



PATIENT PRESENTING CLINICAL SIGNS

PATIENT
Bear Fleming
2 months ago diagnosed at oncology center with either histiocytic sarcoma or synovial cell sarcoma most likely. recommended amputation at that time. treated with pain meds and IV zoledronate

SPECIES
Abnormal PE/Chem/CBC/UA Results: none done yet, owner wants to wait on rad report before making a decision on amputation

Canine

RADIOGRAPHIC STUDY OF THE LEFT TARSUS

BREED
2 mediolateral views of the left tarsus available for review. Thoracic and pelvic radiographs are provided as well however, interpretation of the tarsi is requested.

Mix

RADIOGRAPHIC FINDINGS

SEX
Severe articular swelling of the left tarsocrural joint is seen. The articular swelling appears to extend and blend into swelling of the tendon sheath of the deep digital flexor tendon along the caudal contour of the distal left tibia. Irregular cortical outline with multiple palisading and spiculated periosteal new bone formation is seen. Multiple mineral opaque foci and spherical mineral opaque structures are superimposed onto the articular swelling and enlarged tendon sheath. One of the trochlea ridges of the talus appears to be flattened and sclerotic. The joint space is asymmetric in width. Heterogeneity and sclerosis of the trabecular bone of the talus, calcaneus, and distal tibia is seen. No overt lytic lesions are noted.

MN

AGE

7

RADIOGRAPHIC DIAGNOSIS

- Severe chronic active left tibiotarsal arthropathy with deep digital flexor tendon sheath involvement and subchondral bone defects.

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

HOSPITAL NAME

Boca Park Animal Hospital

The radiographic changes are not definitive for articular neoplasia. Articular neoplasia is one of the primary differential diagnoses, however, severe active osteoarthritis, villonodular synovitis, and erosive arthropathy are potential differential diagnoses. The possibility of concurrent or underlying disturbed endochondral ossification has to be considered, however, would not fully explain all the radiographic findings. CT and repetition of the sampling including biopsy of the joint capsule and periarticular bone biopsy could be considered for further definition.

REFERRING VET

Ensign

INVOICE

50801

DATE

3-8-22



PATIENT

Bear Fleming

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.

SPECIES

Canine

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