
**PATIENT PRESENTING CLINICAL SIGNS**

Nugget Markwardt Limping front right leg.

**COMPUTED TOMOGRAPHIC STUDY OF THE ELBOWS, SHOULDERS & CARPI**
**SPECIES**

Canine

Plain and post-contrast studies of the shoulders, post-contrast studies of the elbows and carpi are available for review.

**COMPUTED TOMOGRAPHIC FINDINGS**
**BREED**

Mixed

Elbows

Five (between 1-5 mm sized) fragments are isolated from the tip of the right medial coronoid process. Most of the right medial coronoid process is fragmented. The remaining base of the medial coronoid process presents sclerosis. Subchondral bone sclerosis and flattening of the medial humeral condyle are noted. There is a moderate amount of periarticular osteophytes.

**SEX**

Neutered Male

Three (between 1-4mm sized) rounded fragments are isolated from the tip of the left medial coronoid process. Sclerosis of the base of the medial coronoid process is seen. There is no evidence of subchondral bone defects. Mild periarticular osteophytes are noted.

**AGE**

1 Year 6 Months

Shoulders & Carpal Joints

Both shoulders and carpal joints present within age related normal limits. There is no evidence of shoulder or carpal arthropathy. The bones are in situ and intact.

**COMPUTED TOMOGRAPHIC DIAGNOSIS**
**INTERPRETED BY**

Nele Eley (Ondreka),  
 DVM Dr. med. vet.,  
 DipECVDI

- Bilateral medial coronoid pathology with multiple fragments and moderate right-sided as well as mild left-sided secondary elbow osteoarthritis.
- Normal CT presentation of both shoulders and carpi,

**HOSPITAL NAME**

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**INTERPRETATION OF FINDINGS & FURTHER RECOMMENDATIONS**

The CT study reveals bilateral medial coronoid pathology. Multiple fragments are isolated from the medial coronoid processes, which results in significantly reduced ulnar joint surface in the right elbow. There also appears to be a kissing lesion developing in the medial humeral condyle in the right elbow. Moderate secondary osteoarthritis is seen in the right elbow. Mild secondary osteoarthritis and multiple medial coronoid process fragmentation are present in the left elbow. Bilateral arthroscopic revision of the elbows is strongly recommended in this patient.

**REFERRING VET**

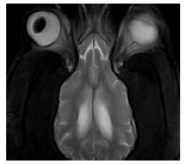
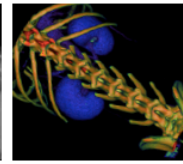
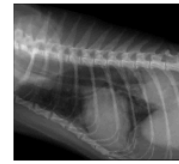
Dr. Meaux

**INVOICE**

44598

**DATE**

8/10/23



**PATIENT**

Nugget Markwardt

**SPECIES**

Canine

**BREED**

Mixed

**SEX**

Neutered Male

**AGE**

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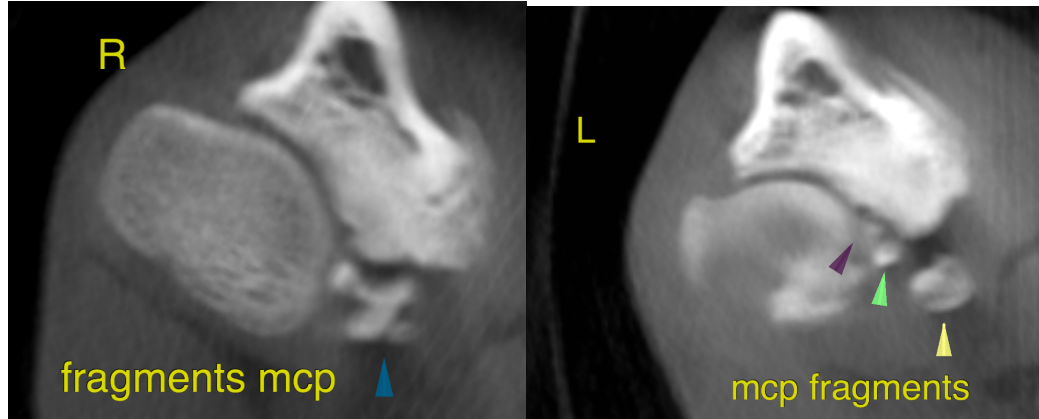
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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