SonoPath Teleradiology

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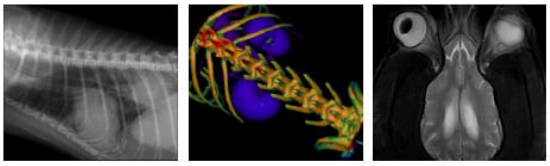

SonoPath.com
1-800-838-4268 info@sonopath.com

PATIENT

Ginny DeKort

SPECIES

Canine

BREED

Bullmastiff Medium Mix

SEX

FS

AGE

1 Year, 1 Month

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

HOSPITAL NAME

Westview Veterinary Hospital

REFERRING VET

Dr. Brian Barnes

INVOICE

53681

DATE

8-24-22

PRESENTING CLINICAL SIGNS

Dog previously presented with suspect favoring of the right front leg, now is distinctly the left front leg.
Abnormal PE/Chem/CBC/UA Results: Decreased muscle mass over the left scapula. Resist shoulder and elbow manipulation. Xrays Bilateral FMC processes of the elbows with concurrent O/A of the left elbow. Rest of xray study WNL. Shoulder scanned with U/S for further evaluation. CBC sl increased neuts Chem: NAF, U/A USG 1.009 , leul increased, WBC 17/HPF

ULTRASONOGRAPHIC FINDINGS

Left Shoulder

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. The supraspinatus thickness measures 7mm. There is no evidence of impingement even though the supraspinatus tendon and biceps tendon are anatomically close in this dog. The attachment to the bone surface of the greater humeral tubercle is even and smooth. The infraspinatus muscle condenses and narrows down to a long tendon of even width, smooth outline and regular echogenic fibular echoarchitecture and up to the attachment to the bone surface of the humerus. There is no evidence of enlargement of the infraspinatus bursa.

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.

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

Mild osseous irregularity is seen in the region of the proximal growth plate of the humerus which is within age related normal limits.

ULTRASONOGRAPHIC DIAGNOSIS

- Normal ultrasonographic presentation of the left biceps tendon and rotator cuff.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The ultrasonographic study reveals no evidence of rotator cuff injury or biceps tendinopathy in the left shoulder. A minimal amount of effusion is seen in the distal and medial portion of the bicipital tendon sheath which is within the expected limits. The biceps tendon and supraspinatus tendon are anatomically close in particular in this dog. However, at this time, there is no evidence of biceps impingement or tenosynovitis.

The supra- and infra- spinatus muscles and tendons of the left shoulder did not reveal structural abnormality as well.

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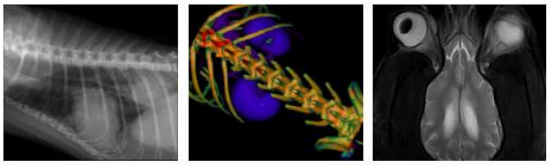

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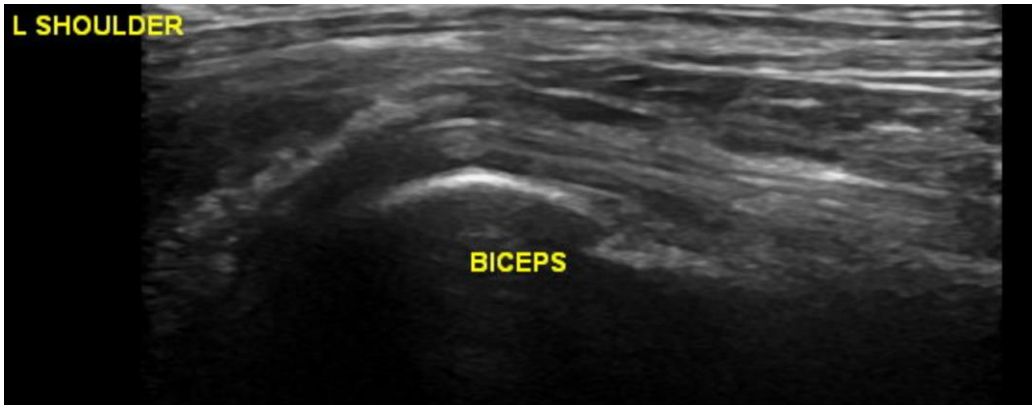

The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

Nele Eley, DVM, Dr. med. vet., DipECVDI
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Senior lecturer University of Giessen, Germany, Veterinary Faculty, Department of Radiology
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