



PATIENT PRESENTING CLINICAL SIGNS

Bubba Bearden Surgical planning for neck mass.

COMPUTED TOMOGRAPHY OF THE NECK & THORAX

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

Canine

COMPUTED TOMOGRAPHIC FINDINGS

BREED Neck

Lab Mix At the left lateral aspect of the trachea, level with C2&C3, ventral to the left common carotid artery a well-defined, ovoid shaped, uniform soft tissue attenuating and heterogeneous contrast enhancing mass is seen, measuring 3.5 x 3.4 x 5.7 cm in size. Post contrast administration, multiple small tortuous vessels are seen at the cranial & caudal aspect of the ovoid mass. At the caudal aspect of the mass, a dilated venous vessel with an intraluminal post contrast filling defect is seen.

SEX

Neutered Male The left medial retropharyngeal lymph node is prominent.

The right thyroid gland is within normal limits for size, shape and organ architecture.

AGE

12 Years

The vertebral endplates C3/C4 present mild ventral spondylosis formation.

Thorax

Multifocal spondylosis formation is seen along the thoracic spine.

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

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.

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

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The bronchial tree presents with regular branching and tapers uniformly towards the periphery as expected, the bronchial walls are thin and smooth. The bronchus-to-artery ratio is within normal limits.

The lung parenchyma presents the expected architecture and attenuation behavior with randomly distributed interspersed punctuate mineralization.

REFERRING VET

Meaux

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

COMPUTED TOMOGRAPHIC DIAGNOSIS

INVOICE

54969

- Left thyroid mass with vascular invasion
- Lymphadenopathy left medial retropharyngeal lymph node
- Spondylosis deformans
- No evidence of pulmonary metastatic disease

DATE

11-3-22

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The soft tissue mass at the left aspect of the trachea is most consistent with neoplastic transformation of the left thyroid gland and (non)functional thyroid carcinoma is the top differential here. The mass presents evidence of vascular invasion of the small vessels in the caudal aspect. Complete surgical



PATIENT excision of the left thyroid mass is considered feasible – recommend excision of the left medial retropharyngeal lymph node as well as the odds for metastatic spread are increased.

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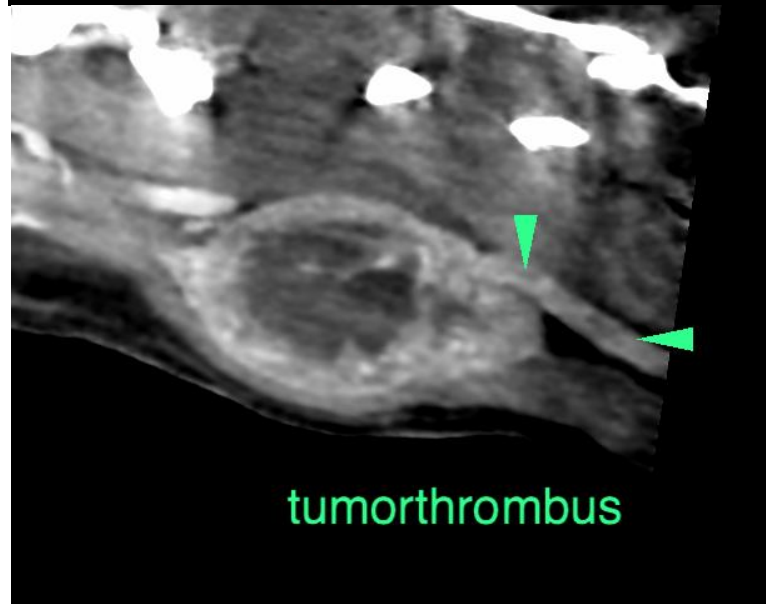
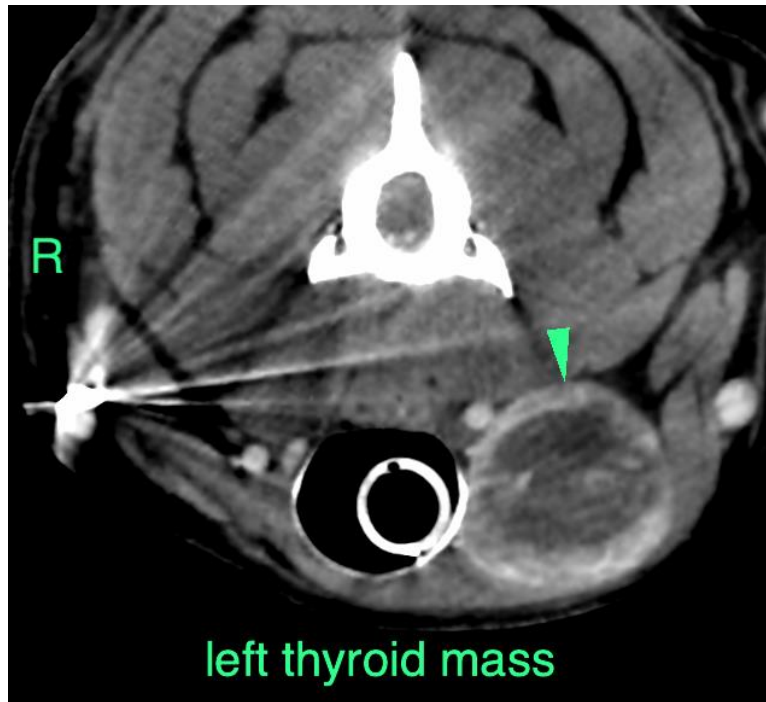
Meaux

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PATIENT

Bubba Bearden

SPECIES

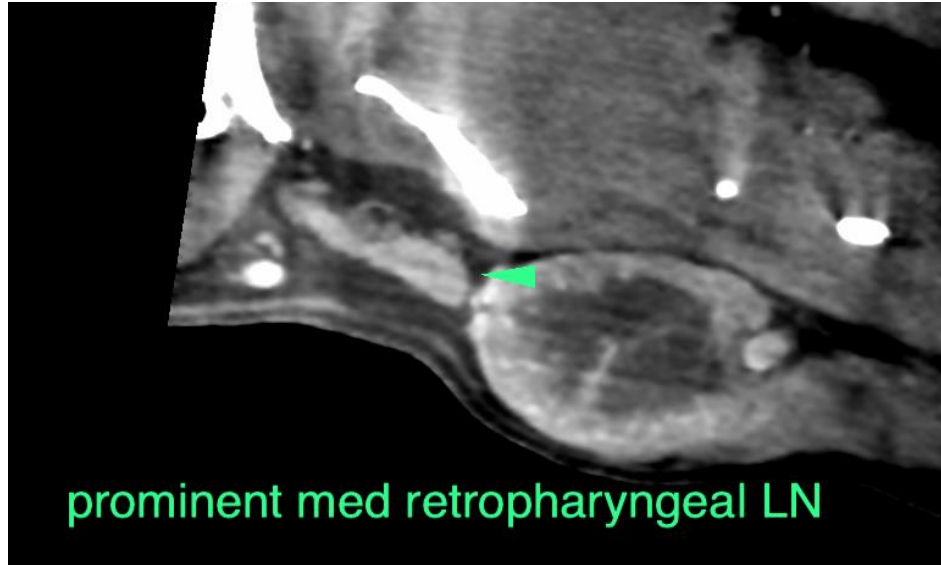
Canine

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AGE

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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.

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Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

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.

HOSPITAL NAME

Mobile Pet Imaging

Sebastian Schaub, Sebastian Schaub, DVM, Dr. med. vet. DipECVDI
sebast.schaub@gmail.com

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