



**PATIENT**

Loki Hodgins

**PRESENTING CLINICAL SIGNS**

On x-ray (taken at another hospital and sent to us 01/10/2022) can see what looks like calcification in the triceps tendon. It feels thickened in comparison to the right tendon on palpation. After three weeks of physiotherapy and targeted rehabilitation, there is less calcification palpated.

**SPECIES**

Canine

**RADIOGRAPHIC STUDY OF THE ELBOWS & ULTRASONOGRAPHIC STUDY OF THE LEFT TRICEPS INSERTION**

**BREED**

4 radiographs in pdf format and 17 DICOM loops and 72 still images available for review.

German Shepherd X

**RADIOGRAPHIC FINDINGS**

Decrease in opacity and blurring is noted in the cranial contour of the medial coronoid process in both elbows.

**SEX**

Male Neutered

There is a moderate amount of periarticular osteophytes accentuating the radial head and anconeus process in both elbows.

**AGE**

4 Years

One large cauliflower shaped well delineated focus of mineralization is seen superimposed onto the mildly triceps tendon in the left elbow approximately 2.0 cm proximal of the olecranon. Smaller spurs of mineralization are seen proximal and caudal to the larger focus of mineralization superimposed onto the subcutaneous soft tissue. These appear to be outside of the triceps.

**INTERPRETED BY**

Nele Eley, DVM  
Dr. med. Vet. DipECVDI

**ULTRASONOGRAPHIC FINDINGS**

The muscular portion of the triceps and its musculotendinous junction present within normal limits. No overt alteration of the triceps tendon is seen. The olecranon surface is not included.

**HOSPITAL NAME**

Murdoch Veterinary  
Clinic

The mineralizations seen radiographically are not identified in the ultrasonographic study and I cannot ascertain the mineralizations to be situated within the triceps muscle/tendon based on the ultrasonographic examination.

**IMAGING DIAGNOSIS**

- Bilateral medial coronoid pathology with moderate secondary elbow osteoarthritis.
- Multifocal mineralizations in the region of the triceps tendon in the left thoracic limb.

**REFERRING VET**

Dr. Janelle Merritt

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The radiographic study reveals medial coronoid pathology with moderate secondary osteoarthritis in both elbows.

**INVOICE**

51130

The ultrasonographic study of the left triceps does not reveal triceps injury and the position of the mineralizations cannot be assigned to the triceps muscle or tendon clearly. Mineralizations outside of the muscle and tendon should be considered a potential and one of the main differential diagnoses would include calcosis circumscripta. It remains unclear as to whether the lameness is really attributable to the mineralizations or a result of the medial coronoid pathology and elbow osteoarthritis.

**DATE**

3-22-22



**PATIENT**

Loki Hodgins

**SPECIES**

Canine

**BREED**

German Shepherd X

**SEX**

Male Neutered

**AGE**

4 Years

**INTERPRETED BY**

Nele Eley, DVM  
Dr. med. Vet. DipECVDI

**HOSPITAL NAME**

Murdoch Veterinary  
Clinic

**REFERRING VET**

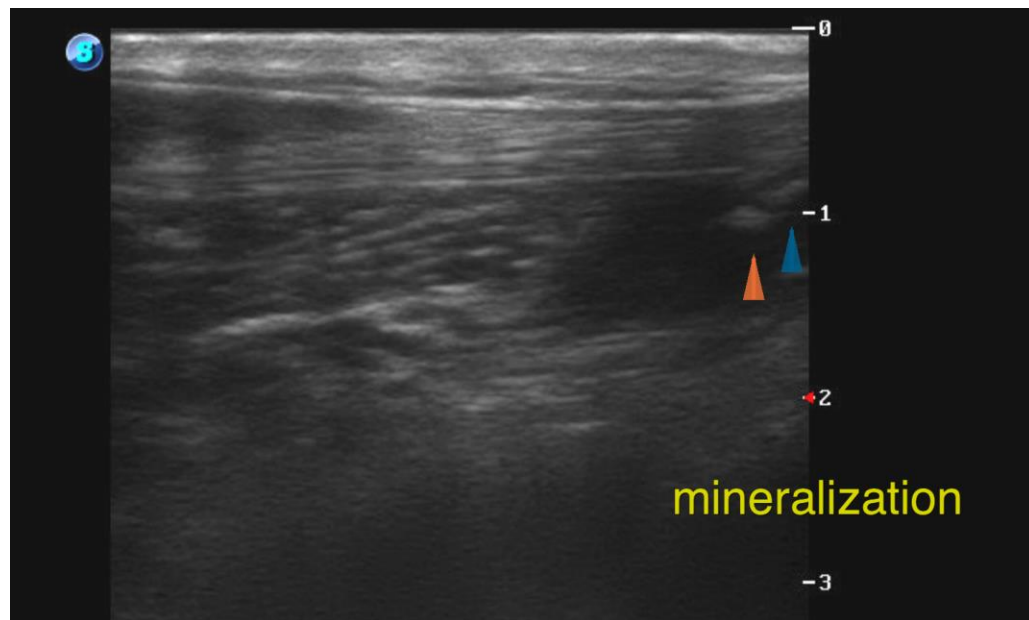
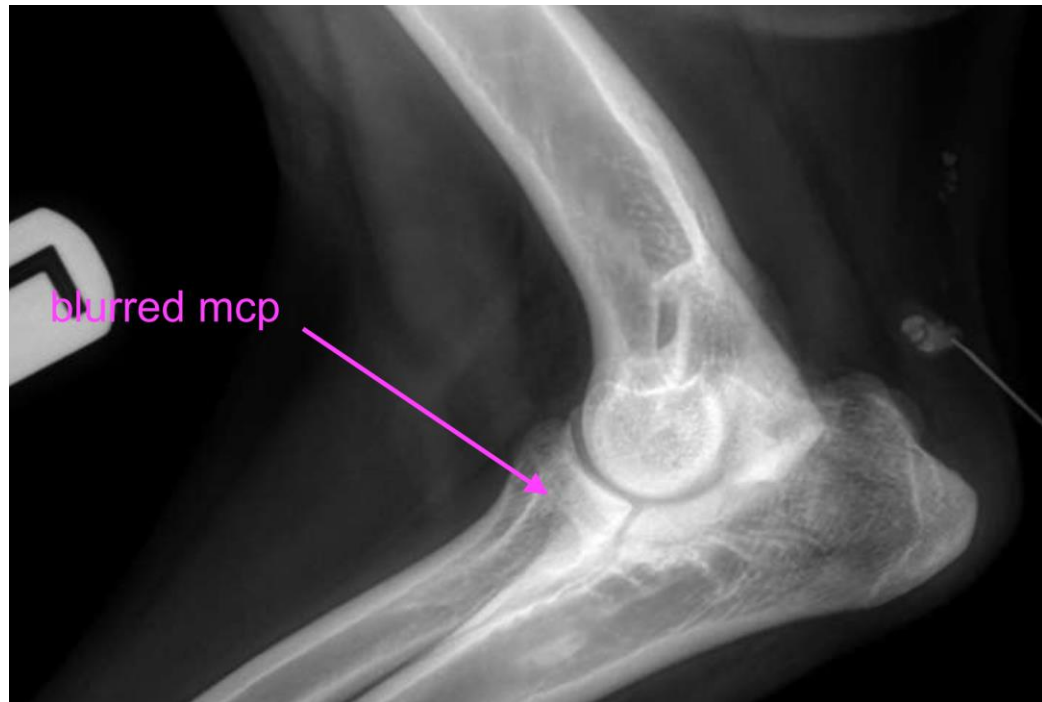
Dr. Janelle Merritt

**INVOICE**

51130

**DATE**

3-22-22





**PATIENT**

Loki Hodgins

**SPECIES**

Canine

**BREED**

German Shepherd X

**SEX**

Male Neutered

**AGE**

4 Years

**INTERPRETED BY**

Nele Eley, DVM  
Dr. med. Vet. DipECVDI

**HOSPITAL NAME**

Murdoch Veterinary  
Clinic

**REFERRING VET**

Dr. Janelle Merritt

**INVOICE**

51130

**DATE**

3-22-22

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