



PATIENT PRESENTING CLINICAL SIGNS

Buddy Sobel History: suspect caval syndrome ascites, cervical swelling, cranial mediastinal mass
Abnormal PE/Chem/CBC/UA Results:

SPECIES COMPUTED TOMOGRAPHIC STUDY OF THE THORAX

Canine A high resolution pre- and post-contrast CT study of the thorax is provided for review.

COMPUTED TOMOGRAPHIC FINDINGS

BREED

Bulldog Mix

The vertebral endplates T11/T12 present mild spondylosis formation.

SEX

Male

Cranial to the heart, ventral to the large cranial mediastinal vessels, a bilobed, uniform soft tissue attenuating and heterogeneous contrast enhancing mass is seen – occupying the complete cranial thoracic. The tracheobronchial lymph nodes, and at least one cranial mediastinal lymph node are significantly enlarged and rounded.

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

AGE

5 Years 6 Months

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.

INTERPRETED BY

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

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

Level with the right thyroid gland, an ovoid shaped, contrast enhancing mass is seen, measuring 1.6 cm in size.

HOSPITAL NAME

Animal Surical Center

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Cranioventral mediastinal mass
- Lymphadenopathy cranial mediastinal and tracheobronchial lymph nodes
- Soft tissue mass region right thyroid gland

REFERRING VET

**Animal Health &
Wellness VO**

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT study is confirming the diagnosis of a cranioventral mediastinal mass in combination with lymphadenopathy of cranial mediastinal and tracheobronchial lymph nodes – consistent with primary neoplasia, such as thymic lymphosarcoma, ectopic thyroid carcinoma, histiocytic sarcoma, thymic carcinomatosis, other. Recommend FNA sampling ± TruCut biopsy for further differentiation. Depending on the results of the advanced diagnostic tests, the chances of palliative chemotherapy might be discussed with oncologist.

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DATE

3/10/23



PATIENT

The mass in the region of the right thyroid gland can present primary thyroid tumor as a second entity – carcinoma is most common – or enlarged lymph node.

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SPECIES

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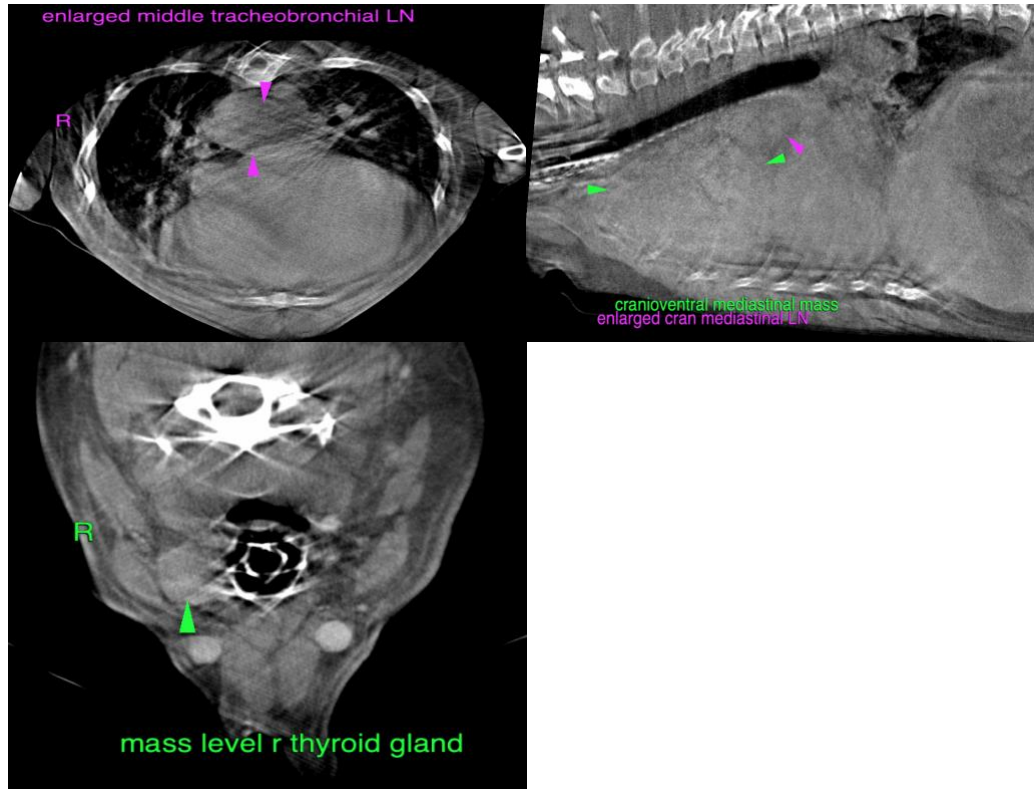
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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