



PATIENT

Zarra Kaplan

PRESENTING CLINICAL SIGNS

Limping right hind noticed by owner on 9/2/21. rDVM diagnosed soft-tissue injury- no BW or radiographs at that time. Pt on Carprofen.

Abnormal PE/Chem/CBC/UA Results: On/off toe-touching, swelling around distal tibia, otherwise e/d/u/d wnl, no c/s/v/d. Bloodwork today NR other than elevated chloride.

SPECIES

Canine

RADIOGRAPHIC STUDY OF THE RIGHT TARSUS & THORAX

Right/left lateral and ventrodorsal views of the thorax and mediolateral and dorsoplantar views of the right tarsus totaling 5 images available for review.

BREED

Leonberger

RADIOGRAPHIC FINDINGS

Right Tarsus

Moderate soft tissue swelling is seen circumferential to the distal right tibia.

There is a permeative osteolytic lesion within the distal right tibial epiphysis and metaphysis with long transition zone to the unaffected bone. The lytic changes do not cross the joint and do not involve the fibula. Multifocal cortical bone thinning, and defects are seen. There is spiculated laminar and amorphous periosteal new bone.

SEX

Female Spayed

AGE

6 Years

The tarsal joints present within normal limits.

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

Thorax

The surrounding bony structures are within normal limits.

The extrathoracic soft tissues present homogeneous without abnormalities.

HOSPITAL NAME

POCONO PEAK
VETERINARY
CENTER

The heart is of normal size and shape and there is no evidence of cardiac chamber or vascular enlargement. The pulmonary vasculature is within normal limits.

The cranial mediastinum presents the expected soft tissue opacity. The mediastinal width is less than twice the width of the vertebral column at the same level.

REFERRING VET

Nicole Norris-Carney

The trachea is normal in diameter and presents the anticipated course. The luminal outline of the trachea is smooth.

The bronchial tree presents with thin walls and tapers uniformly towards the periphery as expected.

INVOICE

47514

The lung parenchyma presents the expected architecture and opacity. The intrapulmonary vascular branching is seen up to the third order lung vessels.

The diaphragm is well delineated with even surface and the expected mild cranial bulging of the diaphragmatic cupola.

DATE

9-24-21



PATIENT

Zarra Kaplan

RADIOGRAPHIC DIAGNOSIS

- Monostotic aggressive osteolytic lesion of the distal right tibia with peripheral soft tissue swelling.
- No evidence of pulmonary metastatic disease.

SPECIES

Canine

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The radiographic findings are highly suggestive for primary neoplasia of bone with osteosarcoma being by far most likely. Chondrosarcoma, other primary neoplasia of bone, or lymphosarcoma, are a potential as well. The differential diagnosis of hematogenous fungal osteomyelitis can never be ruled out entirely but is considered by far less likely. Final diagnosis will require sampling for histology which could be considered along with full staging if the owners are interested in pursuing palliative tumor treatment including limb amputation.

BREED

Leonberger

SEX

Female Spayed

AGE

6 Years

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVCI

HOSPITAL NAME

POCONO PEAK
VETERINARY
CENTER

REFERRING VET

Nicole Norris-Carney

INVOICE

47514

DATE

9-24-21





PATIENT

Zarra Kaplan

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.

SPECIES

Canine

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

BREED

Leonberger

SEX

Female Spayed

AGE

6 Years

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

HOSPITAL NAME

POCONO PEAK
VETERINARY
CENTER

REFERRING VET

Nicole Norris-Carney

INVOICE

47514

DATE

9-24-21