



**PATIENT**

Mabou Ronchelli

**PRESENTING CLINICAL SIGNS**

Had contusion injury to left Shoulder at age 3. Current symptoms started about 1-2yrs ago. Symptoms are worse after rest, after exercise and in heat. O notes tripping in the forelimbs and is uncertain if she trips on just one forelimb or both. Often it occurs when going up stairs or when out on a hike and happens too quickly for O to notice. Symptoms are very intermittent. O notes that she has been licking her left carpus for 1+ years, she began licking the right carpus 3-4 months ago.

**SPECIES**

Canine

Abnormal PE/Chem/CBC/UA Results: RDVM Radiographs show mild OA changes to the carpi bilaterally. On PE Mabou had pain with flexion of right carpus and manipulation of left shoulder. There is mild atrophy of the left shoulder and intermittent off loading of the left forelimb.

**BREED**

Portuguese Water Dog

**ULTRASONOGRAPHIC FINDINGS**

**Left Shoulder**

**SEX**

FS

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. Mild internal echoarchitectural remodeling with no evidence of mineralization or biceps impingement is noted within the supraspinatus tendon. Average maximum thickness of the supraspinatus tendon is 8.5mm. 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.

**AGE**

10 Years

**INTERPRETED BY**

Nele Eley, DVM  
Dr. med. Vet. DipECVDI

Moderate anechoic effusion and moderate synovial swelling are seen within the bicipital tendon sheath. There is a moderate osseous exostosis within the intertubercular groove of the biceps tendon. No echoarchitectural changes of the tendon tissue itself are seen.

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

**HOSPITAL NAME**

Stride Canine Rehabilitation & Fitness Center

**Right 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. Mild internal echoarchitectural remodeling with no evidence of mineralization or biceps impingement is noted within the supraspinatus tendon. Average maximum thickness of the supraspinatus tendon is 8.5mm. 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.

**REFERRING VET**

Janice McConnell

**INVOICE**

56519

Mild anechoic effusion and mild synovial swelling are seen within the bicipital tendon sheath. There is a mild osseous exostosis within the intertubercular groove of the biceps tendon. No echoarchitectural changes of the tendon tissue itself are seen.

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

**DATE**

2-1-23



**PATIENT**

Mabou Ronchelli

**ULTRASONOGRAPHIC DIAGNOSIS**

- Moderate left hand sided chronic biceps tenosynovitis.
- Mild right hand sided chronic biceps tenosynovitis.

**SPECIES**

Canine

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The ultrasonographic study reveals chronic bilateral biceps tenosynovitis. The changes are slightly more advanced on the left when compared with the right side and may correlate with the patient lameness. At this point, conservative management appears to be indicated and may comprise systemic NSAID administration, rest, targeted physical therapy, and injections of prp into the shoulder joints concurred by shockwave, ultrasound, or laser treatment if available.

**BREED**

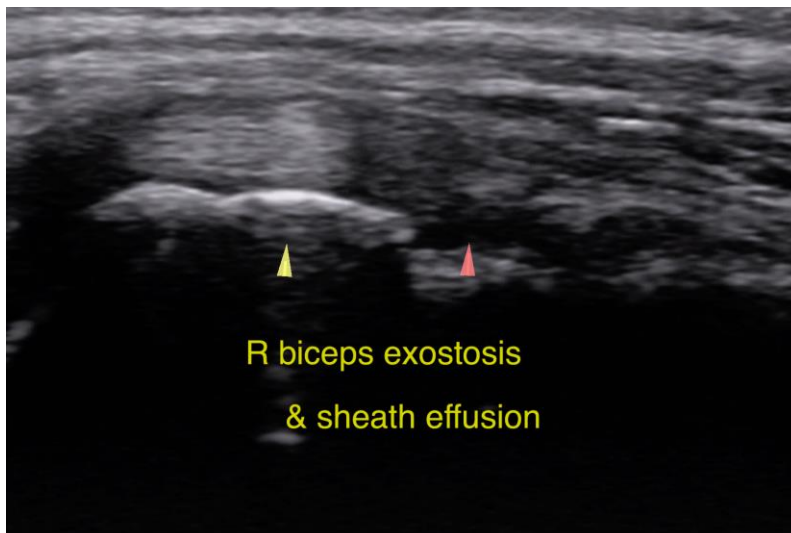
Portuguese Water Dog

**SEX**

FS

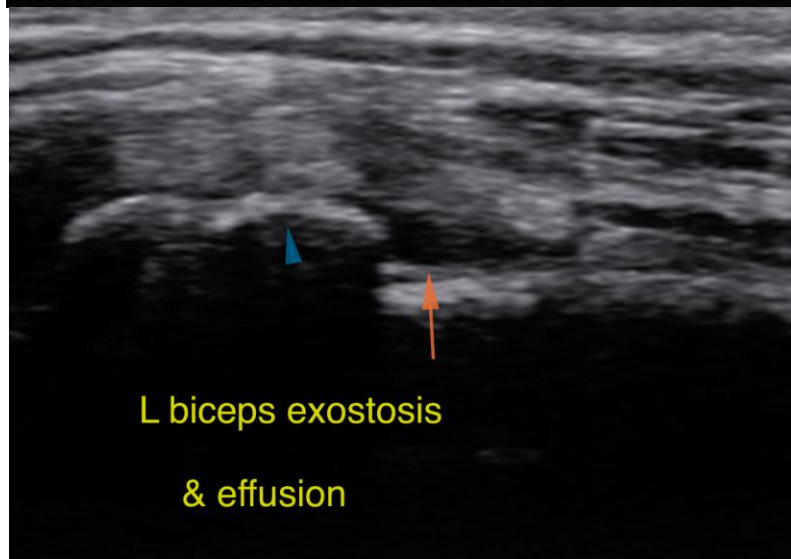
**AGE**

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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.

**SPECIES**

Canine

**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

**BREED**

Portuguese Water  
Dog

**SEX**

FS

**AGE**

10 Years

**INTERPRETED BY**

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Dr. med. Vet. DipECVDI

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