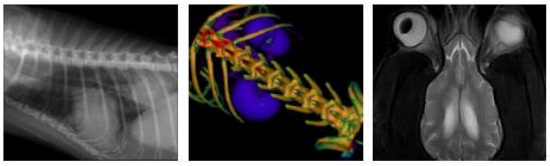
SonoPath Teleradiology
EDUCATIONAL TELECONSULTATION SERVICES™



SonoPath.com
1-800-838-4268 info@sonopath.com

PATIENT

Axel Knight

SPECIES

Canine

BREED

German Shepherd

SEX

MN

AGE

1 Year, 2 Months

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

HOSPITAL NAME

Animal Health Care
Denver

REFERRING VET

Cathryn Sayer

INVOICE

53979

DATE

9-6-22

PRESENTING CLINICAL SIGNS

Lameness R front.
Abnormal PE/Chem/CBC/UA Results: NSF

COMPUTED TOMOGRAPHIC STUDY OF THE FRONT LIMBS

Plain studies of the shoulders, elbows, and right carpus available for review.

COMPUTED TOMOGRAPHIC FINDINGS

Shoulders

The shoulders present within normal limits. No evidence of osteochondritis, osteoarthritis, or traumatic osseous injury is seen.

Right Elbow

2.5 x 1mm sized fragments are isolated from the tip of the right medial coronoid process. The base of the medial coronoid process presents significant sclerosis and irregular outline. Radioulnar incisure incongruity is noted.

There is no evidence of subchondral bone defects within the medial humeral condyle.

A moderate amount of periarticular osteophytes is seen.

Left Elbow

A 1mm sized fragment is seen at the tip of the medial coronoid process. The base of the medial coronoid process presents mild sclerosis. Mild radioulnar incisure incongruity is noted.

There is no evidence of subchondral bone defects.

A mild amount of periarticular osteophytes is present.

Right Carpus

The osseous anatomy and alignment of the carpal bones is within normal limits. There is no evidence of articular swelling, traumatic osseous injury, or subluxation. No evidence of degenerative joint disease is seen.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Bilateral elbow dysplasia with fragmentation of the medial coronoid processes and secondary elbow osteoarthritis.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT study reveals bilateral elbow dysplasia. Fragmentation of the medial coronoid process is noted within both elbows. The changes are more pronounced in the right elbow where two fragments are isolated from the tip of the medial coronoid process and moderate secondary

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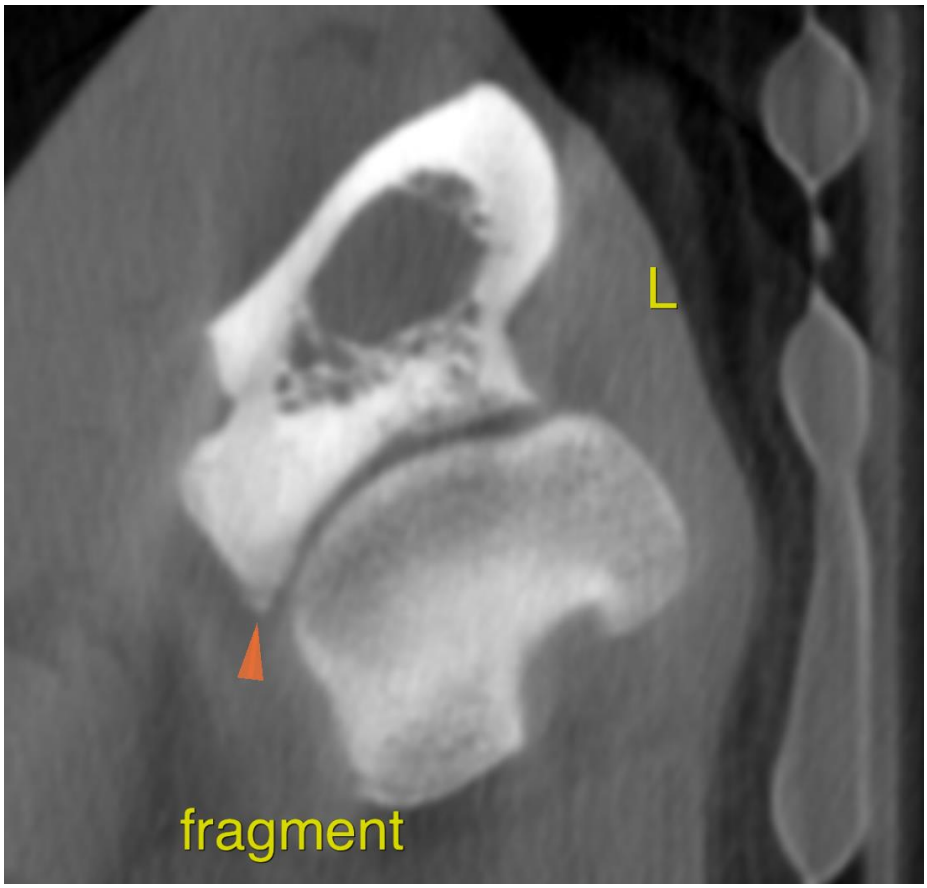
osteoarthritic changes are present.

The fragment in the left elbow is smaller and in situ. Mild secondary osteoarthritis of the left elbow is noted.

Consider arthroscopic revision of both elbow joints in order to remove the fragments and prevent further damage to the articular structures.



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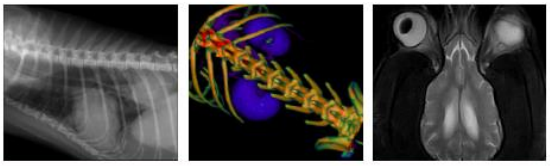

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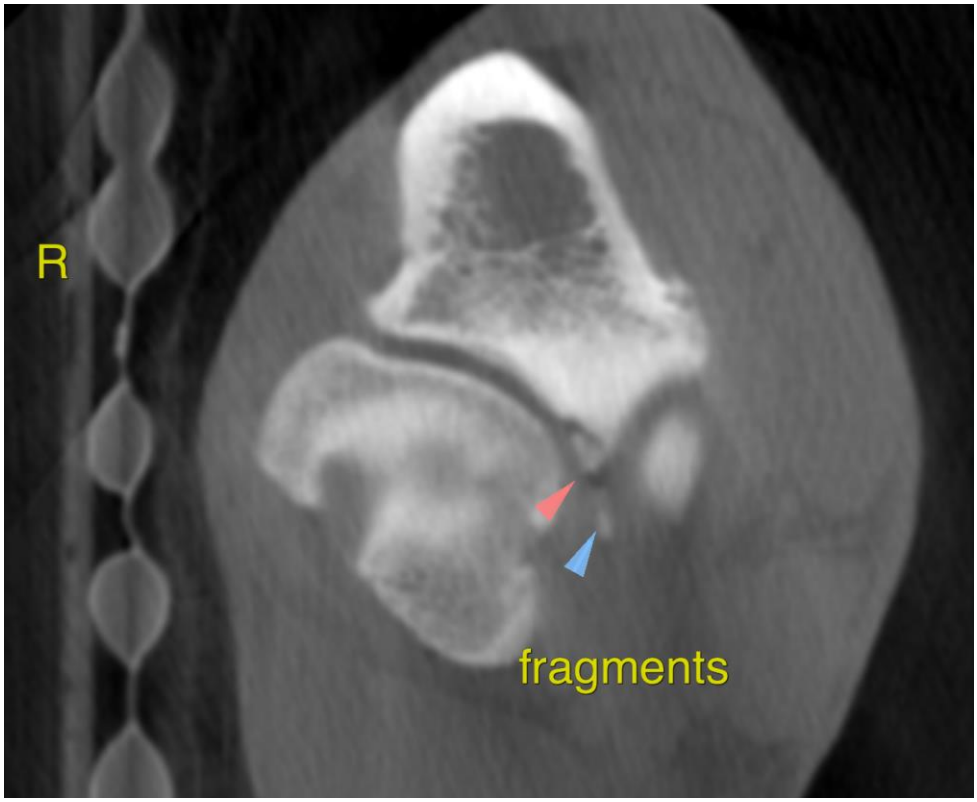

The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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
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