



**PATIENT PRESENTING CLINICAL SIGNS**

Sheba Broulik  
 Marked LF lameness for several months. Fell off a dog ramp doing agility last summer. No improvement with Galliprant.  
 Abnormal PE/Chem/CBC/UA Results: Overweight; L discomfort in biceps tendon, teres minor, mild in infraspinatus. OA in elbow (mild), interphalangeal joints and shoulder on rads. Reduced flexion both elbows, worse in LF.

**SPECIES**

Canine

**ULTRASONOGRAPHIC FINDINGS**

**BREED**

**Left Shoulder**

Border Collie

The supraspinatus tendon presents no significant echoarchitectural changes and measures 8.5mm in average maximum thickness. No significant biceps impingement is seen. The biceps tendon presents echoarchitectural changes with a core lesion affecting 20% of its cross sectional area within the intertubercular groove. Moderate osseous exostosis is seen within the intertubercular groove. There is moderate thickening of the bicipital synovium and moderate anechoic effusion. The infraspinatus presents within age related normal limits. Mild to moderate osteoarthritic changes of the periarticular margins are seen. There is a mild amount of fluid accumulating circumferential to the left teres minor tendon. The medial glenohumeral ligament margins are ill-defined. Diffuse loss of the ligament's echoarchitecture appears to be present.

**SEX**

FS

**AGE**

11 Years

**Right Shoulder**

The supraspinatus tendon presents no significant echoarchitectural changes and measures 8.5mm in average maximum thickness. No significant biceps impingement is seen. The biceps tendon presents echoarchitectural changes with a core lesion affecting 20% of its cross sectional area within the intertubercular groove. Moderate osseous exostosis is seen within the intertubercular groove. There is moderate thickening of the bicipital synovium and moderate anechoic effusion. The infraspinatus presents within age related normal limits. Mild to moderate osteoarthritic changes of the periarticular margins are seen. The medial glenohumeral ligament margins are ill-defined. Diffuse loss of the ligament's echoarchitecture appears to be present.

**INTERPRETED BY**

Nele Eley, DVM  
 Dr. med. Vet. DipECVDI

**HOSPITAL NAME**

Cedarview Animal  
 Hospital

**ULTRASONOGRAPHIC DIAGNOSIS**

- Moderate chronic bilateral biceps tenosynovitis with biceps core lesions in the left and right front limb.
- Mild to moderate shoulder osteoarthritis and suspect bilateral medial glenohumeral ligament desmopathy.
- Suspect lefthand sided teres minor tendinopathy.

**REFERRING VET**

Nigel Gumley

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

**INVOICE**

56809

The ultrasonographic study reveals chronic biceps tenosynovitis with core lesions of the biceps tendon in both shoulders. Relatively pointed exostoses impinge on the biceps tendons. The degree of concurrent tenosynovitis is moderate in both shoulders. Concurrent shoulder osteoarthritis and desmopathy of the medial glenohumeral ligaments are seen which may be concurred by medial shoulder instability. Clinical correlation is required in this context.

**DATE**

2-16-23

The left teres minor tendon shows signs of tendinopathy which may well be a sequela of the rotator cuff and biceps injury overall.



**PATIENT**

Sheba Broulik

**SPECIES**

Canine

**BREED**

Border Collie

**SEX**

FS

**AGE**

11 Years

**INTERPRETED BY**

Nele Eley, DVM  
Dr. med. Vet. DipECVDI

**HOSPITAL NAME**

Cedarview Animal  
Hospital

**REFERRING VET**

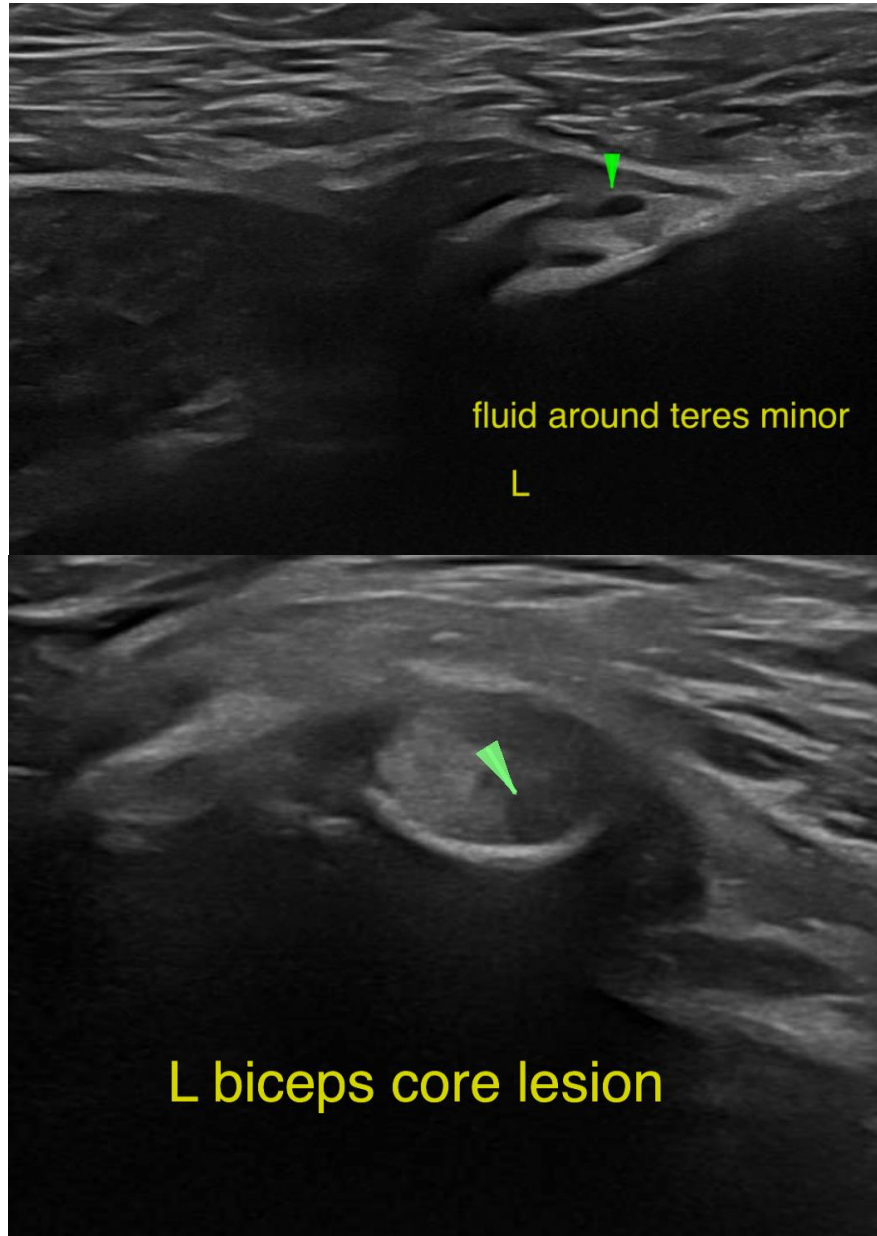
Nigel Gumley

**INVOICE**

56809

**DATE**

2-16-23





**PATIENT**

Sheba Broulik

**SPECIES**

Canine

**BREED**

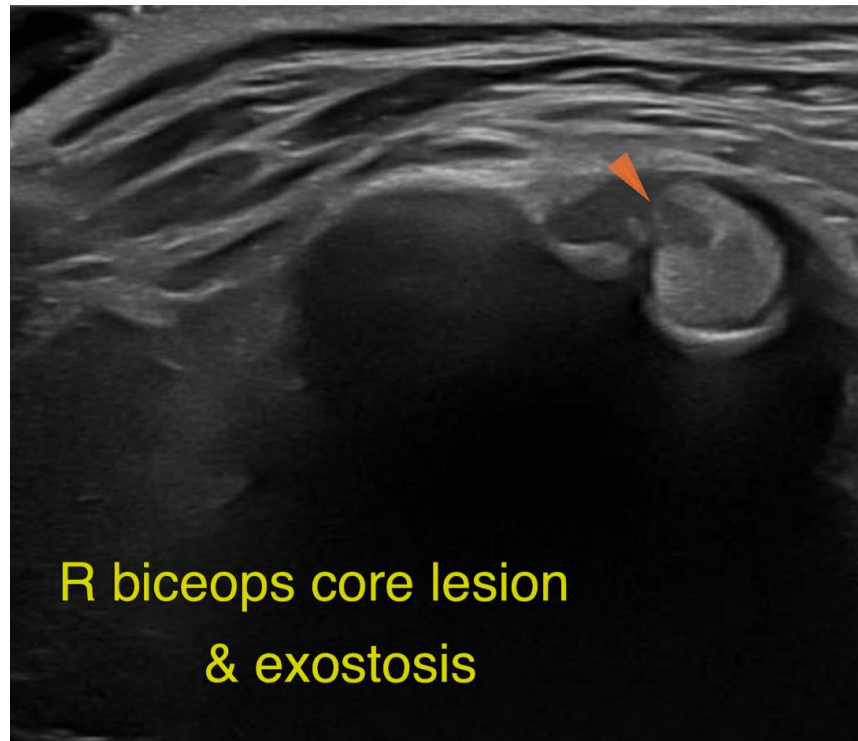
Border Collie

**SEX**

FS

**AGE**

11 Years



**INTERPRETED BY**

Nele Eley, DVM  
Dr. med. Vet. DipECVDI

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.

**HOSPITAL NAME**

Cedarview Animal  
Hospital

**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**

Nigel Gumley

**INVOICE**

56809

**DATE**

2-16-23