



PATIENT

Alfie Billingham

PRESENTING CLINICAL SIGNS

23.06.22 Limping on RF for a few days, outdoor cat, unaware of any accidents, toileting unknown as doesn't use tray, eating but less than normal, not on meds. Examination: bar panting pe ow unremarkable. Lameness 4/10 RF reacting to elbow manipulation but no other abnormality on ortho, no evident wounds/swellings, Pain relief and rest and monitor, xrays ini Admin meloxicam sc Recheck 01.07.22 - no improvements, x-rays advised. Radiography 11.07.22 significant swelling around RF elbow, does have sings of OA in both, some possible ST swelling around R elbow, treat as infectious INI to consider advanced imaging No improvement - o opted for referral for imaging

SPECIES

Feline

BREED

Maine Coon

COMPUTED TOMOGRAPHY OF THE RIGHT FRONT LIMB

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

COMPUTED TOMOGRAPHIC FINDINGS

SEX

Male

Starting level with the distal fourth of the right humerus, a circumferential soft tissue swelling with a heterogeneous contrast enhancement pattern with interspersed fluid attenuating regions is extending distally along the complete length of the right antebrachium. The right front paw presents generalized edematous swelling. The distal right humerus presents palisading periosteal new bone formation and multiple cortical lytic lesions are appreciated. The right humeral diaphysis presents a heterogeneous sclerosis of the medullary cavity and generalized endosteal scalloping is noted along the right humeral diaphysis with mild immature periosteal new bone formation.

AGE

5 Years

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

The synovial capsule of the right elbow joint presents multiple well-defined mineralized bodies

The osseous structures of the antebrachium, carpal joint and front paw present without abnormalities.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Monostotic aggressive mixed osteolytic and osteoproliferative lesion right humerus
- Advanced soft tissue swelling along left antebrachium with fluid pockets
- Edematous swelling right front paw
- Synovial osteochondromatosis right elbow joint

HOSPITAL NAME

Animal Trust -
Ellesmere Port

REFERRING VET

Laura Hughes

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The osseous lesion of the right humerus are suggestive for osteomyelitis - bacterial versus mycotic - with secondary inflammatory swelling with potential fluid pockets along the right antebrachium. A potential is neoplastic transformation of the right humerus, but the soft tissue component along the antebrachium is unusual as no soft tissue component fluid accumulations are seen along major parts of the humeral diaphysis. If not done so yet, recommend (ultrasound guided) tapping of the suspected fluid pockets along the right antebrachium as well as bone biopsy of the right humerus to rule out neoplastic transformation entirely.

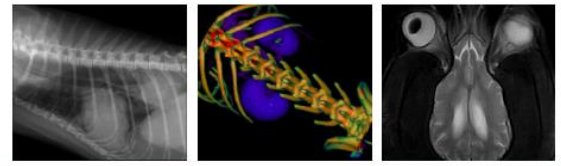
INVOICE

53883

DATE

8-31-22

Consider tapping the elbow joint to rule out septic arthritis.



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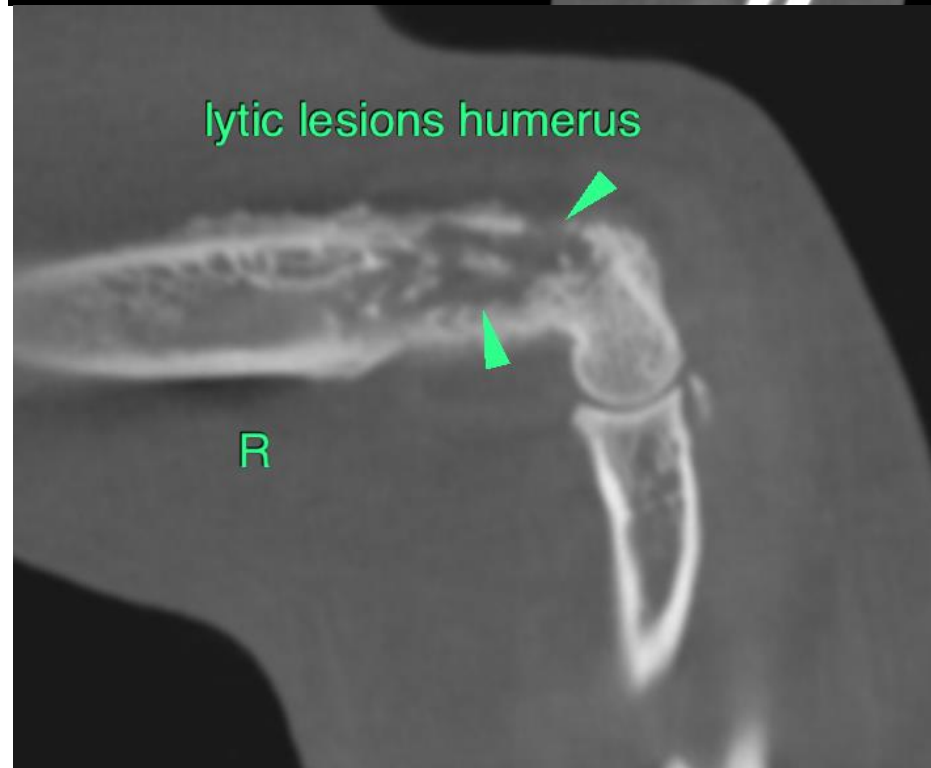
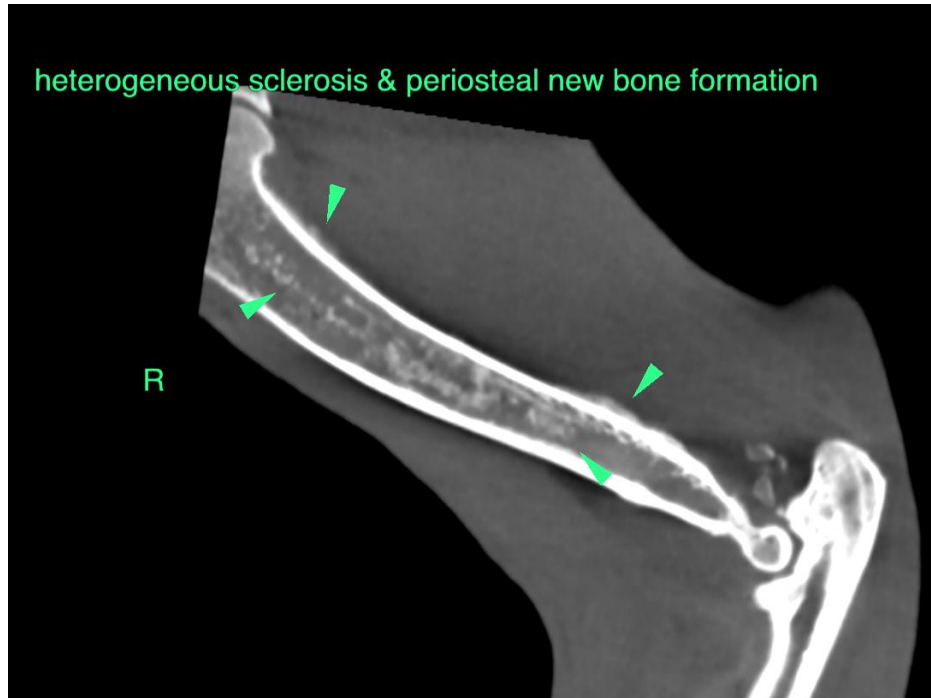
Laura Hughes

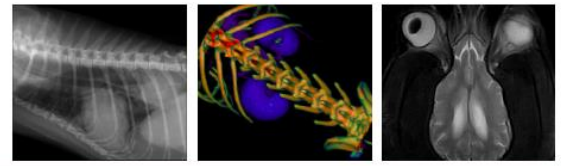
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

Sebastian Schaub, Sebastian Schaub, DVM, Dr. med. vet. DipECVDI
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