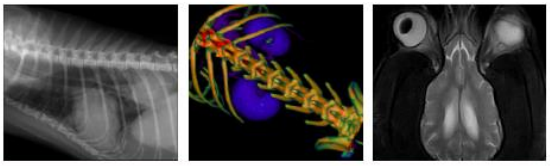
SonoPath Teleradiology
EDUCATIONAL TELECONSULTATION SERVICES™
SonoPath.com
1-800-838-4268 info@sonopath.com



PATIENT

Petey Samuel

SPECIES

Feline

BREED

DSH

SEX

MN

AGE

13

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

HOSPITAL NAME

Advanced Animal Imaging

REFERRING VET

Michelle Hoffman

INVOICE

57268

DATE

3-15-23

PRESENTING CLINICAL SIGNS

Front right leg, cat is nonweight bearing,lethargic, hiding under the bed

COMPUTED TOMOGRAPHIC STUDY OF THE FRONT LIMBS

Plain and post-contrast studies of the right front limb and post-contrast study of the left front limb available for review.

COMPUTED TOMOGRAPHIC FINDINGS

Right Front Limb

Severe articular enlargement of the right elbow with heterogeneous contrast enhancement and multiple cavitations is noted. There is amorphous periarticular new bone formation and multiple areas of aggressive subchondral and periarticular bone lysis seen. Moderate periarticular osteophytosis of the right elbow is noted.

There appears to be atrophy of the right front limb musculature and bone.

The right shoulder and right carpus present within age related normal limits.

Left Front Limb

Mild articular swelling with increased enhancement of the left elbow is seen. A moderate amount of periarticular new bone with unsharp surface is noted. There is no evidence of subchondral bone defects.

The left carpus and visible left shoulder present within age related normal limits.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Severe erosive arthropathy of the right elbow with mass effect and aggressive bone lysis.
- Mild osteoproliferative left elbow arthropathy.
- Disuse atrophy of the right front limb musculature and bone.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT study reveals severe erosive arthropathy of the right elbow with mass effect. Differential diagnosis includes erosive arthritis such as septic or immune mediated and less likely articular neoplasia such as synovial cell sarcoma or round cell neoplasia.

The milder changes of the left elbow may represent an earlier stage of the same disease and bilateral aspiration and analysis of synovia and tissue sampling of the synovial membrane is recommended for further definition.

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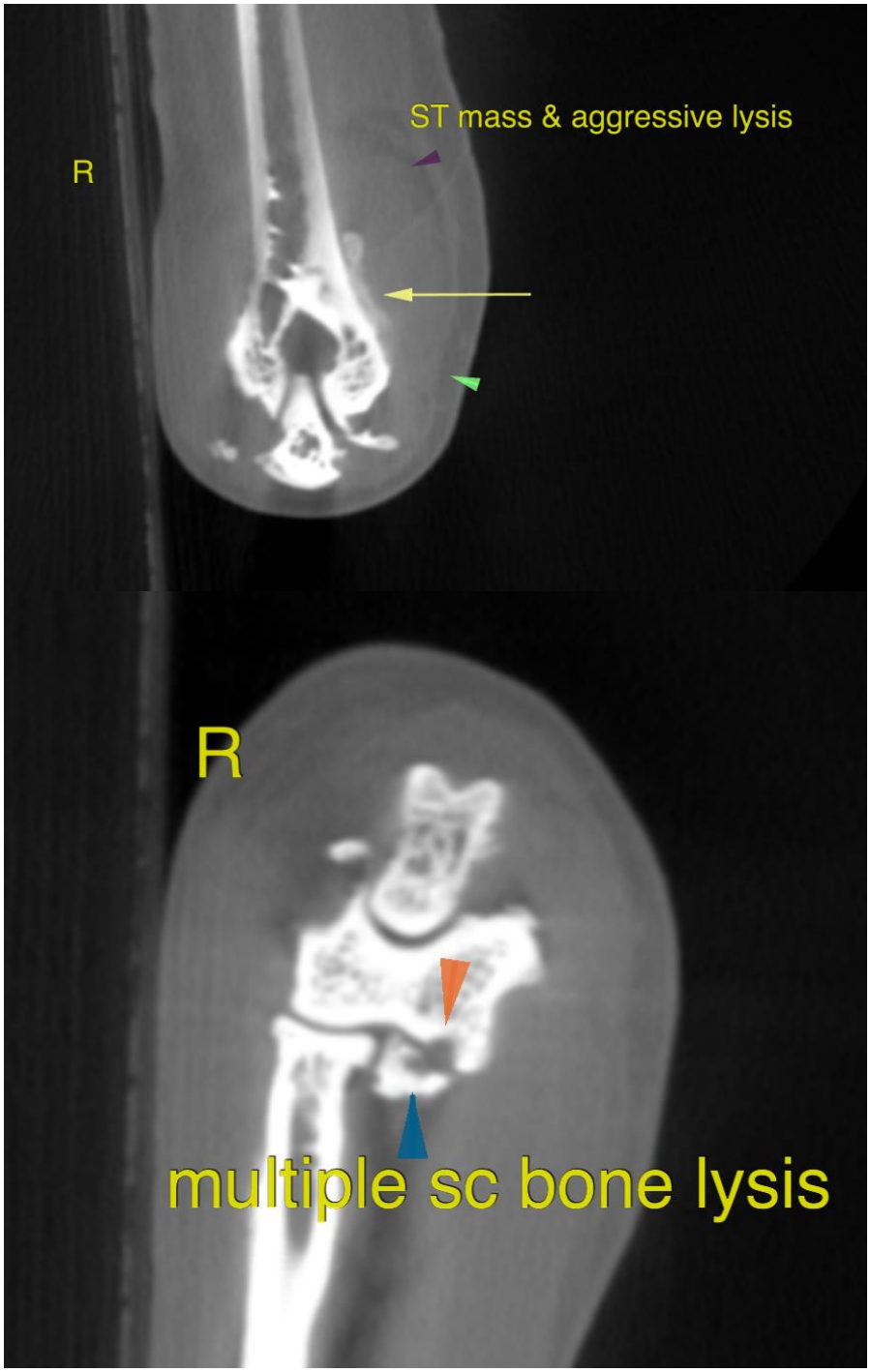

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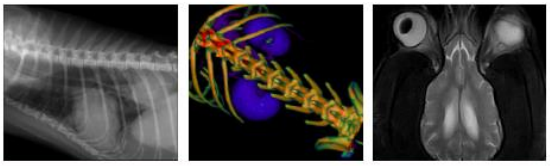

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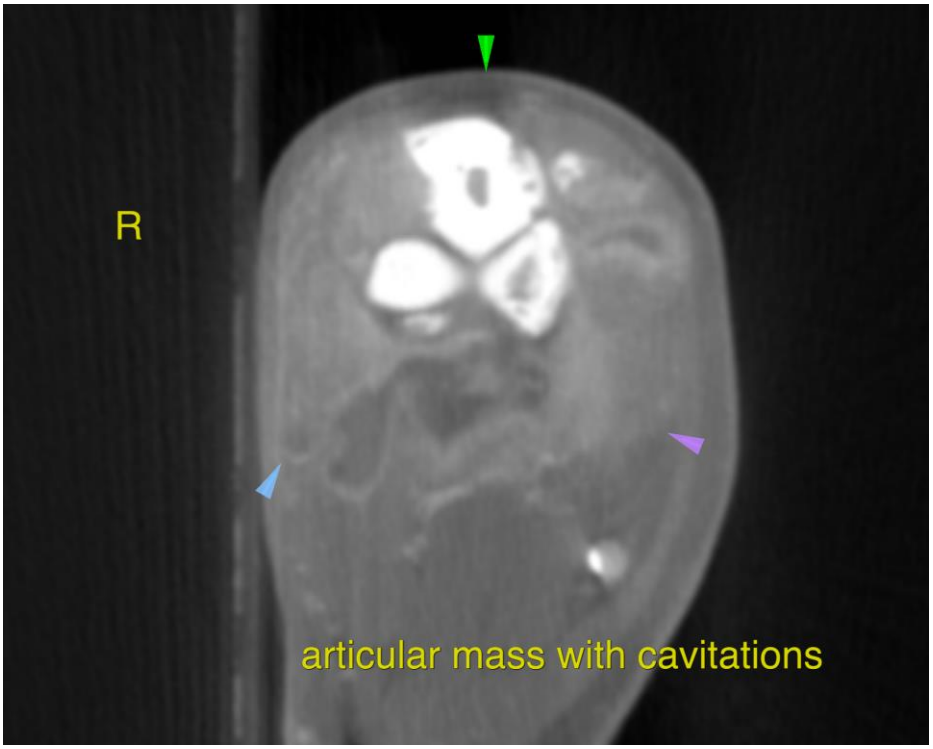

The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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
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