



PATIENT

Thor Allen

SPECIES

Canine

BREED

Golden Doodle

SEX

Male

AGE

4Y

WEIGHT

87lbs

INTERPRETED BY

Nele Eley (Ondreka),
DVM Dr. med. vet.,
DipECVDI

IMAGING PERFORMED BY

Dr. Mucera

HOSPITAL NAME

Animal Clinic of
Queens

REFERRING VET

Dr. Mucera

INVOICE

74943

DATE

5-10-26

PRESENTING CLINICAL SIGNS

Pt Left hind hock swollen for one week, non-weight bearing.

RADIOGRAPHIC STUDY OF THE DISTAL LEFT TIBIA

Single mediolateral view in jpg format available for review.

RADIOGRAPHIC FINDINGS

An aggressive osseous lesion is centered within the distal left tibia. Extensive permeative to moth eaten osteolysis is affecting the distal tibia, diaphysis, metaphysis, and epiphysis with associated severe brush bordered periosteal new bone formation. Marked regional soft tissue swelling is present. Multiple cortical defects and disruptions are identified within the mid portion of the lesion which may represent developing of incomplete pathologic fracture or prior fracture with secondary aggressive osseous change. The lesion does not appear to cross the tibiotarsal joint.

Assessment of fibular involvement is limited due to available projection and definitive evaluation of the fibula cannot be made.

RADIOGRAPHIC DIAGNOSIS

- Monostotic aggressive bone lesion centered in the distal left tibia.

INTERPRETATION OF FINDINGS & FURTHER RECOMMENDATIONS

The findings are most concerning for primary bone neoplasia such as osteosarcoma. Osteomyelitis is an important differential diagnosis as well as severe post-traumatic osteomyelitis. The possibility of developing pathologic fracture has to be considered. Thoracic imaging is recommended for staging. Bone biopsy is required for definitive diagnosis. Culture and sensitivity can be considered as well. Activity restriction should be applied due to risk of pathologic fracture. Consider fungal testing depending on geographic exposure risk.



PATIENT

Thor Allen

SPECIES

Canine

BREED

Golden Doodle

SEX

Male

AGE

4Y

WEIGHT

87lbs



INTERPRETED BY

Nele Eley (Ondreka),
DVM Dr. med. vet.,
DipECVDI

The information and recommendations provided are based on the images presented by the referring veterinarian. 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.

IMAGING PERFORMED BY

Dr. Mucera

Nele Eley (Ondreka), DVM, Dr. med. vet., DipECVDI

European Specialist in Veterinary Diagnostic Imaging, Cert. Radiology,
Senior lecturer University of Giessen/Germany, Veterinary Faculty, Department of Radiology.

info@sonopath.com

HOSPITAL NAME

Animal Clinic of
Queens

REFERRING VET

Dr. Mucera

INVOICE

74943

DATE

5-10-26