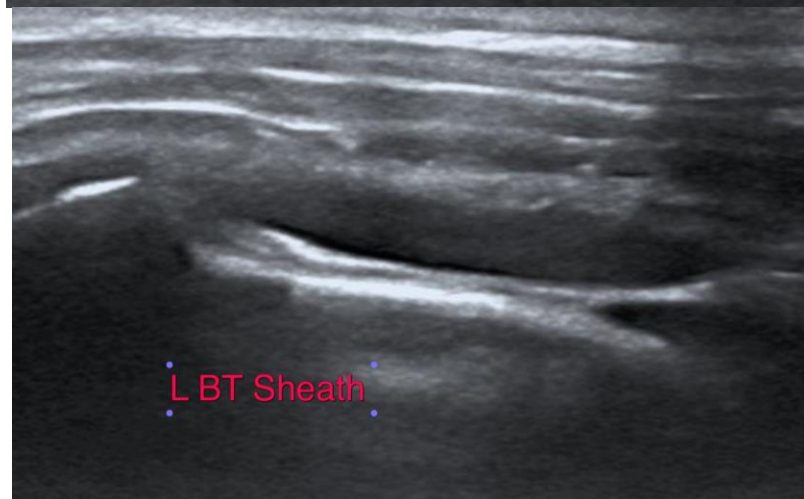
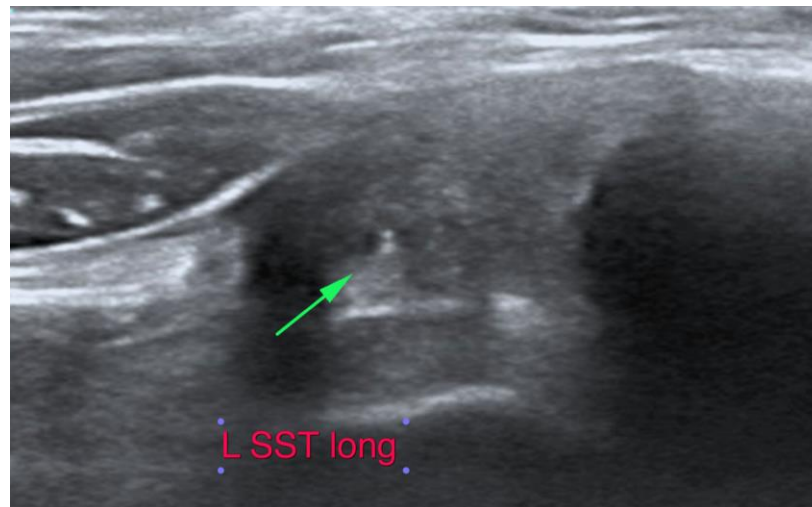
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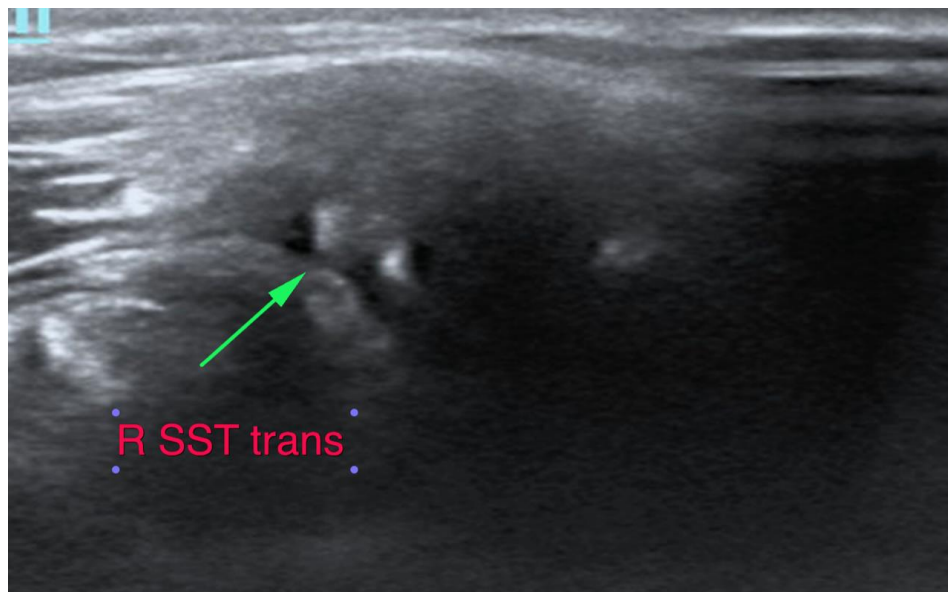
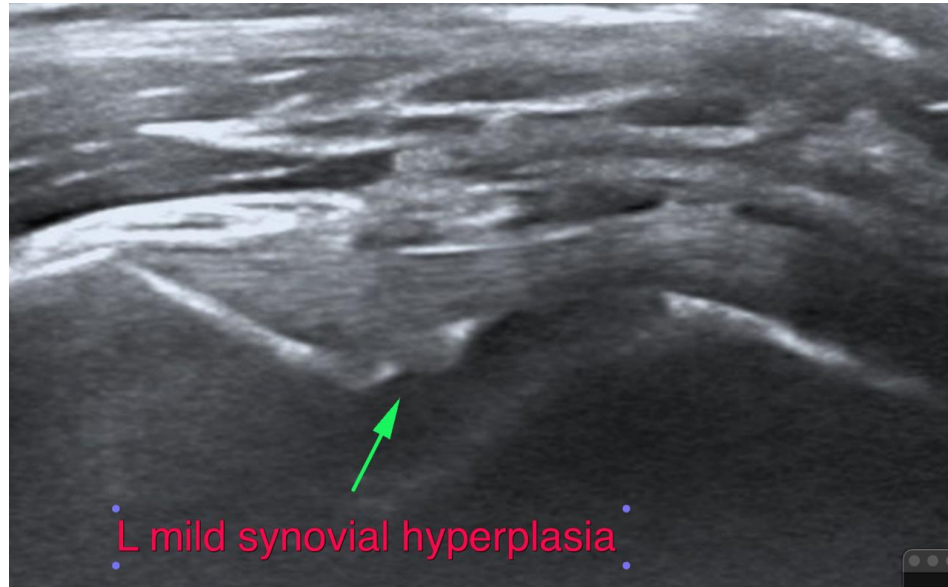
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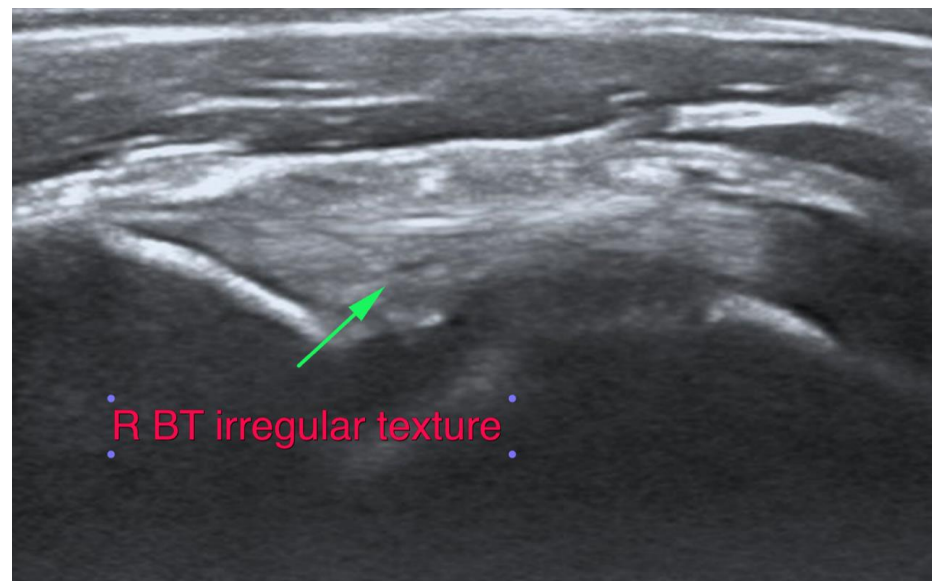
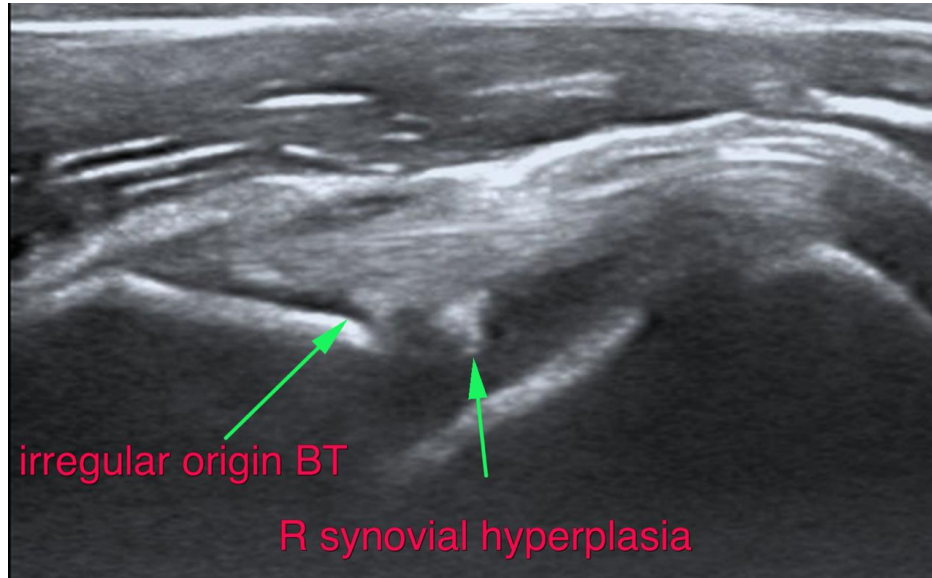
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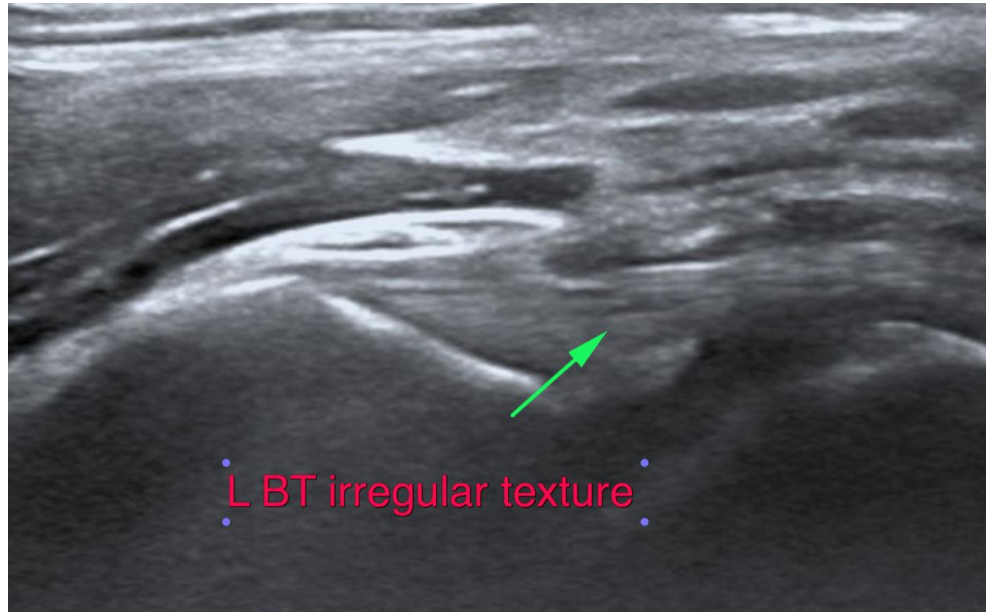
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

Sebastian Jawinski, German Board Certified Vet Specialist in Diagnostic Imaging
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