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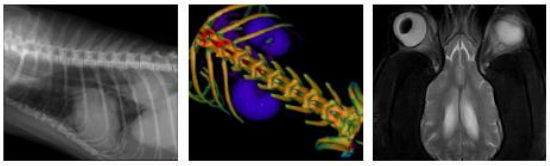

PATIENT

Bruno Mintz

SPECIES

Canine

BREED

Pug Mix

SEX

MN

AGE

9 Years

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

HOSPITAL NAME

Animal Surgical Center

REFERRING VET

Wantagh Animal Hospital

INVOICE

57893

DATE

4-19-23

PRESENTING CLINICAL SIGNS

right elbow DJD and arthritis possible mild cervical pain (IVDD vs other)

COMPUTED TOMOGRAPHIC STUDY OF THE CERVICAL SPINE, SHOULDERS, & ELBOWS

Plain studies available for review.

COMPUTED TOMOGRAPHIC FINDINGS

Cervical Spine

Number, alignment, and general anatomy of the cervical vertebrae present within normal limits. There is no evidence of craniocervical instability and no evidence of disc herniation.

Mild intervertebral disc space narrowing C6/7 is noted with no obvious disc herniation or disc protrusion.

Shoulders

Mild bicipital groove exostosis and mild periarticular osteophytes are noted within both shoulder joints. The subchondral bone of the humeral heads is intact.

Elbows

A 2.5mm sized sclerotic fragment is isolated from the tip of the right medial coronoid process. Sclerosis of the trochlear notch of the ulna is noted. There are irregular shaped subchondral bone defects surrounded by sclerosis within the medial humeral condyle. A large amount of periarticular osteophytes with unsharp surface are seen.

A 1.5mm sized, elongated, sclerotic fragment is isolated from the tip of the left medial coronoid process. Sclerosis of the trochlear notch of the ulna is noted. Subtle subchondral bone sclerosis is noted in the medial humeral condyle. A large amount of periarticular osteophytes with unsharp surface are seen.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Bilateral medial coronoid disease with fragmentation of the medial coronoid process.
- Kissing lesion of the medial humeral condyle in the right elbow.
- Suspect kissing lesion in the medial humeral condyle of the left elbow.
- Severe bilateral secondary elbow joint osteoarthritis.
- Mild bilateral shoulder osteoarthritis.
- Intervertebral disc disease C6/7 with no evidence of spinal cord compression.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT study reveals fragmentation of the medial coronoid process in both elbows. Severe kissing lesions are noted in the right medial humeral condyle which suggests concurrent presence of medial compartment cartilage breakdown. Severe osteoarthritic changes are present in both elbows, slightly more pronounced in the right compared with the left elbow.

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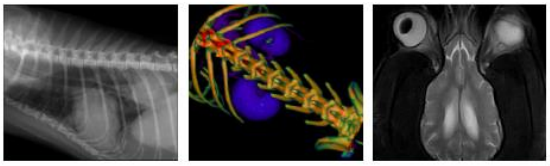

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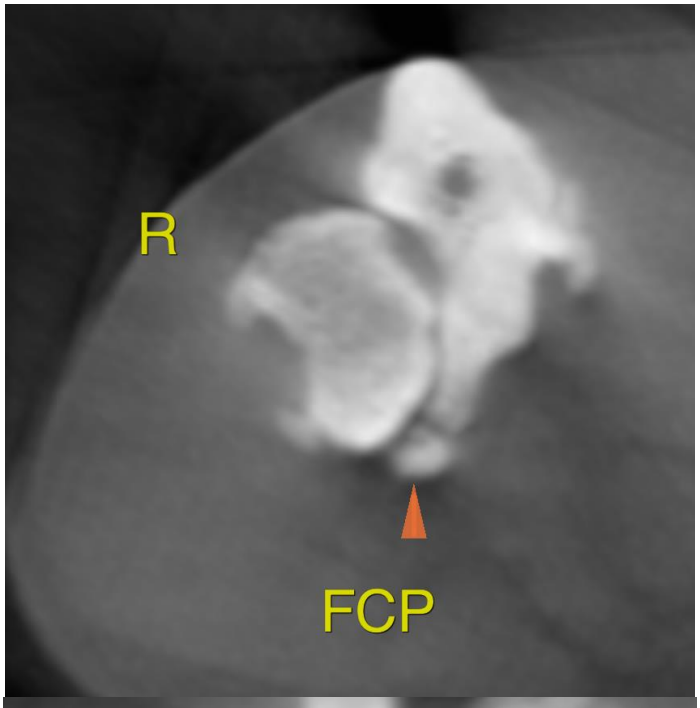

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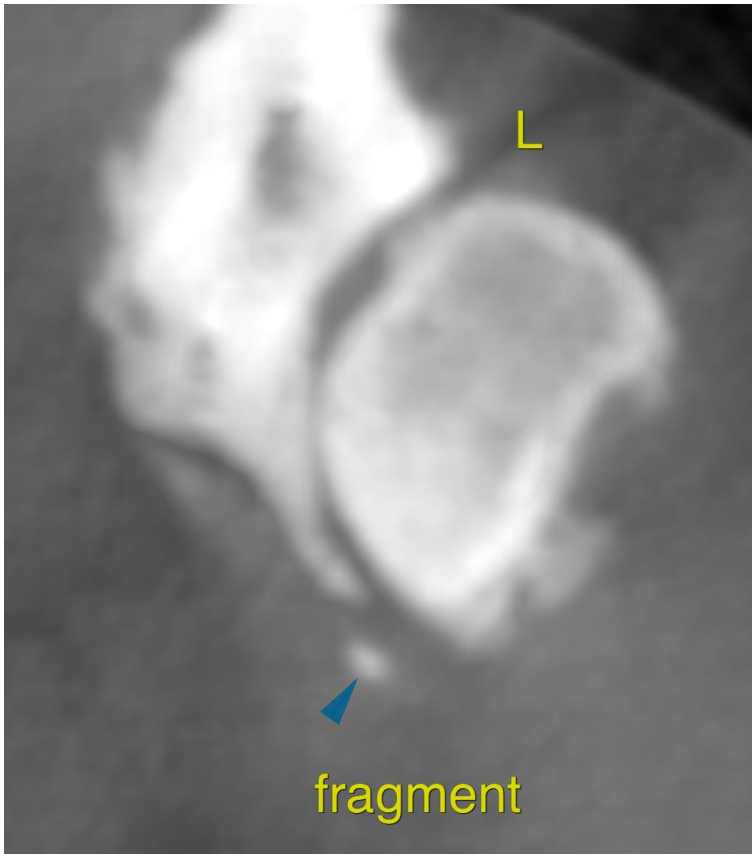

The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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
Nele.Eley@sonopath.com