



PATIENT

Rocco Meigel

PRESENTING CLINICAL SIGNS

Rocco presented for ~~ limb lameness of ~~ week duration, secondary to ~~ (trauma). Rocco responded to ~~ medications.

SPECIES

Canine

COMPUTED TOMOGRAPHIC STUDY OF THE FRONT LIMBS & CERVICAL SPINE

Post-contrast studies of the carpi, elbows, shoulders, and cervical spine available for review. Limited study of the carpi and elbows due to scatter and object motion especially on the right front limb.

BREED

Bermese Mountain Dog

COMPUTED TOMOGRAPHIC FINDINGS

Elbows

A large demineralized fragment appears to be isolated from the tip of the right medial coronoid process. Sclerosis of the base of the medial coronoid process is seen. The subchondral bone of the humeral trochlea is intact with no evidence of defects. Moderate periarticular osteophyte formations are noted.

SEX

MN

The tip of the medial coronoid process in the left elbow presents mildly irregular outline and sclerosis. No fragment or fissure is seen. The periarticular margins present no significant osteophytes. The humeral trochlea's subchondral bone is intact.

AGE

4 Years

Shoulders

A 4mm sized mineralization is seen within the supraspinatus tendon in the right shoulder. The intertubercular groove presents within normal limits. No evidence of periarticular osteophytes is noted.

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

The left shoulder presents within normal limits.

HOSPITAL NAME

Animal Surgical Center

Carpi

Both carpal joints present within normal limits.

Cervical Spine

Number, alignment, and anatomy of the cervical vertebrae present within normal limits.

REFERRING VET

Animal Surgical Center

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Moderate right sided elbow osteoarthritis secondary to fragmentation of the medial coronoid process.
- Coronoid pathology without fissure or fragmentation in the left elbow - unlikely to be of clinical significance.
- Mineralizing tendinopathy of the supraspinatus tendon in the right shoulder - not necessarily of clinical significance.

INVOICE

52047

DATE

5-10-22



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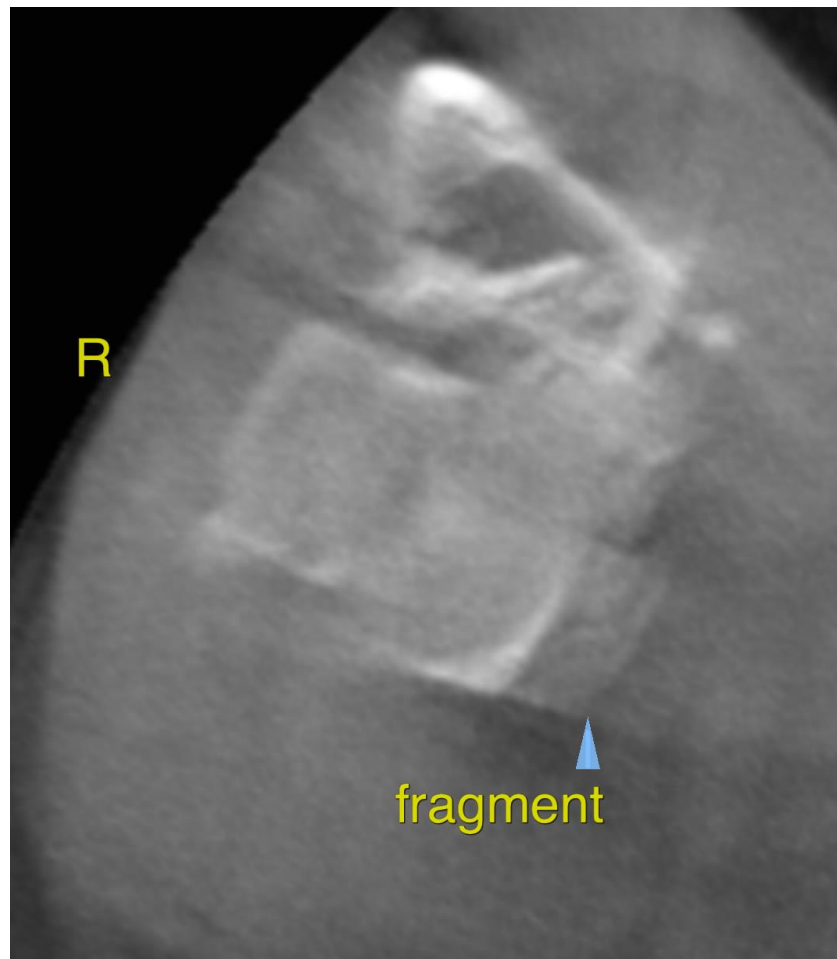
DATE

5-10-22

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The main finding appears to be medial coronoid pathology with a large isolated fragment and moderate secondary osteoarthritis in the right elbow. Consider arthroscopic revision of the joint in order to prevent further damage to the articular structures.

The findings of the left side support presence of medial coronoid pathology. Osteomalacia appears to be a potential; however, at this time, no evidence of fragmentation or fissure is seen and there is no evidence of secondary osteoarthritic changes. Further workup such as arthroscopy is only recommended in case of clinical pain and lameness.





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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

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