



PATIENT

Luna Rude

PRESENTING CLINICAL SIGNS

Diagnosed 1 yr ago with biceps tenosynovitis by radiologist LTL Surgeon injected with steroid into L GH joint Resolved lameness for a few months

SPECIES

Canine

Abnormal PE/Chem/CBC/UA Results: My first exam was 30 days ago for rehab and pain management Painful ROM both shoulders, extension is the most painful but flexion is also painful. The left is most painful. Grade 2/5 TL lameness bilateral with shuffle and thoracic spine pain New rads: OCD fragments with moderate DJD both shoulders, spondylosis T 3-6 I injected both shoulders today with synamid and low dose triamcinolone (she is older and they prefer to get as much as they can out of this treatment). I used shockwave today also and was able to greatly improve her shoulder flexibility.

BREED

Catahoula Mix

ULTRASONOGRAPHIC FINDINGS

SEX

Female Spayed

Right Shoulder

The maximum thickness of the right supraspinatus tendon is 8.5mm. Moderate to severe internal echoarchitectural remodeling is seen. There is a hypoechoic area with pinpoint hyperechoic focus and roughening of the greater humeral tubercle's bone surface close to the insertion. Moderate biceps impingement is noted.

AGE

13

The biceps presents a core lesion of 1mm diameter which translates into approximately 15% to 20% of the tendons cross sectional area. The core lesion is in an eccentric superficial position. The margins of the supraspinatus tendon, transverse ligament, and biceps tendon are slightly ill-defined at the same level. There is a moderate amount of anechoic effusion within the bicipital tendon sheath. Moderate swelling of its synovium is noted. A moderate bony exostosis is seen within the intertubercular groove.

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

The medial glenohumeral ligament margins are ill-defined and hardly seen.

Moderate osseous remodeling of the visible periarticular margins is seen.

HOSPITAL NAME

Animal Care Center of
Castle Pines

The infraspinatus bursa is mildly enlarged.

Left Shoulder

The left supraspinatus measures 8.5mm in maximum thickness. Moderate internal echoarchitectural remodeling is seen with hyper- and hypo- echoic areas. The margins of the supraspinatus tendon, transverse ligament, and biceps are ill-defined. There is moderate biceps impingement. Mild to moderate osseous exostosis is seen in the intertubercular groove. No echoarchitectural changes of the biceps tendon are seen however, there is moderate anechoic effusion and moderate synovial swelling noted.

REFERRING VET

Bartling

INVOICE

48785

The medial glenohumeral ligament margins are ill-defined and hardly seen.

Moderate osseous remodeling of the visible periarticular margins is seen.

DATE

12-4-21

The infraspinatus bursa is mildly enlarged.



PATIENT

Luna Rude

SPECIES

Canine

BREED

Catahoula Mix

SEX

Female Spayed

AGE

13

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDF

HOSPITAL NAME

Animal Care Center of
Castle Pines

REFERRING VET

Bartling

INVOICE

48785

DATE

12-4-21

ULTRASONOGRAPHIC DIAGNOSIS

Right Shoulder:

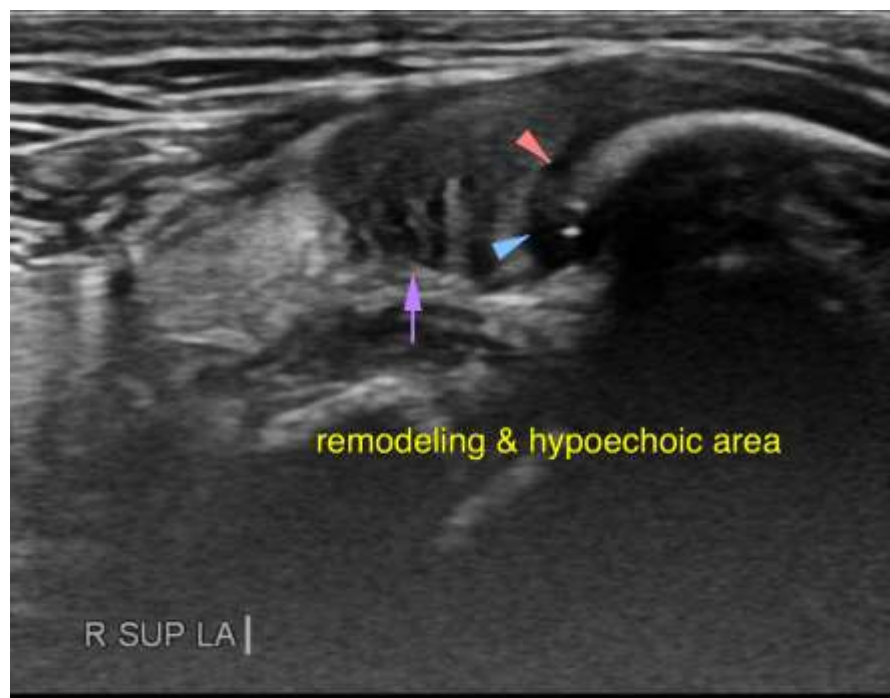
- Moderate active supraspinatus tendinopathy with biceps impingement.
- Moderate biceps tenosynovitis with core lesion.
- Presumed moderate shoulder osteoarthritis.
- Infraspinatus bursitis.

Left Shoulder:

- Moderate active supraspinatus tendinopathy with biceps impingement.
- Moderate biceps tenosynovitis.
- Presumed moderate shoulder osteoarthritis.
- Infraspinatus bursitis.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Complex supraspinatus/rotator cuff and biceps tenosynovitis secondary to supraspinatus impingement is seen in both shoulders. There is a small biceps core lesion on the right side. The ultrasonographic changes are moderate in degree and likely to be associated with clinical pain and lameness. Not all changes are necessarily secondary to supraspinatus tendinopathy and biceps tenosynovitis since complex rotator cuff injury and biceps tenosynovitis are seen in many patients with chronic shoulder osteoarthritis due to various reasons. However, the degree of changes certainly justify an attempt or another attempt of conservative management. However, appropriate caution must be applied in the further use of corticosteroids since there are internal echoarchitectural changes in the right biceps tendon which may progress with corticosteroid treatment.





PATIENT

Luna Rude

SPECIES

Canine

BREED

Catahoula Mix

SEX

Female Spayed

AGE

13

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

HOSPITAL NAME

Animal Care Center of
Castle Pines

REFERRING VET

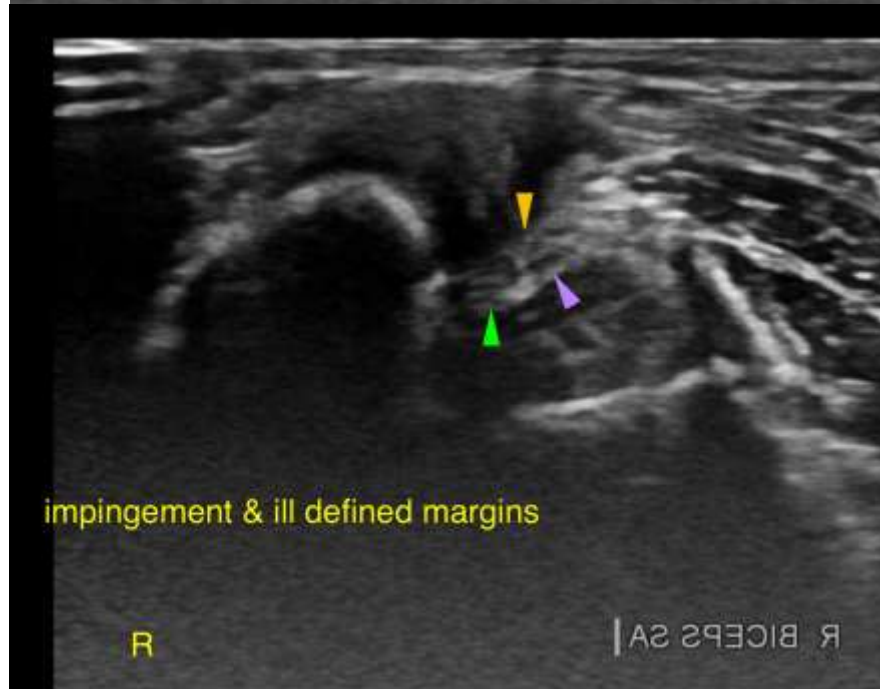
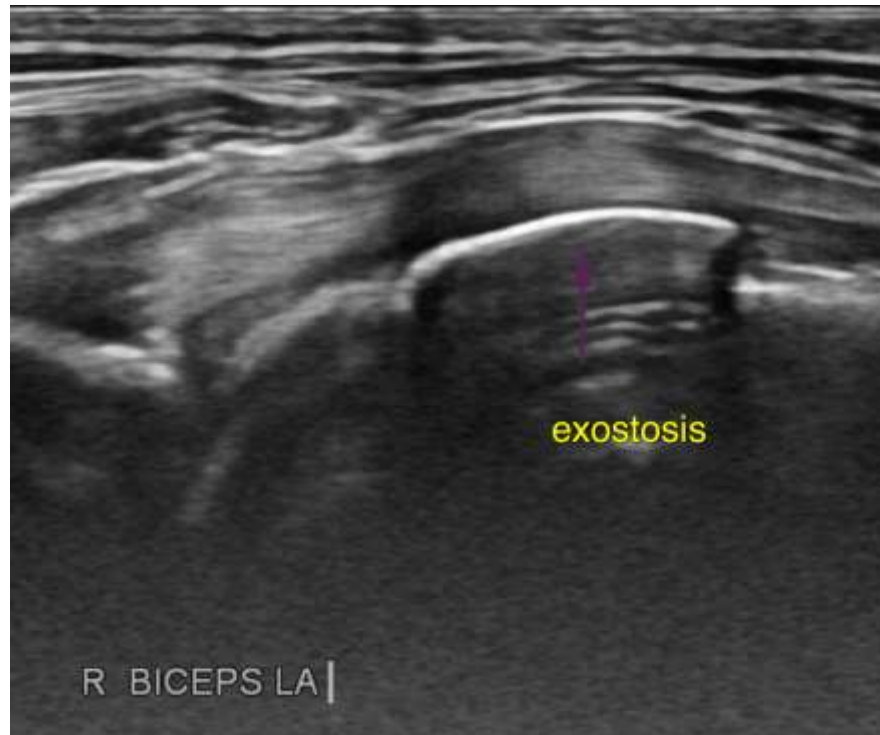
Bartling

INVOICE

48785

DATE

12-4-21





PATIENT

Luna Rude

SPECIES

Canine

BREED

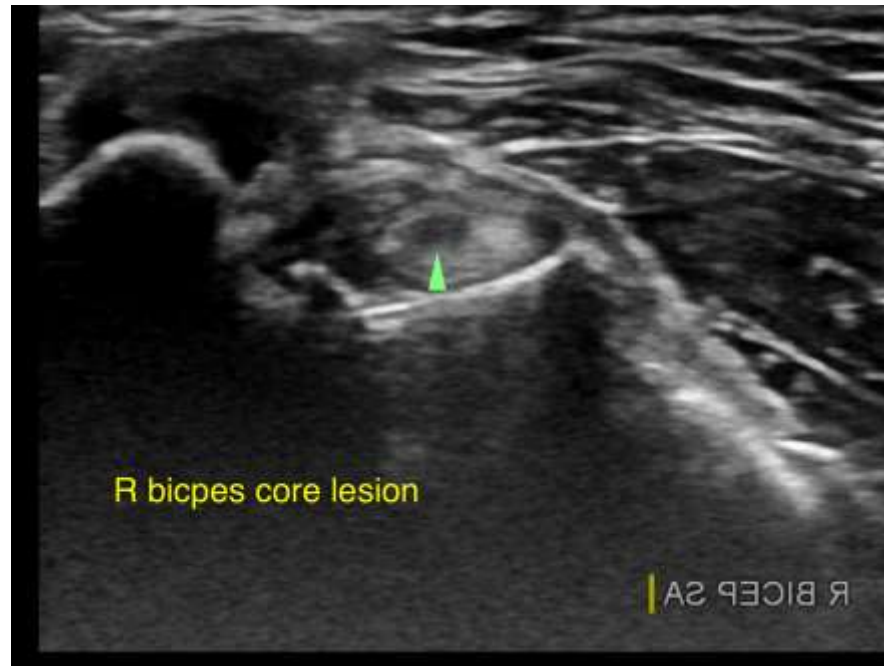
Catahoula Mix

SEX

Female Spayed

AGE

13



INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

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.

HOSPITAL NAME

Animal Care Center of
Castle Pines

Nele Eley, DVM, Dr. med. vet., DipECVDI
European Specialist in Veterinary Diagnostic Imaging, Cert. Radiology,
Senior lecturer University of Giessen, Germany, Veterinary Faculty, Department of Radiology
Nele.Eley@sonopath.com

REFERRING VET

Bartling

INVOICE

48785

DATE

12-4-21