



PATIENT PRESENTING CLINICAL SIGNS

Ruffie Gammon abnormal mass on her ventral neck in the area of her thyroid and parathyroid- pet has had a chronic cough, we have rec work up in the past but always declined. since the cough is getting worse and the mass palpates larger owner opted to pursue CT. Per o the pet sounds congested and is snorting more. Records indicate neck mass was present January 2022

SPECIES

Canine

COMPUTED TOMOGRAPHY OF THE NECK & THORAX

A high resolution pre- and post-contrast CT study of the neck & thorax are provided for review.

BREED

Maltese

COMPUTED TOMOGRAPHIC FINDINGS

At the right lateral aspect of the trachea, level with C3 & C4, an ill-defined, soft tissue attenuating mass, measuring 3.0 x 2.0 x 4.3 cm in size is seen; the right common carotid artery is deviated laterally by the mass effect and encompassed by the soft tissue mass at the right aspect of the trachea.

SEX

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The right medial retropharyngeal lymph node is significantly enlarged and rounded and presents a strong contrast enhancement pattern with multiple tortuous vessels at the cranial and caudal pole.

AGE

11

The left thyroid gland is within normal limits for size, shape and attenuation behavior.

The sternal, cranial mediastinal and tracheobronchial lymph nodes are small elongated with a normal short-to-long-axis-ratio is < 0.5, the attenuation and contrast enhancement pattern is uniform and considered within normal limits.

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

The cardiovascular structures including the pulmonary vasculature are within normal limits.

Multifocal throughout the lung parenchyma, variable sized, randomly distributed, soft tissue attenuating nodules, measuring up to 5 mm in diameter are visible.

HOSPITAL NAME

Advanced Animal
Imaging

Small incidental gas pockets are seen within the esophageal lumen, there is no evidence of abnormal dilation.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Ill-defined right thyroid soft tissue mass
- Lymphadenopathy right medial retropharyngeal lymph node
- Structured nodular interstitial lung pattern

REFERRING VET

Blair Hollowell, DVM

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

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The CT findings are consistent with thyroid carcinoma with metastatic spread to the right medial retropharyngeal lymph node and the lung. If palliative surgical management is considered be aware potential local invasive growth and the right common carotid artery being partially embedded within the right thyroid mass – likely including the right vagosympathetic trunk.

DATE

7-26-22



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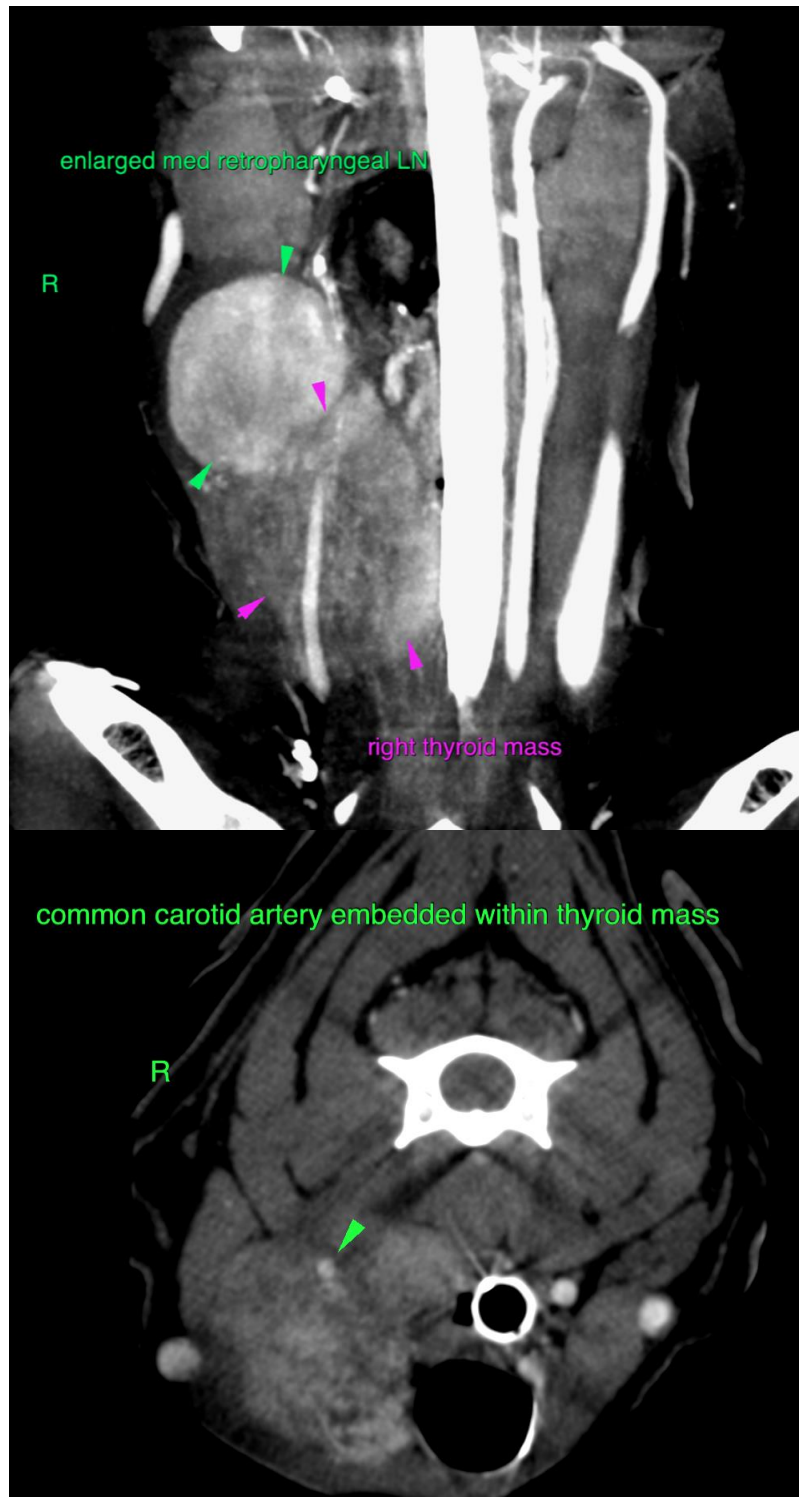
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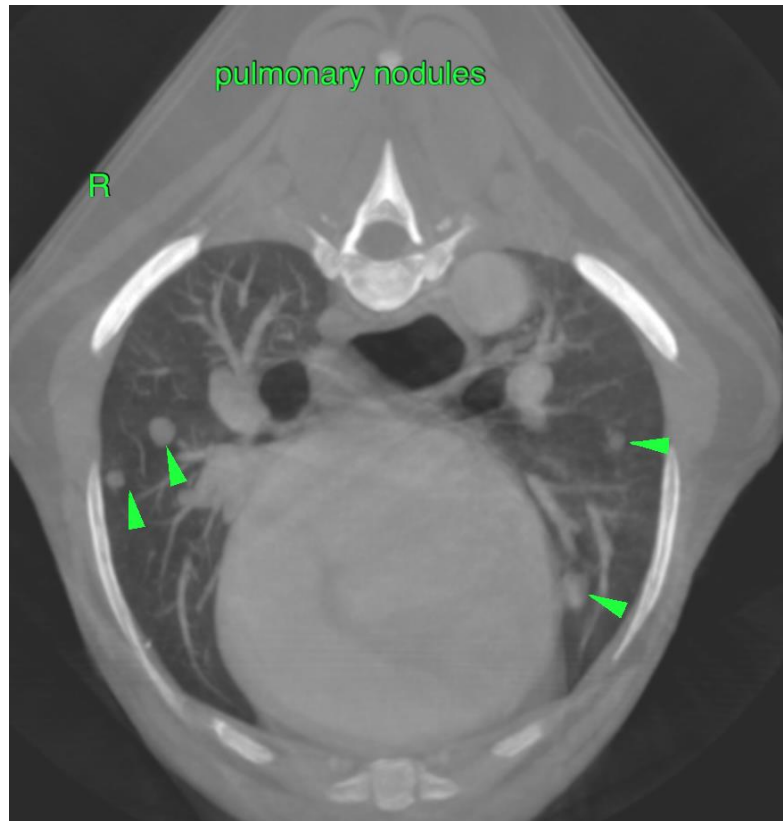
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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