



**PATIENT PRESENTING CLINICAL SIGNS**

**PATIENT**  
Oban Prendergast

**SPECIES**  
Canine

**BREED**  
Mixed Medium Breed

Presented to the Toronto Animal Health Partners Surgery Service for evaluation of right thoracic limb and left pelvic limb lameness. Right thoracic limb lameness was initially noticed in August 2021 and is the primary reason for this appointment. Left pelvic limb lameness is due to trauma that occurred when he was a few months old, before he was with O. . Currently going to physiotherapy.

Abnormal PE/Chem/CBC/UA Results: Orthopedic exam: - forelimbs: No digital crepitus or pain. No carpal effusion, normal range of motion. Full range of motion of elbow, no pain on coronoid palpation. No pain on shoulder extension or flexion. \*broad based stance in forelimbs, - pelvic limbs: No pain on digital or hock palpation/range of motion. No instability, creptius, or effusion of stifle. No laxity of patella. No pain on hip range of motion or abduction. \*left PL atrophy, discomfort on hip extension\*

**COMPUTED TOMOGRAPHIC STUDY OF THE FRONT LIMBS & CERVICAL SPINE**

**SEX**  
MN

Plain and post contrast studies in soft tissue and bone windows available for review.

**COMPUTED TOMOGRAPHIC FINDINGS**

**Front Limbs**

A 3.5 x 2.5 mm sized demineralized fragment is isolated from the tip of the right medial coronoid process. Sclerosis of the base of the right medial coronoid process with loss of its trabecular bone pattern is noted. The radioulnar incisure is mildly incongruent. No evidence of subchondral bone defects of the medial humeral condyle is seen. There is a mild amount of periarticular osteophytes.

Mild sclerosis and irregular contour of the left medial coronoid process are seen. The remainder of the left elbow presents within normal limits.

Both shoulders present within age related normal limits.

The carpal and metacarpophalangeal joints present within normal limits.

**Cervical Spine**

Number, alignment, and anatomy of the cervical vertebrae present within normal limits. No evidence of cervical myelopathy is noted.

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

- Medial coronoid pathology with fragmentation and mild secondary osteoarthritis in the right elbow.
- Mild medial coronoid deformity of the left elbow with no secondary osteoarthritic changes and no evidence of fragmentation or fissuring.

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The CT study reveals fragmentation of the right medial coronoid process with mild secondary osteoarthritis of the right elbow. Consider arthroscopic revision to remove the fragment and

**INVOICE**

50664

**DATE**

3-2-22

**INTERPRETED BY**

Nele Eley, DVM  
Dr. med. Vet. DipECVDI

**HOSPITAL NAME**

Animal Health  
Partners

**REFERRING VET**

Dr. Lea Mehrkens



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prevent further damage to the articular structures. No other potential source of lameness was identified in the front limbs and cervical spine.

The changes of the left medial coronoid process are mild and unlikely to pose clinical significance. No elbow osteoarthritis is seen. Arthroscopic revision should only be considered in case of pertinent clinical signs.

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Canine

**BREED**

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**SEX**

MN

**AGE**

7 Years

**INTERPRETED BY**

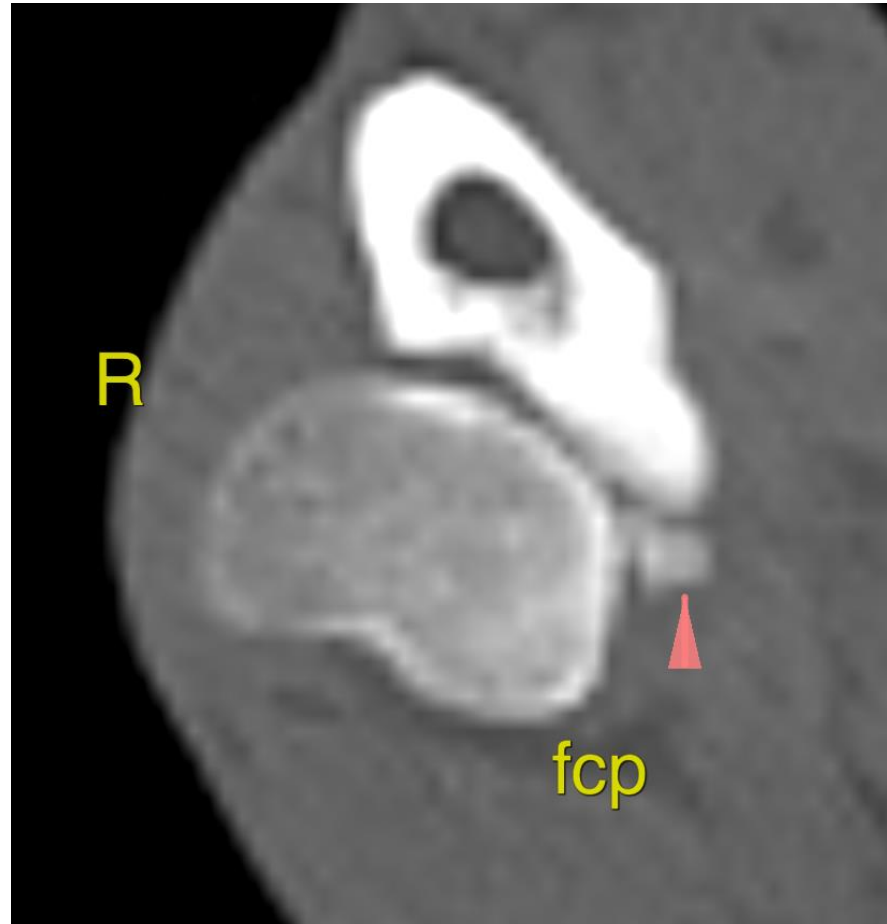
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

**DATE**

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**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