

## PATIENT PRESENTING CLINICAL SIGNS

Arlo Griffin Acute onset low grade RFL lameness following collision with another dog. Partial response to rest. Pain localized to right glenohumeral extension and palpation of the medial compartment. Sedated abduction angle 30 degrees on the right 10 degrees on the left. Right needle arthroscopy demonstrates moderate MGHL damage and inflammation with focal mild fraying of subscapularis tendon.

## SPECIES

Canine

## ULTRASONOGRAPHIC STUDY OF THE BILATERAL SHOULDERS

## BREED

## ULTRASONOGRAPHIC FINDINGS

Labrador Retriever

### RIGHT SHOULDER

The subscapularis tendon presents overall thickening, heterogeneity and irregularity with regional hypoechogenicity.

## SEX

F

The medial glenohumeral ligament is thickened and irregular in contour and echogenicity.

## AGE

18m

The supraspinatus tendon measures ~ 8.5 mm in maximal thickness and demonstrates moderate internal fiber remodeling.

Moderate biceps tendon impingement is present.

Moderate to severe glenohumeral joint and visible tendon sheath effusion with synovial thickening are identified. Mild vacuum phenomenon is noted within the otherwise anechoic synovial fluid. Mild visible groove exostosis is present.

## INTERPRETED BY

Nele Eley (Ondreka),  
DVM Dr. med. vet.,  
DipECVDI

### LEFT SHOULDER

The supraspinatus tendon measures ~ 8.5 mm in maximal thickness and demonstrates mild internal remodeling.

## HOSPITAL NAME

Points East West  
Veterinary Services

Moderate biceps tendon impingement is present.

Mild glenohumeral joint and biceps tendon sheath effusion with synovial thickening are identified.

Mild vacuum phenomenon and mild visible groove exostosis are present.

## REFERRING VET

David Lane

The medial compartment structures including the medial glenohumeral ligament and subscapularis tendon are within normal ultrasonographic limits.

## ULTRASONOGRAPHIC DIAGNOSIS

## INVOICE

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- Right shoulder: moderate subscapularis and medial glenohumeral ligament injury, moderate supraspinatus tendinopathy with biceps impingement and moderate to severe biceps tenosynovitis with evidence of chronicity
- Left shoulder: mild supraspinatus tendinopathy with biceps impingement, mild biceps tenosynovitis with signs of chronicity, ultrasonographically normal medial compartment

## DATE

05/25/2026



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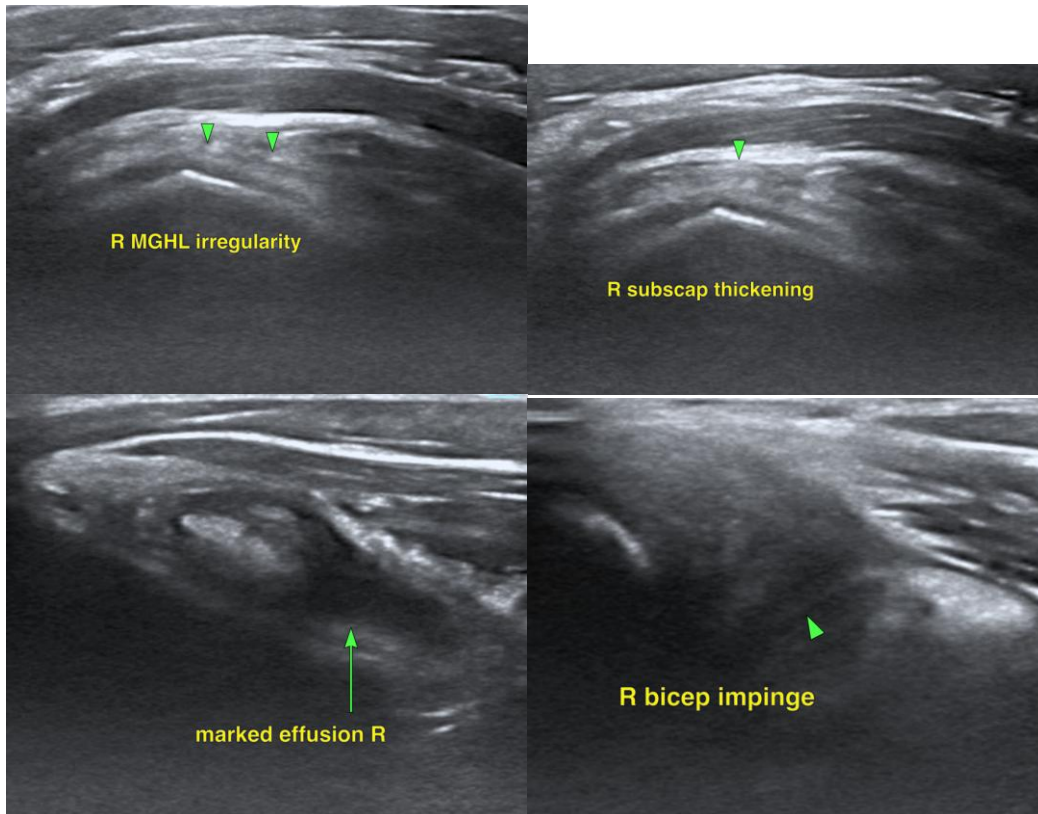
05/25/2026

## INTERPRETATION OF FINDINGS & FURTHER RECOMMENDATIONS

The right shoulder findings appear to correlate well with the clinical and arthroscopic evidence of medial shoulder instability. The combination of subscapularis tendon abnormality and medial glenohumeral ligament injury is common in medial shoulder instability type pathology.

Bilateral supraspinatus tendinopathy with biceps impingement and chronic biceps tenosynovitis are also present more pronounced on the right and likely represent chronic shoulder pathology which is astonishingly advanced in this young dog which may be associated with rotator cuff weakness and predispose to general shoulder instability. However, this may also be independent of the traumatic medial compartment injury of the right shoulder. Correlation with arthroscopic findings is recommended.

Conservative management vs surgical techniques should be guided by clinical instability and response to therapy. Follow-up ultrasound may be useful along with clinical monitoring of the development of the clinical and imaging findings of both shoulders.





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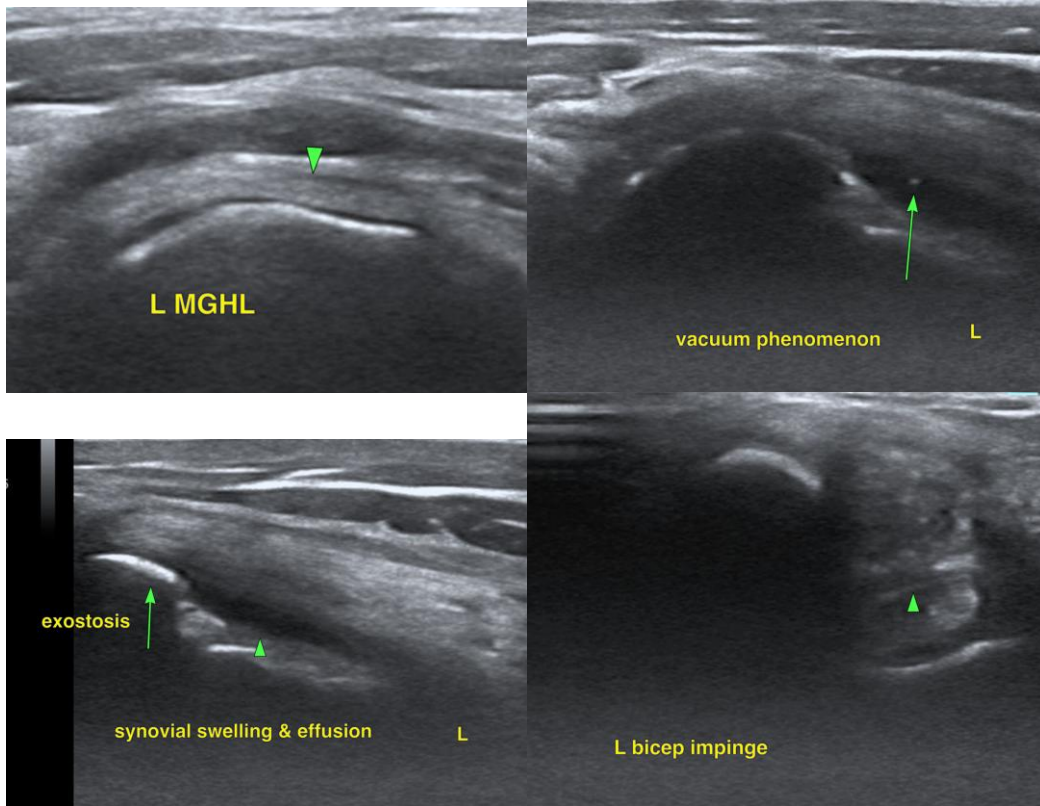
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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