



**PATIENT PRESENTING CLINICAL SIGNS**

**Sandy Kushner** Ventral cervical mass (thyroid, parathyroid, other neoplasia), recent FNA suggestive of thyroid neoplasia

**SPECIES COMPUTED TOMOGRAPHY OF THE NECK & THORAX**

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

**COMPUTED TOMOGRAPHIC FINDINGS**

**BREED** At the left lateral aspect of the trachea, a bilobed, well-defined, soft tissue attenuating and heterogeneous contrast enhancing mass is seen, measuring 2.5 x 2.2 x 7.6 cm in size. The left common carotid artery is deviated dorsally by the mass effect and the trachea is mildly deviated to the right. Multiple tortuous feeding vessels are seen in the periphery of the mass.

**Mixed**

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

**SEX**

**Spayed Female** In the right axillary region, a well-defined, uniform fat attenuating mass is appreciated, measuring 6.2 x 4.7 x 9.8 cm in size. Multiple smaller lipomas are seen along the thoracic wall bilaterally and left axillary region.

**AGE**

**11 Years, 1 Month** The costal cartilages present moderate degenerative changes. 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. 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.

**HOSPITAL NAME**

Mobile Pet Imaging

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

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

**REFERRING VET**

Meaux

- Bilobed soft tissue level with the left thyroid gland
- Multiple lipomas along the thoracic wall and axillary region bilaterally
- No evidence of pulmonary metastatic disease

**INVOICE**

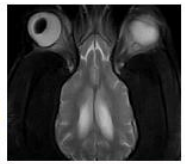
55578

**DATE**

12-13-22

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The CT study is consistent with primary neoplasia originating from the left thyroid gland, thyroid carcinoma is most likely. The bilobed appearance is likely a sequela to a second mass in the caudal pole of the left medial retropharyngeal lymph node, being in contact with the thyroid mass. Complete surgical excision of the thyroid mass including the left medial retropharyngeal lymph node is considered feasible.



**PATIENT**

Sandy Kushner

**SPECIES**

Canine

**BREED**

Mixed

**SEX**

Spayed Female

**AGE**

11 Years, 1 Month

**INTERPRETED BY**

Sebastian Schaub, DVM  
Dr. med. vet. DipECVDI

**HOSPITAL NAME**

Mobile Pet Imaging

**REFERRING VET**

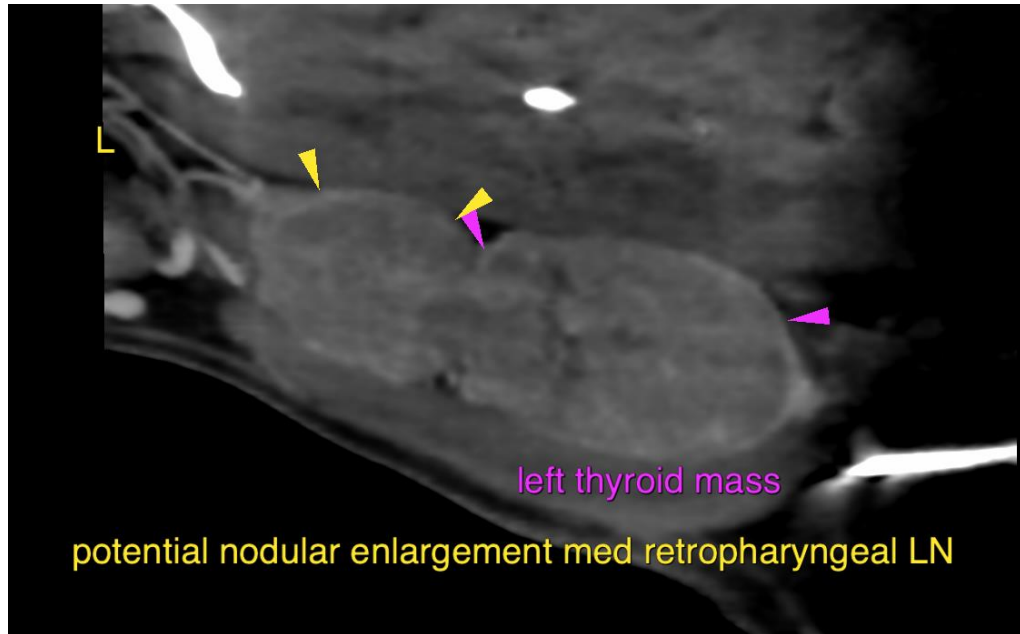
Meaux

**INVOICE**

55578

**DATE**

12-13-22



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  
sebast.schaub@gmail.com