

**PATIENT**

Jackson Venhaus

PRESENTING CLINICAL SIGNS

Bilateral elbow dysplasia (has not had a CT before).
Abnormal PE/Chem/CBC/UA Results: Normal labwork.

SPECIES

Canine

COMPUTED TOMOGRAPHIC STUDY OF THE ELBOWS

Plain studies of the bilateral elbows available for review.

BREED

Lab Retriever Mix

COMPUTED TOMOGRAPHIC FINDINGS

Deformity, irregular outline, and decreased density of the tip of the right medial coronoid process are seen as well as faint fissure lines. The subtrochlear notch of the ulna presents extensive sclerosis. Focal flattening and sclerosis of the subchondral bone of the medial humeral condyle are seen. There is a large amount of periarticular osteophytes in all compartments of the joint.

SEX

MN

One 3mm sized, one 2mm sized, and two 1mm sized sclerotic fragments are isolated and dislocated from the tip of the left medial coronoid process. Extensive subtrochlear notch sclerosis of the ulna is seen. There is focal flattening and sclerosis of the medial humeral condyle's subchondral bone. A large amount of periarticular osteophytes is present in all compartments of the joint.

AGE

4 Years

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Bilateral medial coronoid pathology with severe secondary osteoarthritis and signs of medial compartment syndrome.

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT findings reveals the presence of bilateral medial coronoid pathology. The findings of the right medial coronoid process are likely to reflect osteomalacia and/or microfractures.

HOSPITAL NAME

Animal Health Care
Denver

Isolated fragments of the medial coronoid process are seen in the left elbow. The secondary osteoarthritic changes are bilaterally symmetric, and the presentation of the medial humeral condyle's subchondral bone strongly suggests the presence of cartilage damage within the medial joint compartment.

REFERRING VET

Cathryn Sayer

INVOICE

57979

DATE

4-25-23



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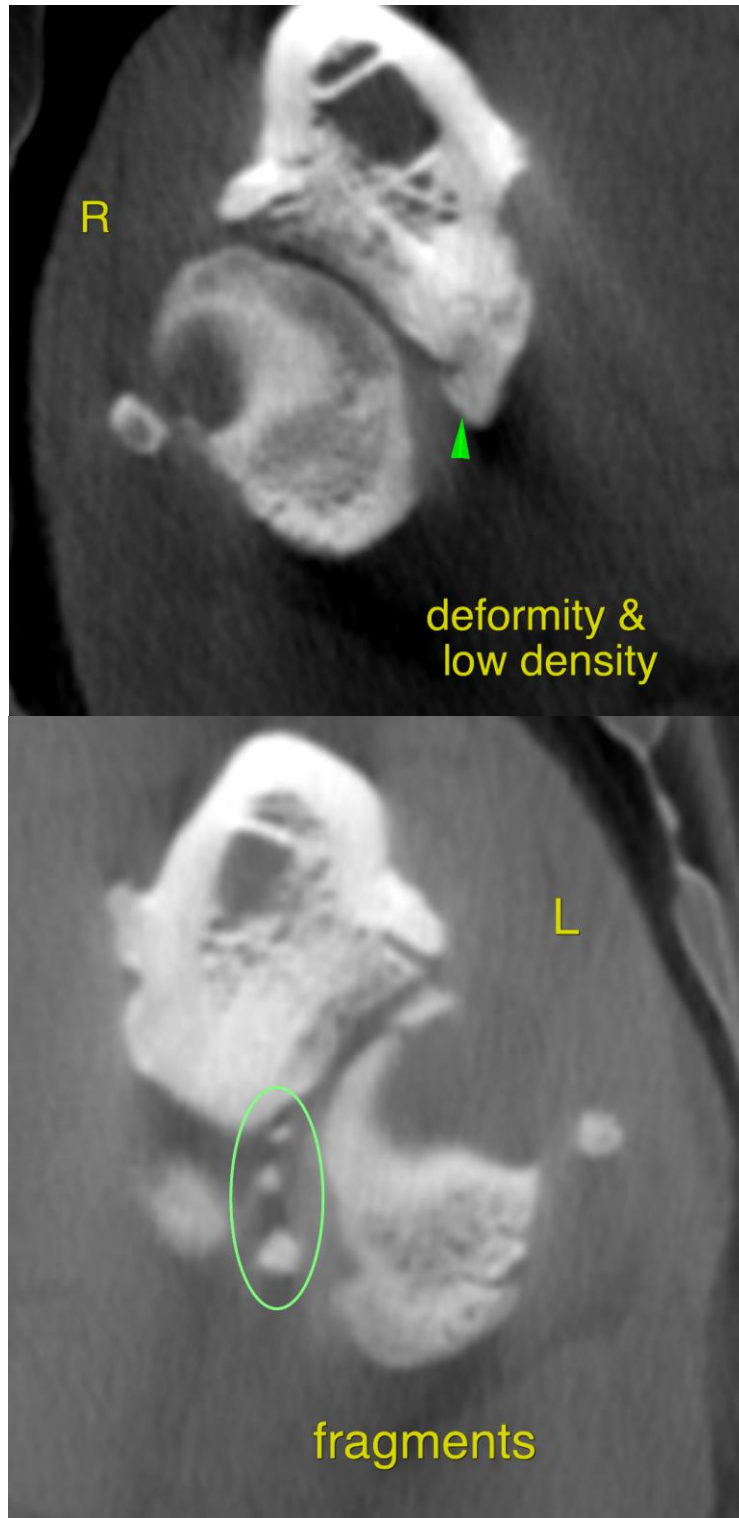
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

SPECIES

Canine

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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Lab Retriever Mix

Nele Eley, DVM, Dr. med. vet., DipECVDI
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Senior lecturer University of Giessen, Germany, Veterinary Faculty, Department of Radiology
Nele.Eley@sonopath.com

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