



PATIENT

Lily Nelson

PRESENTING CLINICAL SIGNS

Presented on 11/29/2021 as a referral Mitral Valve Dz Concerns of pulmonary metastasis golf ball to plum sized, firm, sc, non mobile, non painful, mass on her right cranial cervical region. O noticed 2-3 weeks ago

SPECIES

Canine

Abnormal PE/Chem/CBC/UA Results: CBC: lymphocytosis T4 WNL

COMPUTED TOMOGRAPHIC STUDY OF THE NECK & THORAX

Plain and post contrast studies of the neck and plain study of the thorax available for review.

BREED

COMPUTED TOMOGRAPHIC FINDINGS

Cavalier King Charles Spaniel

Neck

Severe and asymmetric enlargement of the right thyroid lobe is seen. The right thyroid lobe measures 3.9 cm in length and 2.5 cm in diameter. There is multifocal cavitation with heterogeneous contrast enhancement and multiple contrast sparing areas. Multiple superficial vascular anastomoses are seen accentuating the cranial aspect of the enlarged right thyroid lobe. There is a mild mass effect onto the trachea and surrounding musculature. The right common carotid artery is deviated dorsally. Ventral displacement of the right jugular vein is seen.

SEX

Female Spayed

AGE

10 Years, 4 Months

The right medial retropharyngeal lymph node presents mild but symmetric enlargement.

The left lobe of the thyroid gland presents within normal limits.

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

Thorax

There is a 1.0 cm sized ovoid subcutaneous soft tissue attenuating nodule in the right thoracic wall.

HOSPITAL NAME

State Avenue Vet Clinic

Plate-like and peribronchial atelectasis of the right cranial and right middle lung lobes is seen. There is no evidence of interstitial pulmonary nodules or masses.

The left atrium to aorta ratio is increased and approximates 2:1. No evidence of pulmonary venous dilation and no evidence of cardiogenic pulmonary edema is seen.

REFERRING VET

Dr. Raul Casas-Dolz

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Right thyroid neoplasia.
- Mild regional lymphadenomegaly.
- No evidence of pulmonary metastatic disease.
- Left atrial enlargement.
- Subcutaneous soft tissue nodule.

INVOICE

48674

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

DATE

11-29-21

The CT study reveals cavitating enlargement of the right thyroid lobe meeting neoplastic criteria. Adenoma and adenocarcinoma are the most likely differential diagnoses. Final diagnosis would require histology. The left thyroid lobe does not appear to be involved.



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The enlargement of right medial retropharyngeal lymph node is suggestive for reactive hyperplasia. Early metastatic disease cannot be ruled out entirely. Fine needle aspiration is recommended for further definition.

SPECIES

Canine

Based on the CT study, no evidence of pulmonary nodules or masses is seen. Areas of plate-like and peribronchial atelectasis are present and may be associated with the general anesthesia or prior/chronic bronchopneumopathy. Further definition could be considered in case of pertinent clinical signs.

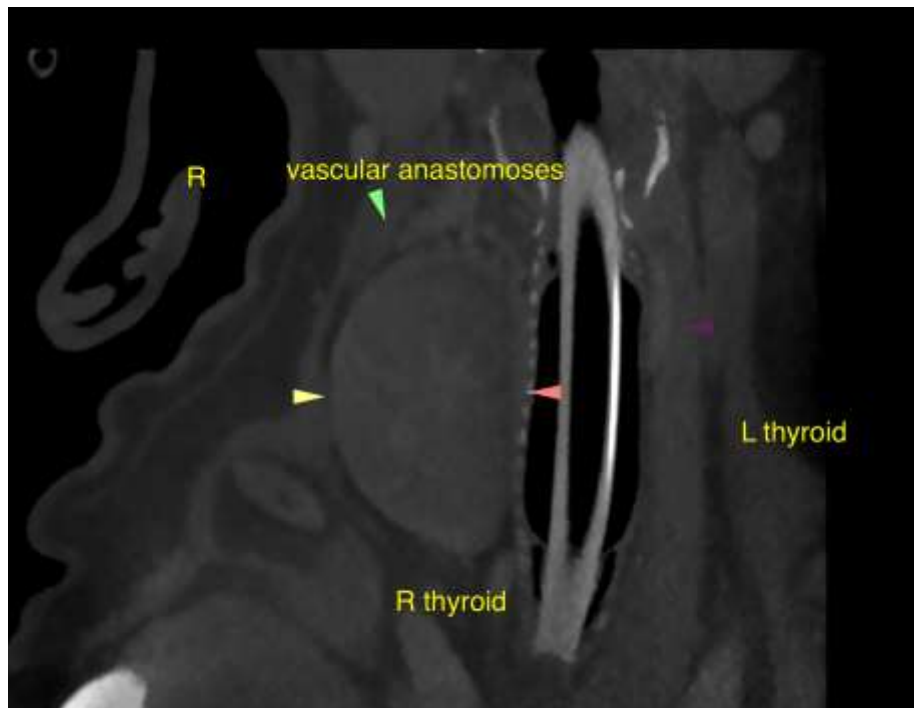
BREED

Cavalier King Charles Spaniel

The left atrial enlargement is most likely due to myxomatous degeneration of the mitral valve. At this point, there is no evidence of congestive heart failure.

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HOSPITAL NAME

State Avenue Vet
Clinic

REFERRING VET

Dr. Raul Casas-Dolz

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.

INVOICE

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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.

DATE

11-29-21

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