



PATIENT

Prill Oliver

SPECIES

Canine

BREED

Mixed

SEX

FS

AGE

5 Years

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

HOSPITAL NAME

Points East West
Veterinary Services

REFERRING VET

David Lane

INVOICE

54975

DATE

11-3-22

PRESENTING CLINICAL SIGNS

Recreational agility and nosework dog with a LFL lameness of several months duration. Prior radiographs demonstrate sclerosis of the bicipital groove and soft tissue mineralization thought to be located in either the infraspinatus or deltoid muscles. Treatment of the concurrent thoracic non-specific back pain has improved the lameness 50-66%. On the most recent physical examination, the left shoulder had mild pain on glenohumeral extension and on abduction.

ULTRASONOGRAPHIC FINDINGS

Left Shoulder

Multiple variably sized and shaped mineralizations are seen within the left supraspinatus tendon close to its attachment to the humerus. There is moderate swelling to twice the original size of the tendon as well as partial loss of the tendon fiber echoarchitecture with a drop in echogenicity. Mild distension of the infraspinatus bursa is seen. The infraspinatus muscle is not included in the examination. The supraspinatus tendon thickness is 8mm with moderate internal echoarchitectural remodeling and mild biceps impingement. Mild regional swelling of the bicipital synovium is noted, with no significant effusion within the bicipital tendon sheath, and early exostotic new bone formation within the intertubercular groove as well as early echoarchitectural remodeling of the biceps tendon itself.

Right Shoulder

The infraspinatus tendon presents within normal limits. The supraspinatus tendon thickness is 8mm. Moderate to severe internal echoarchitectural remodeling of the supraspinatus tendon is seen with mild to moderate biceps impingement. Mild regional swelling of the bicipital synovium and mild echoarchitectural remodeling of the biceps tendon are seen with no significant tendon sheath effusion and early exostotic smooth new bone formation within the intertubercular groove.

ULTRASONOGRAPHIC DIAGNOSIS

- Chronic mineralizing infraspinatus tendinopathy with infraspinatus bursitis in the left shoulder.
- Mild to moderate bilateral supraspinatus tendinopathy with mild biceps impingement and mild biceps tenosynovitis of uncertain clinical significance.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The ultrasonographic study reveals extensive mineralizing infraspinatus tendinopathy in the left shoulder with concurrent infraspinatus bursitis. Differential diagnosis includes prior traumatic injury such as partial avulsion as well as chronic repetitive microtrauma and less likely spontaneous mineralizing tendinopathy with tendinous metaplasia.

There also is evidence of bilateral supraspinatus tendinopathy with mild biceps impingement and mild biceps tenosynovitis. The changes are however bilaterally symmetric and relatively subtle and their clinical significance remains uncertain.



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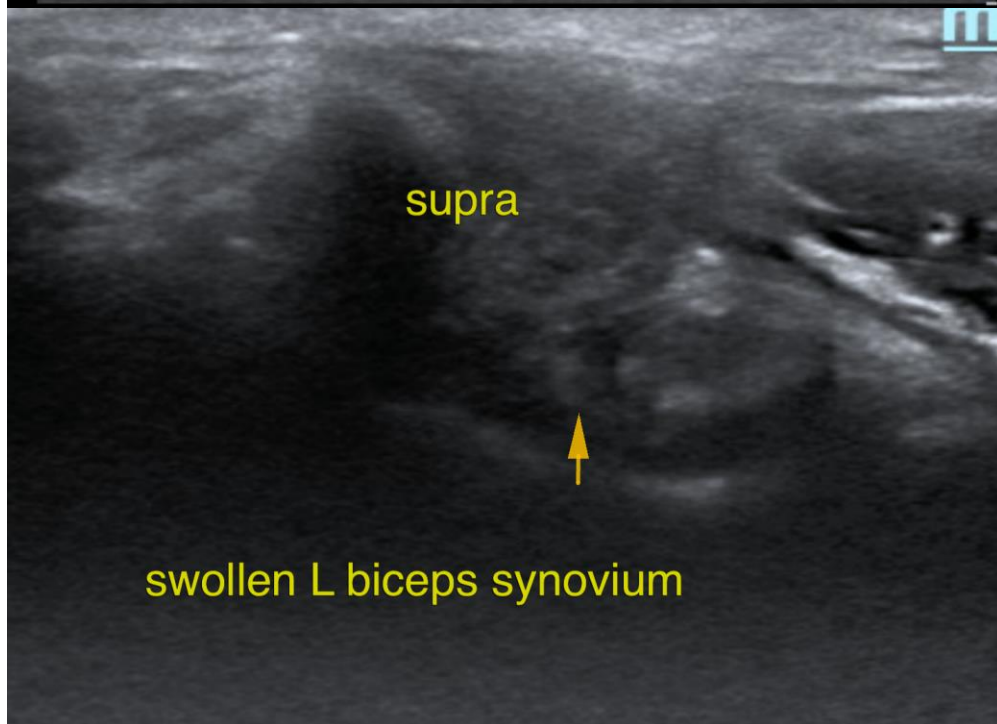
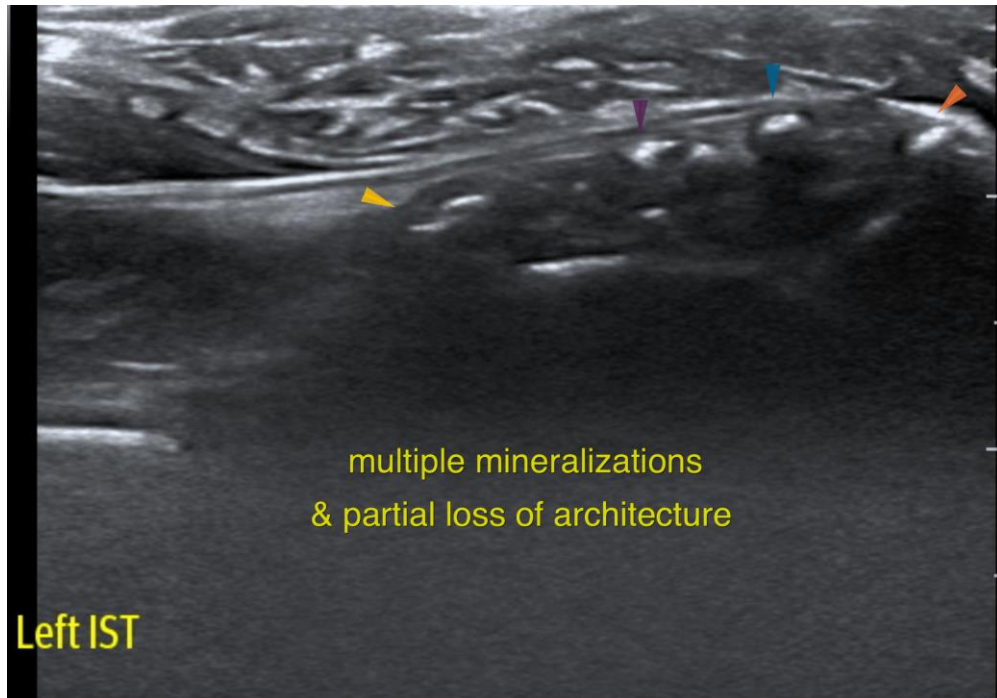
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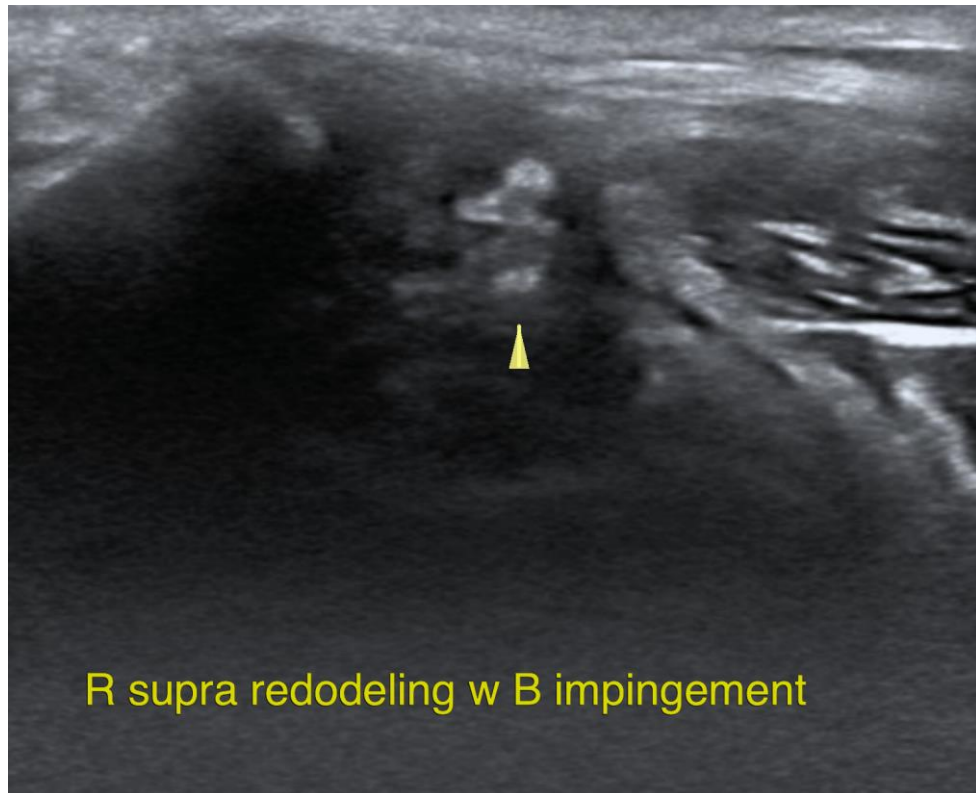
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

HOSPITAL NAME

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Veterinary Services

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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