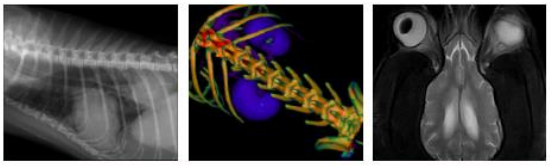
SonoPath Teleradiology

EDUCATIONAL TELECONSULTATION SERVICES™



SonoPath.com
1-800-838-4268 info@sonopath.com

PATIENT

Shelby Bell

SPECIES

Canine

BREED

Golden Retriever

SEX

Spayed Female

AGE

12 Years

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

HOSPITAL NAME

Neel Veterinary Hospital

REFERRING VET

Tina Neel DVM

INVOICE

53180

DATE

7-30-22

PRESENTING CLINICAL SIGNS

Patient referred for Thorax and Abdominal CT scan. Owner took pet to RDVM to update her vaccines (Rabies). DVM noted pale gums. Ran CBC, coombs test--neg, PT and PTT--normal. HCT 17 % on CBC. Noted entire RF limb swollen and bruised . Bruising present on abdomen and chest. Rads NSF.
Abnormal PE/Chem/CBC/UA Results: CBC -RBC 1.96m/uL Hematocrit 16.6 % Hemoglobin 5.1g/dL MCV35fL MCHC 30.7g/dL Reticulocytes 396K/uL Retic Hemoglobin 20.6pg WBC 29.7K/uL Neutrophils 26.73 K/uL Bands 1782uL Lymphocytes 0.594K/uL Nucleated RBC 3 Platelets 62K/uL

COMPUTED TOMOGRAPHIC STUDY OF THE THORAX & ABDOMEN

Plain and post contrast studies available for review.

COMPUTED TOMOGRAPHIC FINDINGS

A large irregular shaped lobulated and ill-defined soft tissue attenuating mass of approximately 10 x 8 cm is seen in the right axillary region and surrounded by extensive peripheral fat stranding.

Multiple masses and nodules are seen throughout the entire axial musculature of the caudal cervical, thoracic, and lumbar spine.

A 4 cm sized soft tissue attenuating mass with aggressive osteolytic changes is seen within the dorsal third of the 7th left rib.

Multiple interstitial pulmonary nodules of varying size are distributed throughout the parenchyma of all lung lobes.

The cranial mediastinal lymph nodes are moderately enlarged and rounded and present heterogeneous contrast enhancement.

Heterogeneous enhancement of the spleen is noted.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Large ill-defined soft tissue mass with peripheral fat stranding in the right axillary region meeting neoplastic criteria.
- Multiple variably enhancing nodules and masses throughout the axial musculature.
- Aggressive osteolytic lesion of the 7th left rib.
- Multiple pulmonary interstitial nodules.
- Cranial mediastinal lymphadenomegaly - meeting neoplastic criteria.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT findings are compatible with a multicentric metastasizing neoplasia. Soft tissue sarcoma such as hemangiosarcoma mentioned in the patient history is a high potential. Round cell neoplasia and metastasizing epithelial neoplasia cannot be ruled out entirely but are thought less likely. The mass in the right axillary region may represent the primary tumor; however, this cannot be definitively ascertained.

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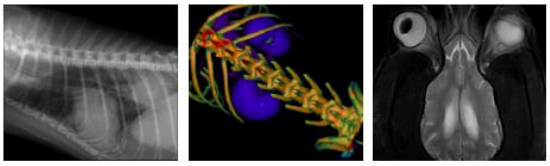

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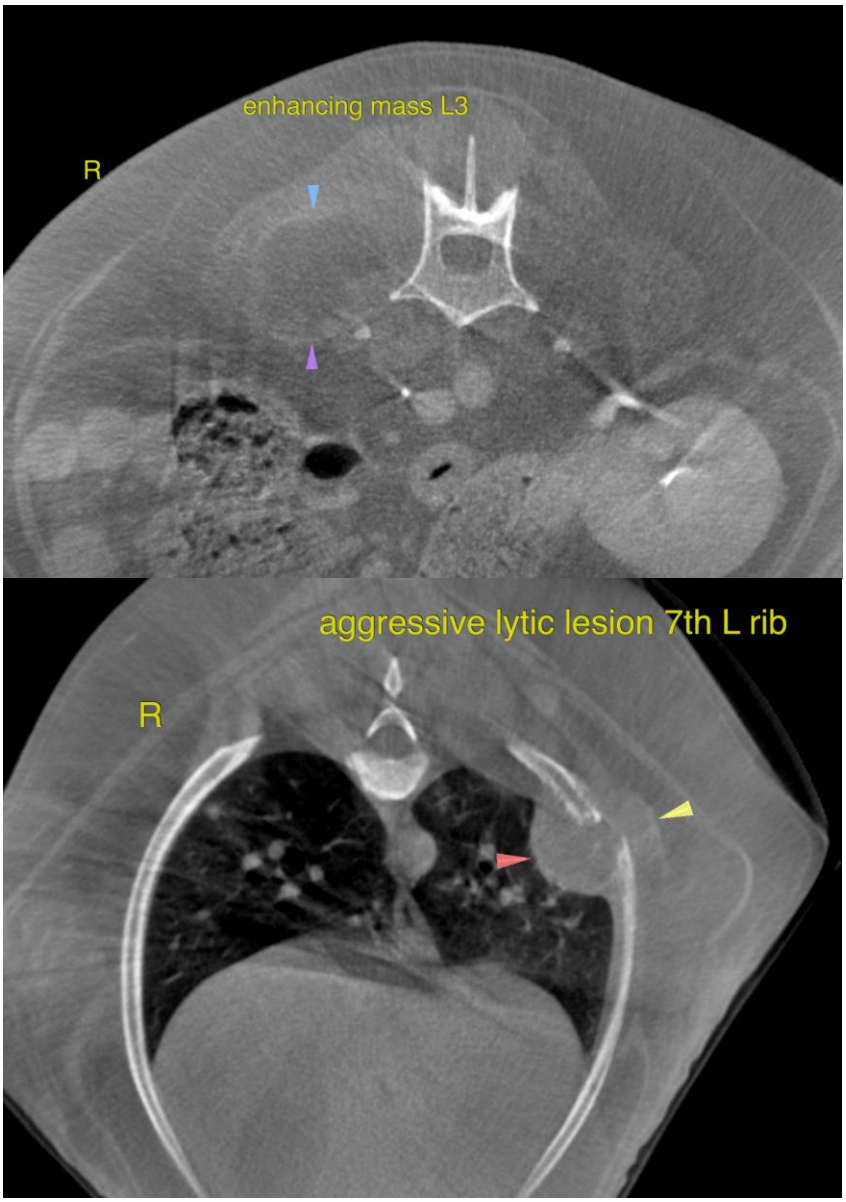
The potential for the CT changes representing infectious granulomatous disease is unfortunately thought very very low and this should be regarded compatible with multicentric metastasizing neoplasia until proven otherwise.



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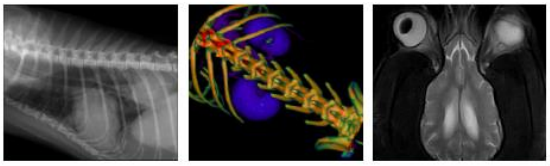

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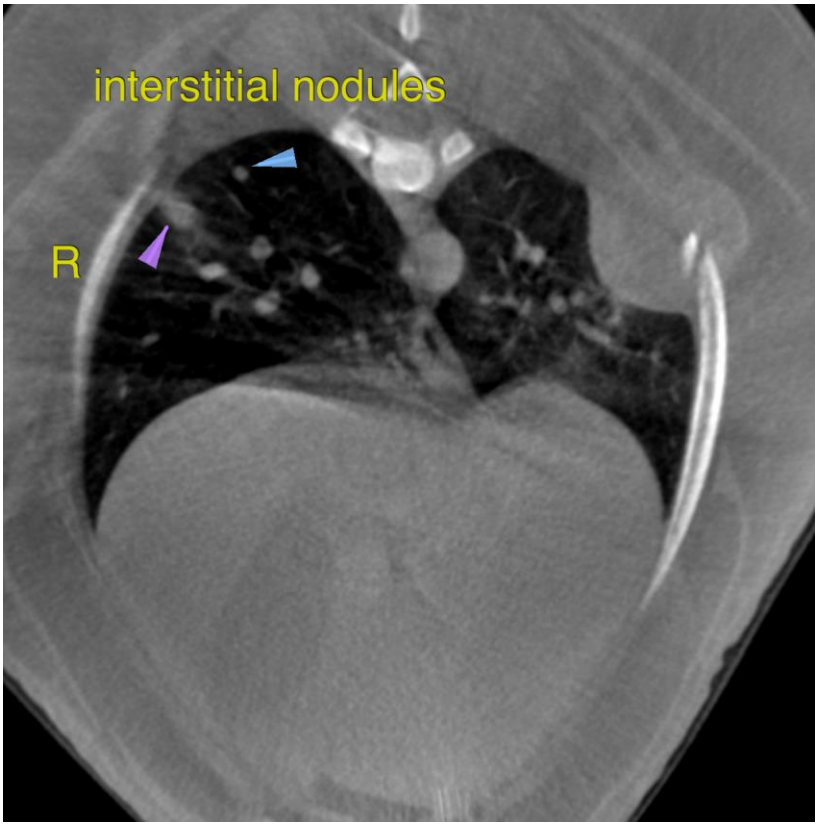

The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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