



PATIENT PRESENTING CLINICAL SIGNS

PATIENT Kruger Bauerle
SPECIES Canine
BREED Ridgeback
SEX Male
AGE 5 Years

Shoulder US - bilateral Marked R elbow OA secondary to infection as a puppy Chronic pain from shoulder and elbow and lameness for 2-3 yrs - 50% responsive to NSAIDS and Amantadine Had Horners R eye - 2021 with lameness - normal MRI per neurologist at that time Treated for shoulder tendinopathy with shockwave with some improvement in 2021

Abnormal PE/Chem/CBC/UA Results: Very painful even with sedation at origin of biceps for US scan Injected shoulder and elbow today for pain relief with combination of steriods, polyacrylamide, and collagen product Rehab to follow for tendinopathy

ULTRASONOGRAPHIC FINDINGS

Right Shoulder

Subjective volume increase of the right supraspinatus tendon with an average maximum diameter of 10mm is seen. Moderate generalized echoarchitectural remodeling of the supraspinatus tendon is noted with multiple mineralizing foci measuring up to 3.5mm in diameter. Moderate impingement of the biceps tendon is seen accentuating the proximal aspect of the biceps tendon. There is moderate thickening of the bicipital synovium with moderate anechoic effusion within the tendon sheath. Mild smooth new bone formation is seen in the intertubercular groove. The supra- and infra-spinatus muscles present volume loss. A moderate amount of osteophytes appears to be present at the caudal margin of the humeral head. The infraspinatus tendon presents within normal limits.

Left Shoulder

Average maximum thickness of the left supraspinatus tendon is 10mm. Early biceps impingement is noted. Moderate echoarchitectural remodeling of the supraspinatus tendon tissue with early mineralizing foci is seen. Mild swelling of the bicipital synovium and mild anechoic effusion are noted within the tendon sheath. The intertubercular groove bone surface presents even and smooth.

INTERPRETED BY

Nele Eley, DVM
 Dr. med. Vet. DipECVDI

HOSPITAL NAME

Animal Care Center of
 Castle Pines

REFERRING VET

Bartling

ULTRASONOGRAPHIC DIAGNOSIS

- Mineralizing right supraspinatus tendinopathy with biceps impingement and moderate biceps tenosynovitis.
- Mild osteoarthritis of the right shoulder.
- Suspect disuse atrophy of the right shoulder musculature.
- Mild left supraspinatus tendinopathy with mild biceps impingement and mild biceps tenosynovitis.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Mineralizing supraspinatus tendinopathy with biceps impingement and moderate secondary biceps tenosynovitis are noted in the right shoulder. The biceps impingement appears to be advanced and is accentuated in the proximal aspect of the biceps tendon. Echoarchitectural changes of the biceps tendon itself are not seen at this point. The findings are concurred by mild osteoarthritic changes and muscle atrophy in the right shoulder.

INVOICE

56560

DATE

2-2-23



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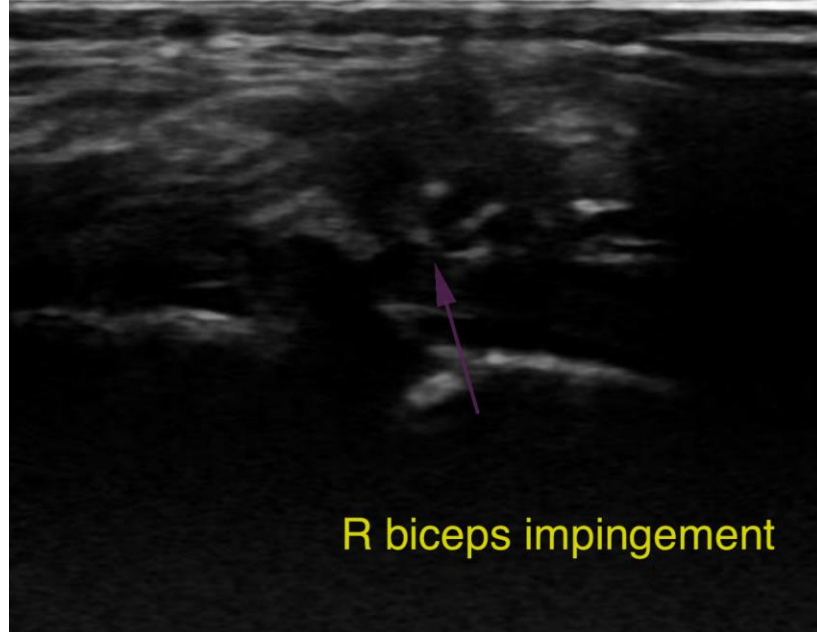
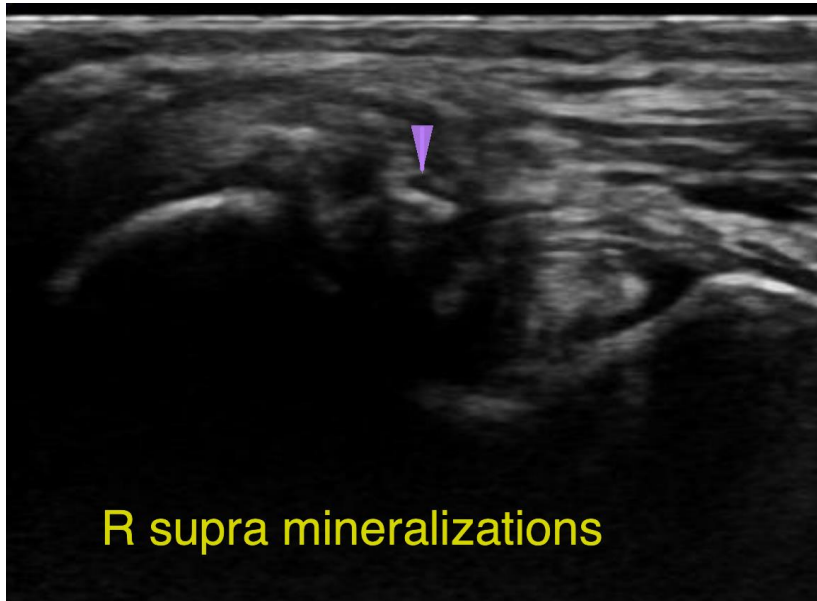
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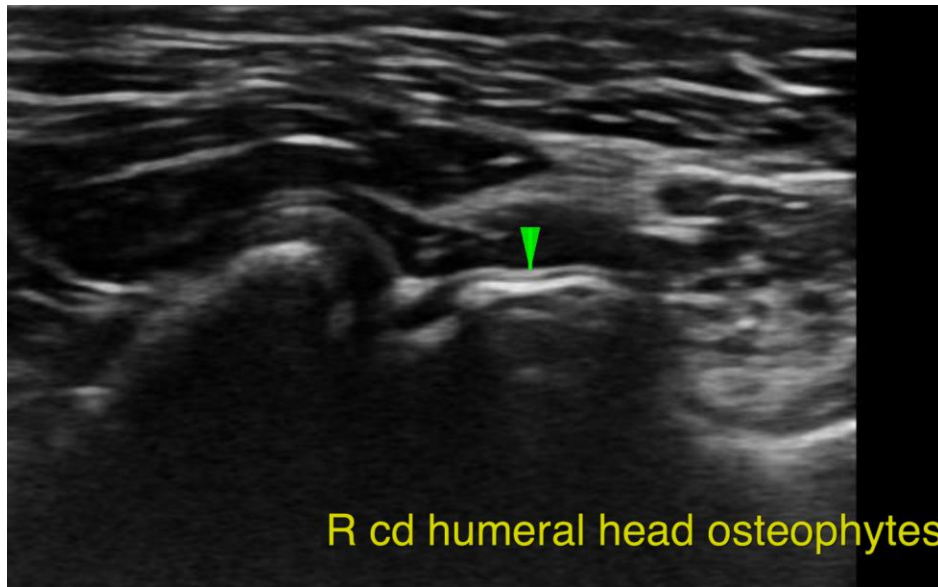
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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