



PATIENT PRESENTING CLINICAL SIGNS

PATIENT
Luna Lopez

SPECIES
Canine

BREED
Bull Mastiff

R FL lameness. The lameness was initially noticed in October 2021. Luna has 2 sets of radiographs. The owners have started a supplement that has helped the lameness. Luna has an upcoming appointment for rehab as well. Luna has had a previous history of gastroenteritis, ear infections and kennel cough Luna currently on joint supplements (finished about a week ago, started a month ago, which it helped - TRI ACTA JOINT HEALTH AND MOBILITY). Luna is currently eating Acana limited ingredients GF with is allergic to duck, egg, rice, potatoes, peas, environmental (grass). Luna is UTD on vaccines. Luna E/D is normal, urinating and defecating normal. Vomiting has not been noted since O switched foods but before there were 2 episodes of vomiting yellow foam. Energy levels are normal
Abnormal PE/Chem/CBC/UA Results: Right elbow pain on flexion and internal rotation, palpation of coronoid

COMPUTED TOMOGRAPHIC STUDY OF THE SHOULDERS & ELBOWS

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

Female

COMPUTED TOMOGRAPHIC FINDINGS

Shoulders

AGE
1 Year, 11 Months

Three 1-2.5mm sized mineral attenuating structures are seen within the left supraspinatus tendon close to the greater humeral tubercle. Mild periarticular bone remodeling of the glenoid cavity and humeral head are seen in the left shoulder.

The right shoulder presents within age related normal limits.

Elbows

A 7 x 3.5mm sized demineralized fragment is isolated from the tip of the right medial coronoid process. The base of the medial coronoid process presents sclerosis with loss of its trabecular bone pattern. A mild amount of periarticular osteophytes are seen. Mild asymmetry of the humeroulnar joint space and mild radioulnar step formation are noted. The subchondral bone of the medial humeral condyles appears intact.

Mild deformity and heterogeneous attenuation of the tip of the left medial coronoid process is seen. There is no obvious fissure or fragmentation. There is mild asymmetry of the humeroulnar joint space and a mild radioulnar step formation. The subchondral bone of the humeral condyles is intact.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Right medial coronoid disease with fragmentation and mild osteoarthritis of the right elbow.
- Coronoid disease without fragmentation or fissure of the left medial coronoid process of uncertain clinical significance.
- Mineralizing supraspinatus tendinopathy in the left shoulder of uncertain clinical significance.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT study reveals a fragmented medial coronoid process in the right elbow. A large fragment

INVOICE

53256

DATE

8-3-22

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

HOSPITAL NAME

Animal Health
Partners

REFERRING VET

Dr. Jeffery Biskup



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is isolated from the tip of the medial coronoid process. Arthroscopic revision of the right elbow with fragment removal is recommended in order to prevent further damage to the articular structures.

The changes of the left elbow are minimal and may not be of clinical significance.

SPECIES

Canine

The mineralizing supraspinatus tendinopathy is typically not causing clinical lameness or pain per say, however, it can progress and cause biceps impingement syndrome. At this point, clinical significance of the changes in the left shoulder appears unlikely.

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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.

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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

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