



PATIENT

Kayha McCombs

PRESENTING CLINICAL SIGNS

Mast cell tumor present on left side of neck, hematoma with mast cells present in left axillary region.

Abnormal PE/Chem/CBC/UA Results: Evaluating the possibility for surgical debridement/removal

SPECIES

Canine

COMPUTED TOMOGRAPHIC STUDY OF THE NECK & THORAX

Plain and post contrast studies available for review.

BREED

Mixed Breed

COMPUTED TOMOGRAPHIC FINDINGS

Neck

A large irregular shaped ill-defined cavitating mass is seen in the right ventral neck. The mass measures approximately 12 cm in height and 12 cm in width and blends into a large thick walled septated cavitory lesion with fluid attenuating content within the right axillary region and right thoracic wall. Total length of the neck mass and thoracic wall cavitory lesion altogether is more than 30 cm. Strong nonuniform contrast enhancement is seen in the neck portion of the mass. There is a significant mass effect onto the surrounding anatomy including the larynx, trachea, esophagus, hypaxial musculature, and thyroid gland which all are deviated to the left. The mass presents no evidence of surrounding bone involvement or thoracic extension.

SEX

Female Spayed

AGE

12 Years

The right axillary lymph node is enlarged, rounded with heterogeneous contrast enhancement, and measures approximately 5 cm in diameter.

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

The right medial retropharyngeal lymph node presents moderate enlargement at a diameter of 3 cm with peripheral fat stranding and heterogeneous contrast enhancement.

HOSPITAL NAME

Catskill Veterinary
Services, PLLC

Extensive fat stranding is seen throughout the entire right thoracic wall and right ventral neck.

Thorax

There is no evidence of pulmonary metastatic disease.

The mediastinal lymph nodes present within normal limits.

REFERRING VET

Dr. Janis McGill

Multiple mild spondyloses are seen throughout the thoracic spine and there is a left sided 7 cm sized thoracic wall lipoma.

COMPUTED TOMOGRAPHIC DIAGNOSIS

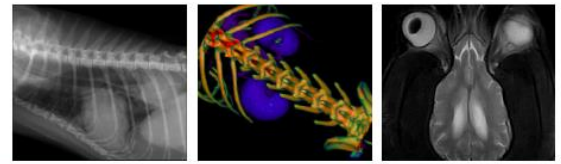
INVOICE

55738

DATE

12-20-22

- Severely cavitated large mass within the right ventral neck with aggressive biological behavior.
- Large cavitory lesion within the right thoracic wall blending into the mass in the neck region.
- Moderate right axillary lymphadenomegaly.
- Moderate right medial retropharyngeal lymphadenomegaly.
- Left sided thoracic wall lipoma.
- Spondyloses.



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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

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The mass in the right upper neck is ill-defined to the surrounding tissues and directly adjacent to the cervical spine and right shoulder joint as well as directly adjacent to the right carotid artery, trachea, and larynx which limits the surgical access and excision of the mass. The large cavitory lesion of the right thoracic wall is either considered to represent a part of the mass with central tumoral necrosis, intralesional hemorrhage, or a “paraneoplastic hematoma.”

BREED

Mixed Breed

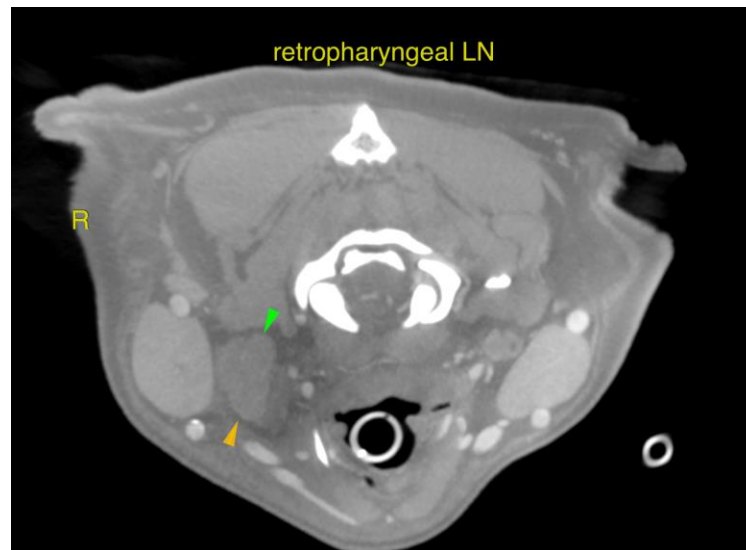
The changes of the right medial retropharyngeal and right axillary lymph node are highly suggestive for a neoplastic infiltrate.

SEX

Female Spayed

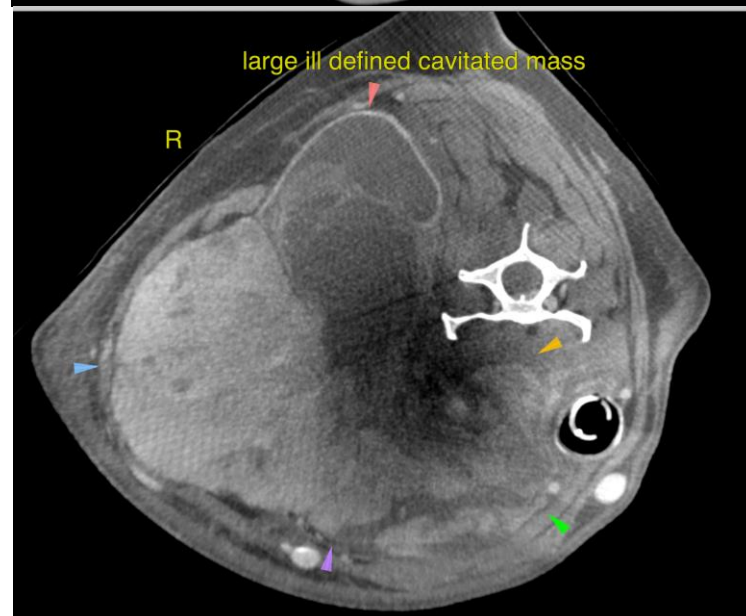
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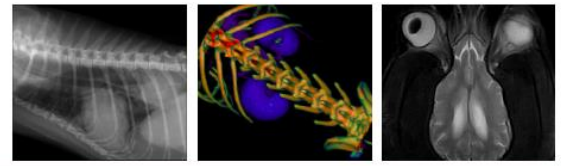
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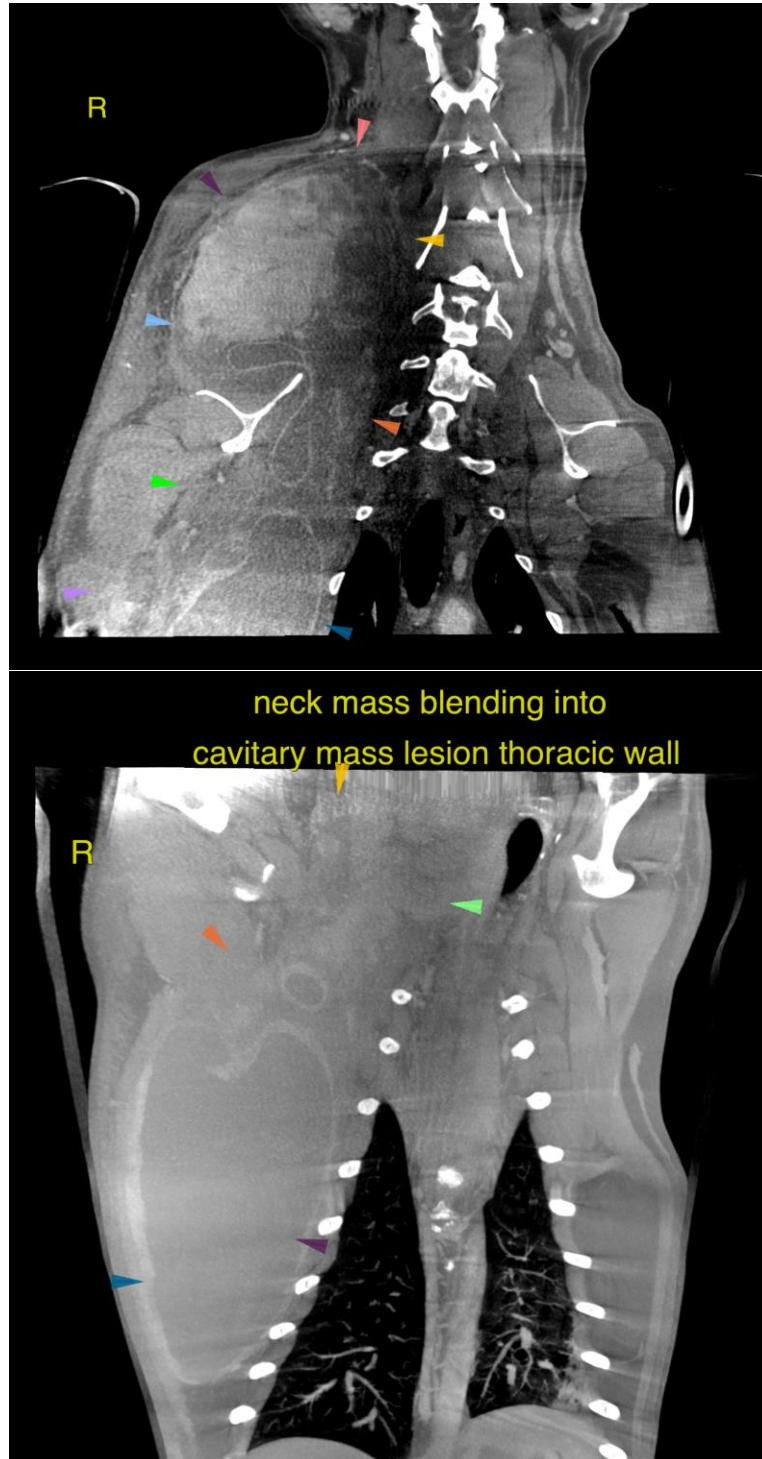
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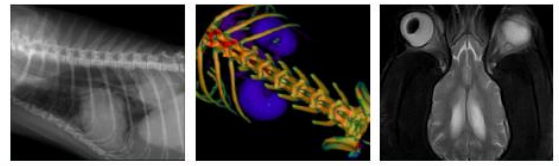
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

SPECIES

Canine

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.

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Mixed Breed

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Senior lecturer University of Giessen, Germany, Veterinary Faculty, Department of Radiology
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