



PATIENT

Kinglsey Greer

PRESENTING CLINICAL SIGNS

History of left forelimb lameness >1 year. Prior shoulder ultrasound 3/31/22 showed mild left bicipital tenosynovitis and mild irregularity of fibrocartilaginous insertion of left supraspinatus. No response to left shoulder steroid injection. Left elbow arthroscopy performed 5/18/22 with findings of focal eburnation of coronoid process with no overt fragments and a small kissing lesion on medial humeral condyle. Coronoid debridement performed. Kingsley has had persistent mild lameness since above procedures with minimal response to rehab.
 Abnormal PE/Chem/CBC/UA Results: Kingsley is stoic on exams and does not generally show obvious source of pain for rehab evals and surgeon. Recent recheck exam suggested mild reactivity on palpation around shoulder (supra/bicep and infra, and with extension/abduction). No elbow pain found on exam.

SPECIES

Canine

BREED

Boxer/Chow mix

ULTRASONOGRAPHIC FINDINGS

SEX

MN

Left Shoulder

The left supraspinatus tendon measures 8.5mm in average maximum thickness. Mild internal echoarchitectural remodeling with nonshadowing echogenic foci is seen. Mild displacement of the transverse ligament is seen. No significant biceps impingement is noted at this point. Minimal generalized swelling of the bicipital synovium with no significant effusion is noted. The intertubercular groove presents even and smooth. The biceps tendon presents no echoarchitectural changes.

AGE

5.5

Right Shoulder

INTERPRETED BY

Nele Eley, DVM
 Dr. med. Vet. DipECVCI

The supraspinatus, deltoideus and infraspinatus muscles present within normal limits for shape, volume, echoarchitecture and echogenicity. The transition to the supraspinatus tendon is even and thin. The broad part of the supraspinatus tendon presents within normal limits for its shape, volume and echogenicity. Average maximum thickness of the supraspinatus is 8mm. There is no evidence of impingement. The attachment to the bone surface of the greater humeral tubercle is even and smooth. The infraspinatus tendon and attachment present within normal limits. There is no evidence of enlargement of the infraspinatus bursa.

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The biceps tendon can be seen from its origin through the bicipital groove, up to the musculotendinous transition and is within normal limits for shape, echogenicity and echoarchitecture. There is no evidence of synovial thickening and no evidence of abnormal effusion. The bone surface of the bicipital groove is even and smooth.

REFERRING VET

Janice McConnell

The visible margins of the shoulder joint are within normal limits.

ULTRASONOGRAPHIC DIAGNOSIS

INVOICE

57189

- Mild left supraspinatus tendinopathy with mild transverse ligament displacement and minimal left biceps tenosynovitis.
- Normal ultrasonographic presentation of the right shoulder.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

DATE

3-12-23

The ultrasonographic study reveals mild supraspinatus tendinopathy with mild displacement of the transverse ligament in the left shoulder. No evidence of direct biceps impingement is seen at



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this point and the degree of synovial swelling is minimal. Clinical significance is uncertain, and the findings are unlikely to fully explain the clinical lameness of the patient alone.

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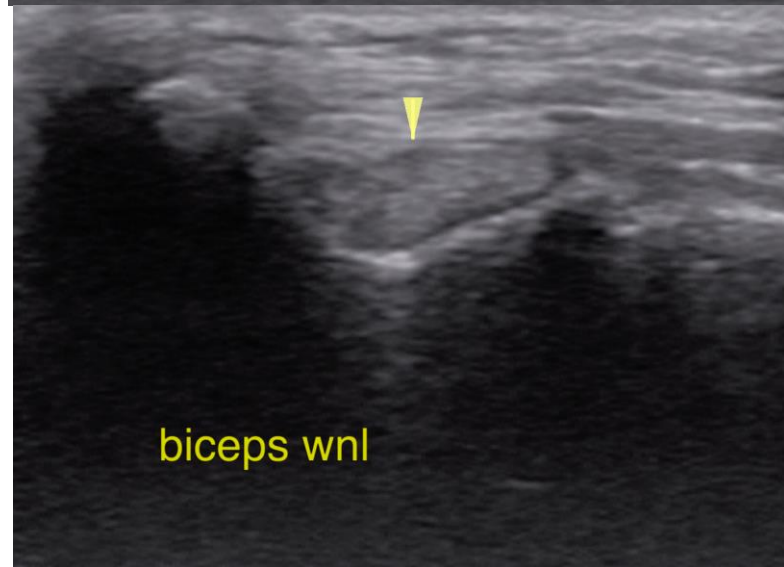
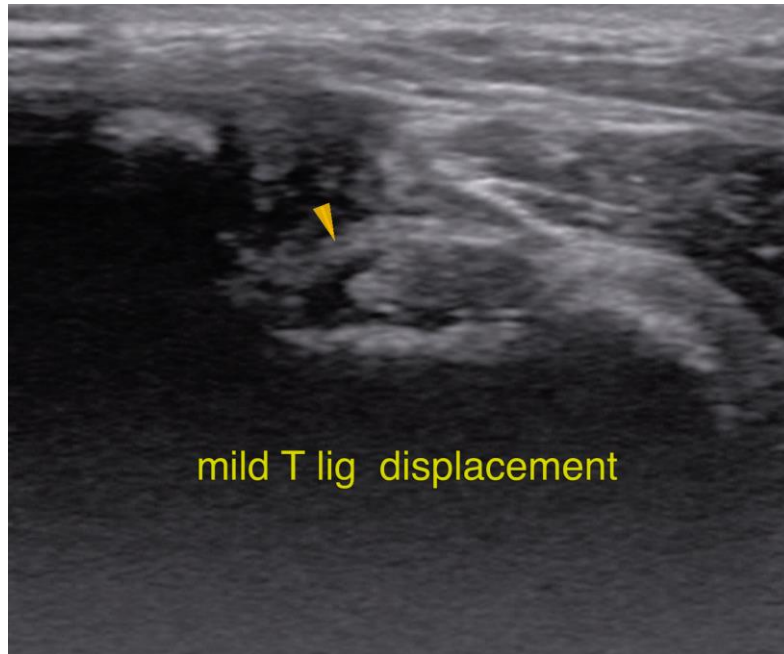
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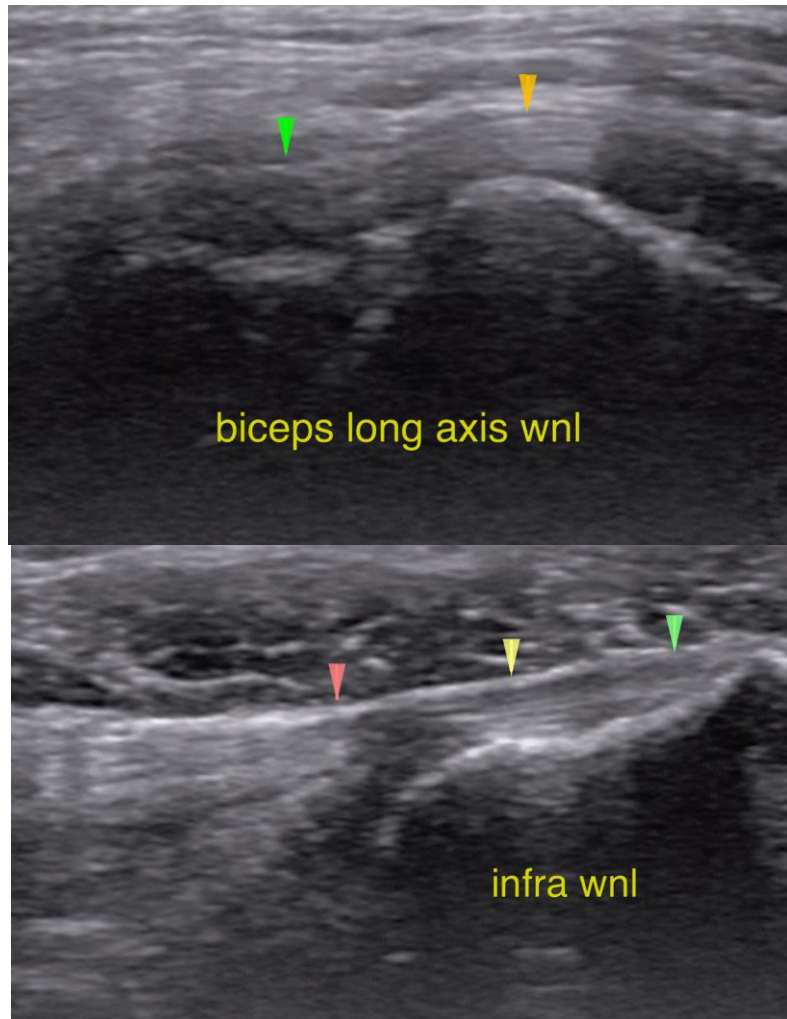
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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