



PATIENT

Blaze Valenzuela

PRESENTING CLINICAL SIGNS

Cervical mass on right side- suspect thyroid origin based on previous FNA

SPECIES

Canine

COMPUTED TOMOGRAPHY OF THE NECK & THORAX

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

BREED

American
Staffordshire Terrier

COMPUTED TOMOGRAPHIC FINDINGS

Neck

Originating from the right thyroid gland, a well-defined, soft tissue attenuating and heterogeneous strong contrast enhancing mass is visible. The right thyroid mass is measuring 2.7 x 2.5 x 3.5 cm in size. Multiple tortuous feeding vessels are seen at the cranial and caudal aspect of the right thyroid mass.

SEX

Male Neutered

Nodular enlargement of the caudal aspect of the right medial retropharyngeal lymph node is seen, presenting moderate contrast enhancing and measuring 9 mm in diameter.

AGE

12 Years

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

Thorax

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

The bony and surrounding soft tissue structures are within normal limits.

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.

HOSPITAL NAME

Mobile Pet Imaging

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

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.

REFERRING VET

Meaux

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

INVOICE

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

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Right thyroid mass without evidence of vascular invasion
- Nodular enlargement caudal pole right medial retropharyngeal lymph node
- Pulmonary osteomas
- Structural normal thorax, no evidence of pulmonary metastatic disease

DATE

12-15-21



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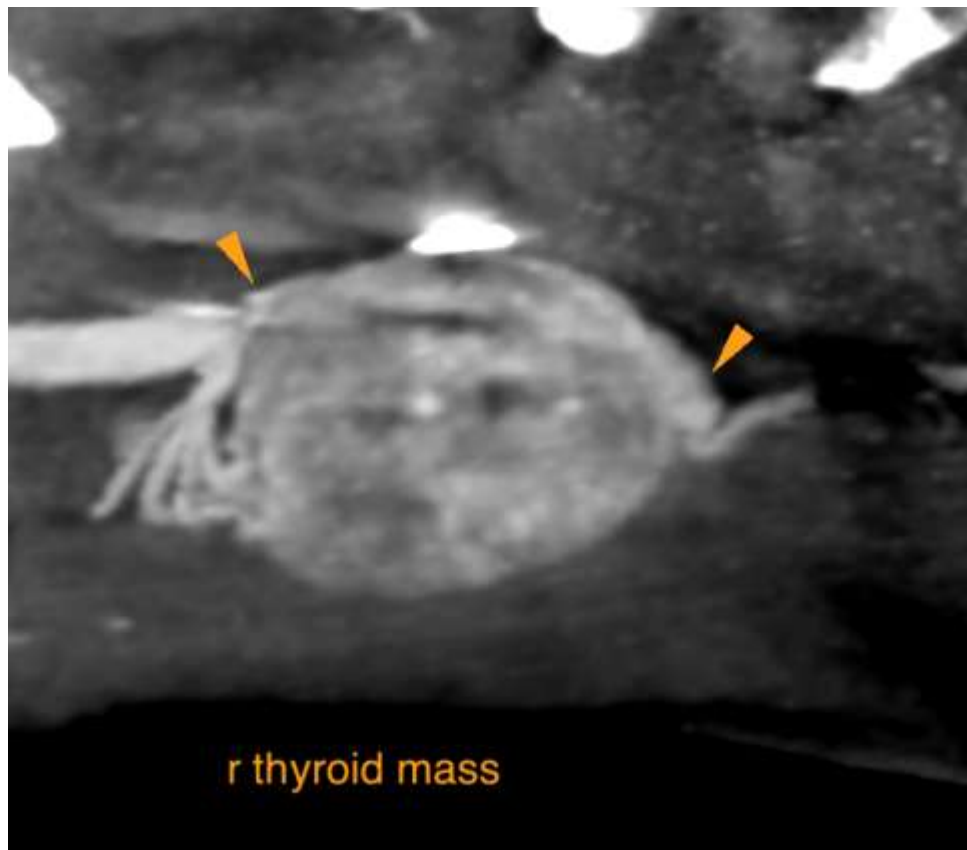
DATE

12-15-21

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The right thyroid mass is highly concerning for right thyroid carcinoma or less likely adenoma. Theoretically goiter is a consideration, but I would expect bilateral enlargement and a homogeneous contrast enhancement pattern. The nodular enlargement of the right medial retropharyngeal lymph nodes is suggestive for metastasis.

Complete surgical excision of the mass appears feasible and should include excision of the right medial retropharyngeal lymph node as well.





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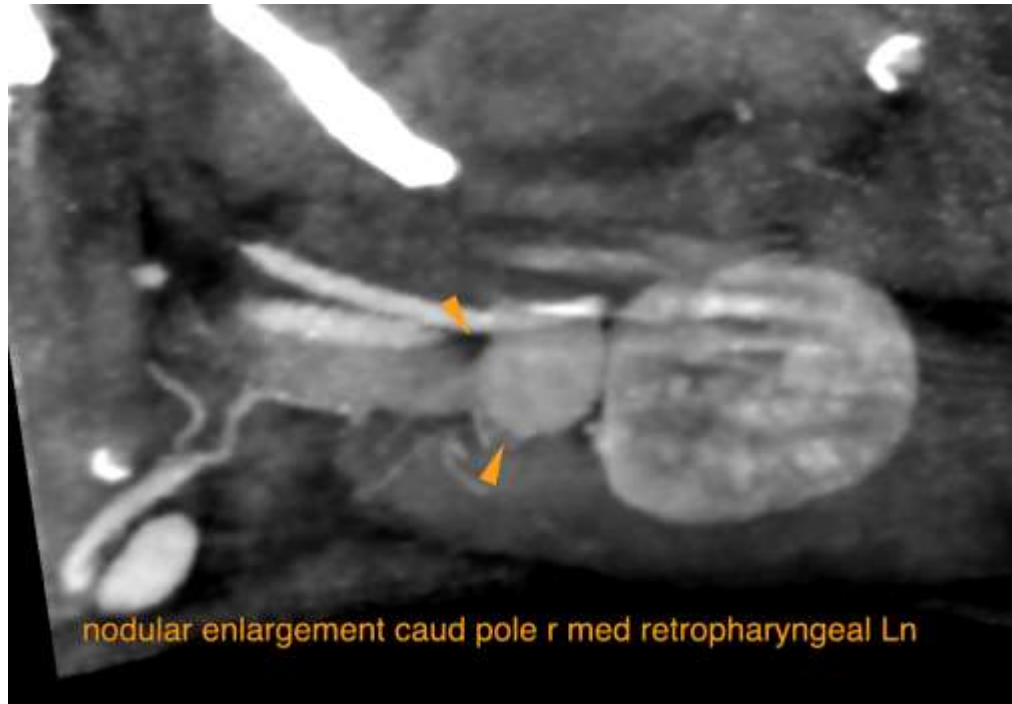
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

Sebastian Schaub, Sebastian Schaub, DVM, Dr. med. vet. DipECVDI
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