



**PATIENT PRESENTING CLINICAL SIGNS**

**Gunner Huenefeld** History of forelimb lameness (owners not sure which limb) typically when the pet gets up from rest. Findings from X-ray report: Mild right-sided elbow osteoarthritis. Additionally, the medial coronoid process of the right ulna is poorly delineated. These findings are most likely due to a medial coronoid/compartement disease.

**SPECIES**

Canine

**COMPUTED TOMOGRAPHIC STUDY OF THE FRONT LIMBS**

A high resolution pre- and post-contrast CT study of the front limbs is provided for review.

**BREED**

Norwegian Elkhound

**COMPUTED TOMOGRAPHIC FINDINGS**

In the subcutaneous tissue dorsal to the cranial thoracic spine, multiple, well-defined, soft tissue nodules are seen.

**SEX**

Male

Both shoulder joints present smooth osseous margins and the surrounding soft tissue structures are within normal limits.

**AGE**

3 Years 5 Months

The periarticular bones of both elbow joints present mild osteophyte new bone formation. The tip of the medial coronoid process of the right elbow joint has a mild heterogeneous attenuation pattern with a decreased density of the tip. The most cranial aspect of the tip of the medial coronoid process of the left elbow joint is demarcated by an ill-defined fissure line. The elbow joints present a mild radio-ulnar step formation, measuring 0.8 mm respectively. At the cranial aspect of the supratrochlear foramen of the right humerus, well-defined mineralized bodies are associated with the region of the synovial capsule, measuring up to 2 mm.

**INTERPRETED BY**

Sebastian Schaub, DVM  
Dr. med. vet. DipECVDI

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

**HOSPITAL NAME**

Mobile Pet Imaging

- Coronoid disease elbow joints bilaterally
- Mild degenerative osteoarthritis elbow joints bilaterally
- Very mild radio-ulnar step formation
- Synovial osteochondromatosis versus metaplasia cranial aspect right elbow joint
- Non-specific subcutaneous nodules dorsal aspect cranial thoracic spine
- Normal shoulder joints

**REFERRING VET**

Dr. Meaux

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The findings are consistent with mild chronic degenerative joint disease of both elbow joints due to pathology of the medial coronoid process.

**INVOICE**

22005

Arthroscopy/arthrotomy is recommended to revise the elbow joints and remove the non-vital bone of the medial coronoid process and prevent further damage.

**DATE**

4/14/23



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**HOSPITAL NAME**

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**REFERRING VET**

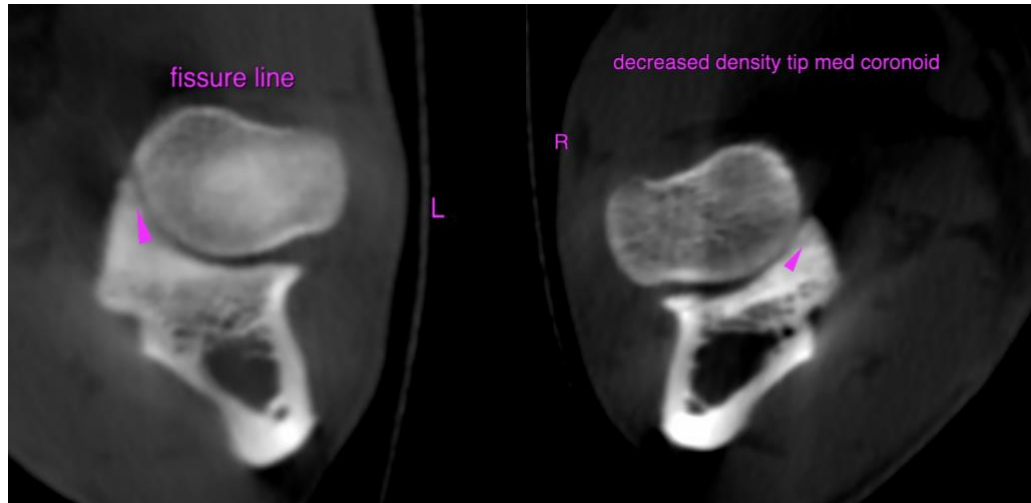
Dr. Meaux

**INVOICE**

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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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