



PATIENT

Arlo Sarton

SPECIES

Canine

BREED

Australian Cattle Dog

SEX

MN

AGE

22 Months

INTERPRETED BY

Sebastian Jawinski,
German Board
Certified Vet
Specialist in
Diagnostic Imaging

HOSPITAL NAME

Points East West
Veterinary Services

REFERRING VET

David Lane

INVOICE

50905

DATE

3-11-22

PRESENTING CLINICAL SIGNS

Chronic intermittent RFL lameness that is flared by exercise, and so far has remained undiagnosed. Shoulder/elbow/cervical CT imaging done elsewhere was normal. Patient is very refractory to being touched or handled, which has confounded our ability to perform a detailed physical examination, but initially there was guarding on extension of the right glenohumeral joint.

ULTRASONOGRAPHIC FINDINGS

Left shoulder:

The supraspinatus tendon shows mild metaplastic calcifications at the level of its insertion and appears subjectively mildly swollen with partial contact to the biceps tendon (s. impingement view). The infraspinatus tendon is unremarkable. In the area of its insertion a mildly irregular bone surface is recognized.

Joint space and the sheath of the biceps tendon show mild anechoic effusion. The biceps tendon is unremarkable in course and seen in continuity without signs of a partial-/rupture. The MT transition is inconspicuous with mild formation of exostosis of the bicipital groove.

Right shoulder:

The supraspinatus tendon shows mild metaplastic calcifications at the level of its insertion, in contrast to the left, calcifications and swelling are less obvious. The infraspinatus tendon is unremarkable.

The joint space and sheath of the biceps tendon show mild anechoic effusion with a cystic lesion superior to the biceps tendon. The biceps tendon is unremarkable in course and seen in continuity without signs of a partial-/rupture. The transverse images reveal a questionable hypoechoic spot within the tendon. The MT transition and the bicipital groove are inconspicuous.

ULTRASONOGRAPHIC DIAGNOSIS

- Bilateral calcifying tendinopathy of the supraspinatus with suspected mild biceps impingement on the left
- Left sided mild exostosis of the bicipital groove
- Left sided irregular bone surface infraspinatus insertion
- Bilateral anechoic joint effusion pronounced on the left
- Suspected synovial cyst right biceps tendon sheath

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The metaplastic calcifications of the supraspinatus insertion are commonly secondary/incidental findings as well as the mild effusion, all consistent with initial, chronic, degenerative joint disease.



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These may be due to chronic improper load/activity and/or primary elbow disease. The assumed subtle swelling of the insertion and the resulting impingement on the left indicate an active process as seen with inflammatory calcifying tendinopathy and biceps tendinitis.

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The irregular bone surface of the left infraspinatus insertion is a very subtle finding and indicates an enthesopathy. Currently signs of an active process (perifocal effusion, bursitis) are missing, I therefore assume this to be irrelevant.

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The detected synovial cyst on the right and the questionable core lesion of the biceps tendon could be the result of a traumatic lesion (former hemorrhage, scarring after micro-rupture) and would match with a right-sided lameness.

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A diagnostic as well as a therapeutic (ultrasound guided) intraarticular injection could be the next step.

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Well performed studies!

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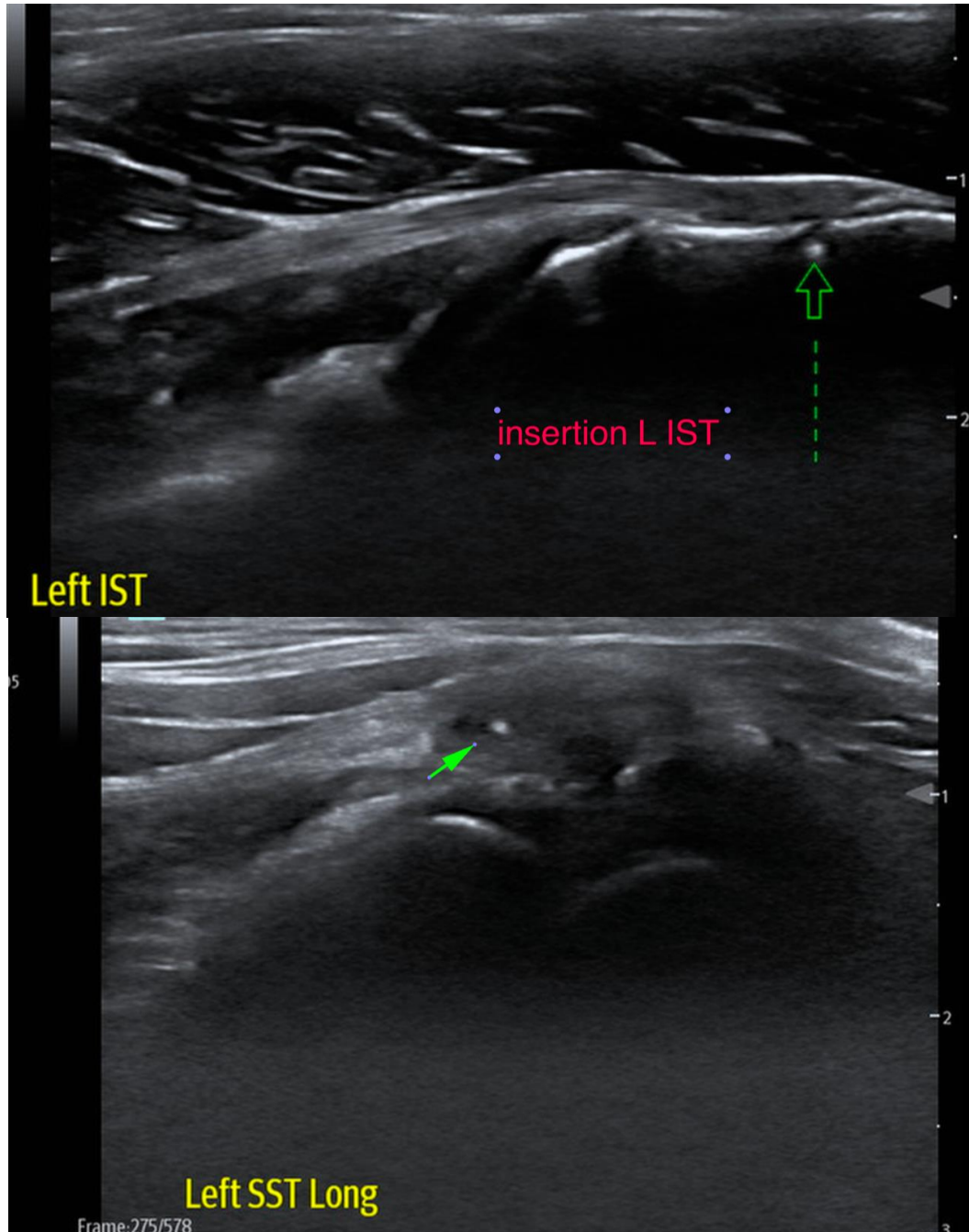
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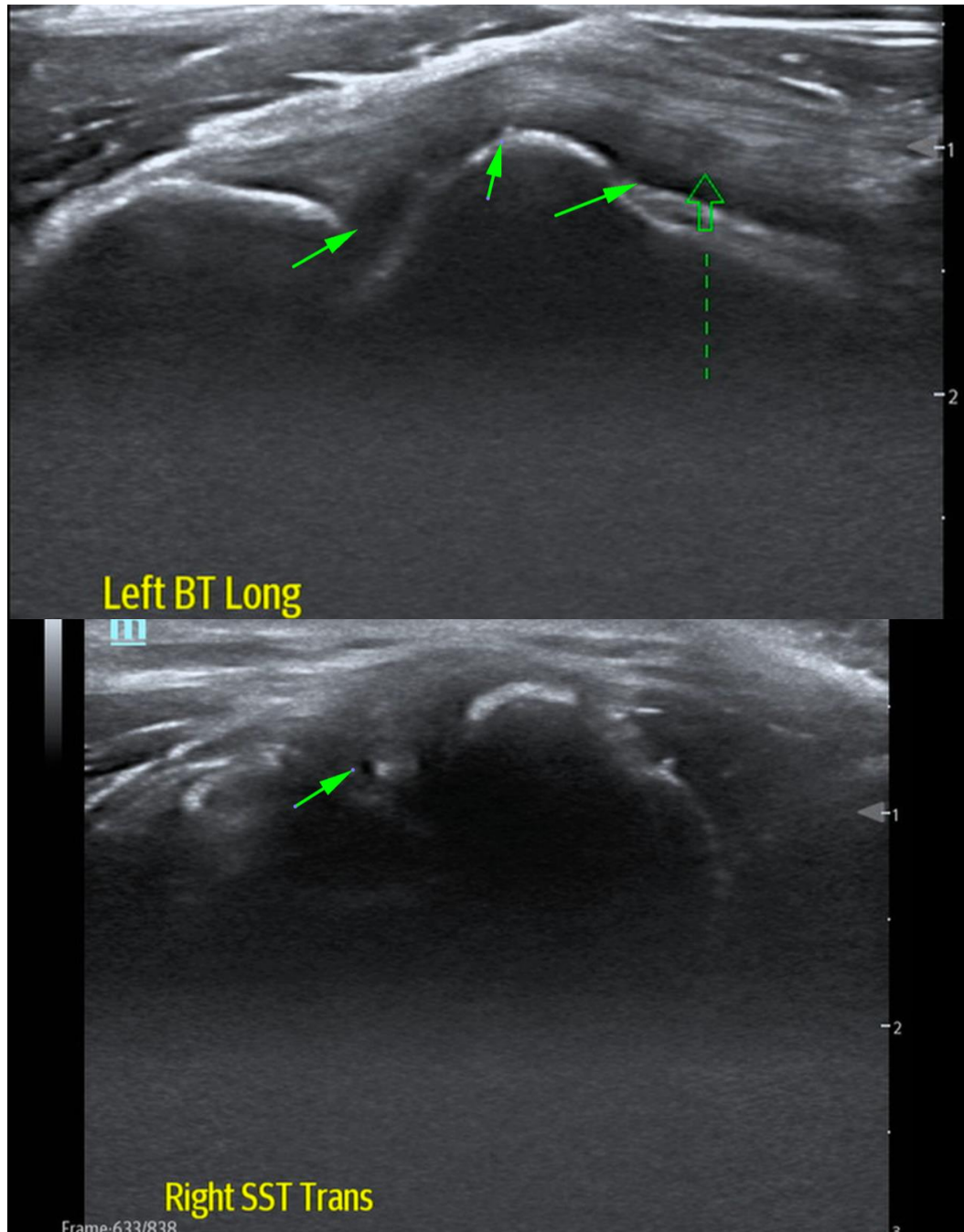
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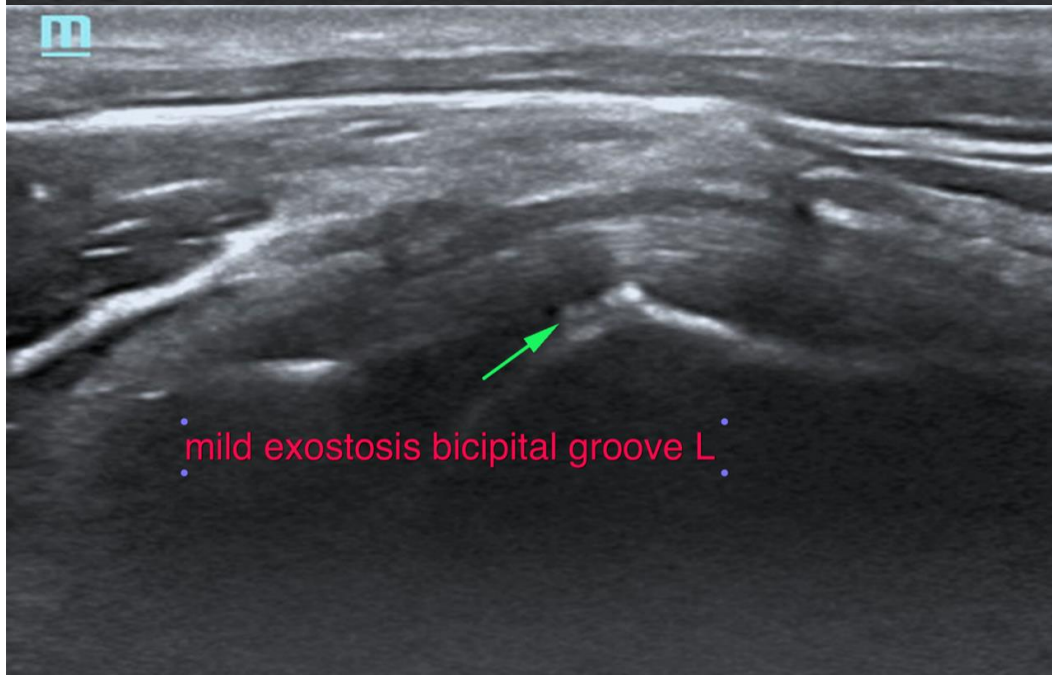
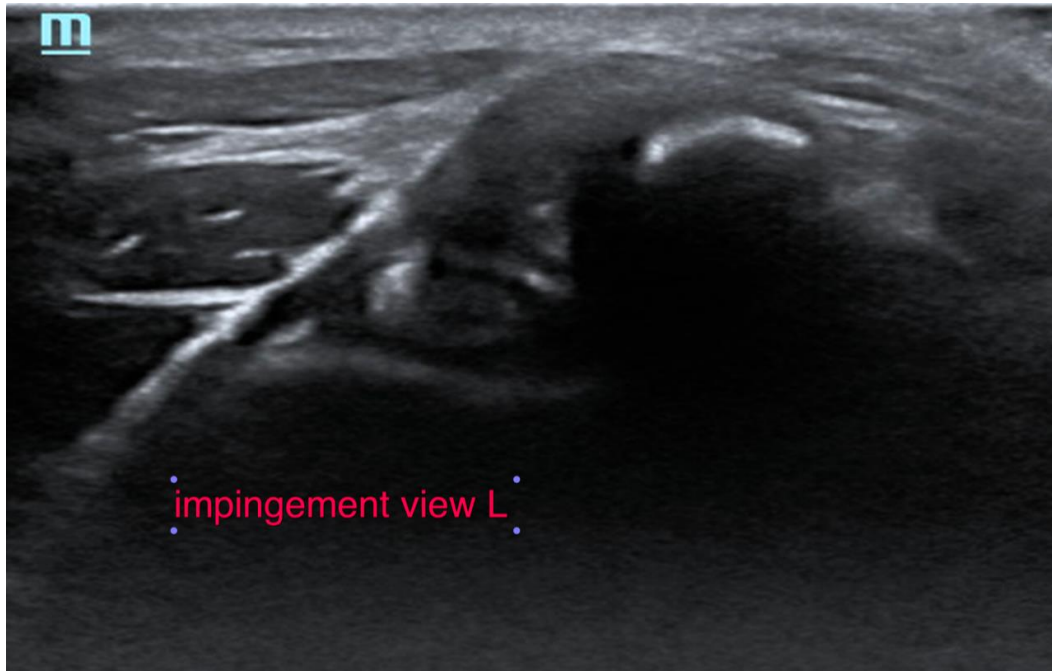
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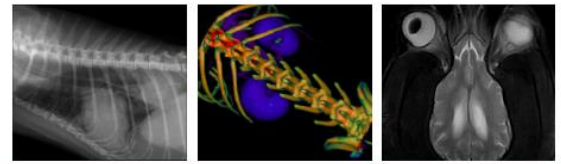
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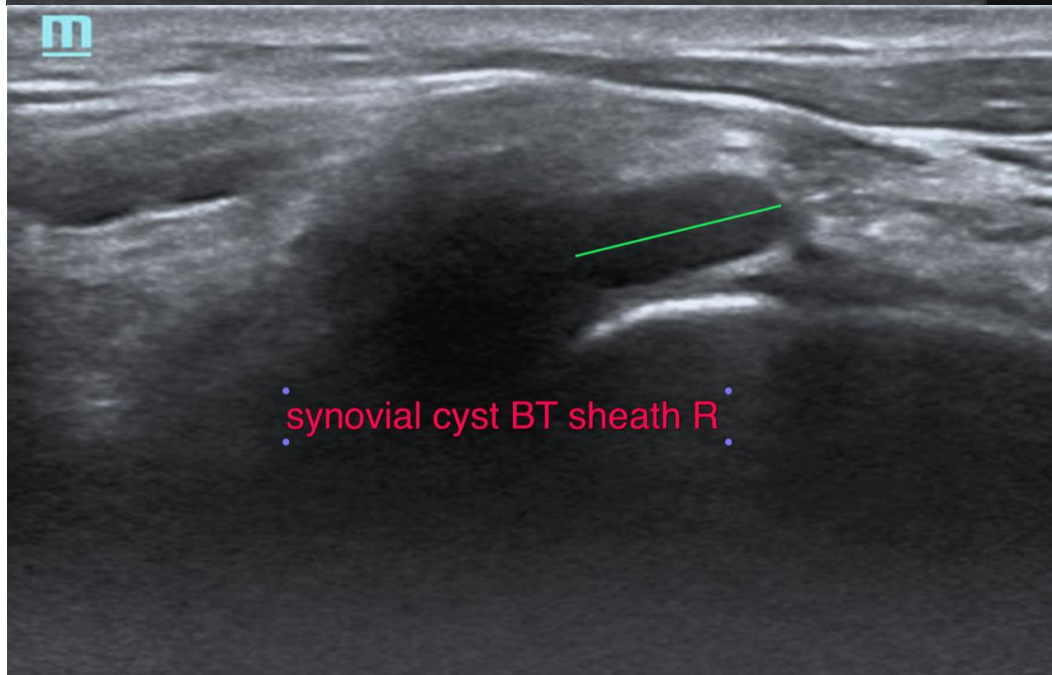
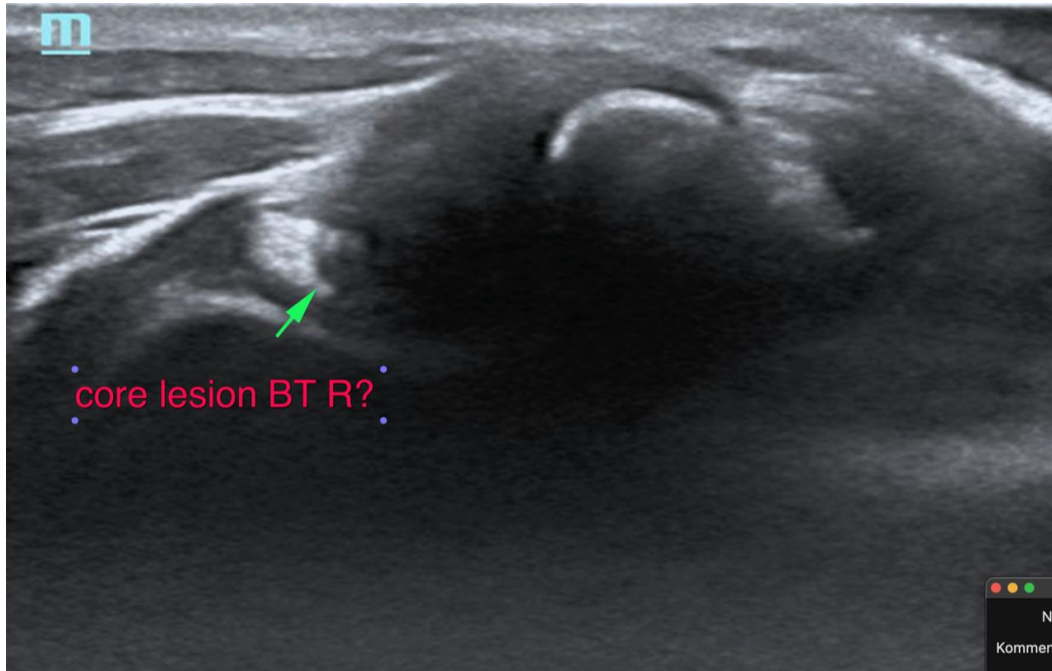
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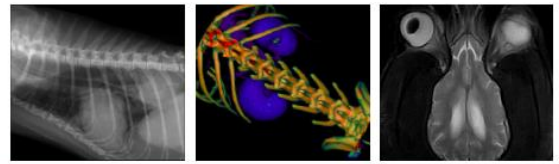
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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
Sebastian.Jawinski@sonopath.com