



**PATIENT**

Jet Leistner

**PRESENTING CLINICAL SIGNS**

thyroid tumor rule out neoplasia Coughing ( rule out tracheatitis) Oral- 2x1x1 cm ventral left sided mass effect movable. on enrofloxacin SID for coughing  
Abnormal PE/Chem/CBC/UA Results: 4/30/23 cbc/chem wnl

**SPECIES**

Canine

**COMPUTED TOMOGRAPHIC STUDY OF THE HEAD, NECK, & THORAX**

Plain and post contrast studies available for review.

**BREED**

Pomeranian

**COMPUTED TOMOGRAPHIC FINDINGS**

**Head & Neck**

The CT study reveals an irregular shaped and ill-defined soft tissue attenuating mass with multilobulated appearance ventral to the base of the tongue within the intermandibular sublingual soft tissues. The mass measures approximately 5 cm in length, 2.5 cm in height, and 3.5 cm in width. Part of the mass can be traced into the left laryngopharynx where a mass effect onto the epiglottis is noted. The mass presents moderate nonuniform contrast enhancement. The caudal margin of the mass is in contact with the basihyoid bone. No evidence of aggressive osteolytic changes of the basihyoid bone is noted.

**SEX**

Male Neutered

The regional lymph nodes present within normal limits.

**AGE**

14 Years

**Thorax**

Mild flattening of the trachea is seen.

**INTERPRETED BY**

Nele Eley, DVM  
Dr. med. Vet. DipECVDI

The lung presents moderate atelectatic changes. No evidence of interstitial pulmonary nodules or masses is seen. There is mild multifocal peribronchial mucinous gland mineralization.

**HOSPITAL NAME**

Animal Surgical  
Center

A large hypoattenuating cavitory lesion is emerging from the caudal pole of the right kidney and partially included in the collimated field of view.

Mild biliary microlithiasis is noted.

**REFERRING VET**

All Creatures  
Veterinary Services

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

- Large lobulated soft tissue mass with presumed aggressive biological behavior ventral to the base of the tongue.
- No evidence of regional lymph node metastases.
- No evidence of pulmonary metastases.
- Suspect dynamic tracheal disease.
- Suspect chronic lower airway disease.
- Suspect large right renal cyst.
- Biliary microlithiasis.

**INVOICE**

58231

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

**DATE**

5-8-23

The CT study reveals a soft tissue mass with multilobulated appearance and strong heterogeneous contrast enhancement at the base of the tongue. The mass presents infiltrative



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growth and extends into the left laryngopharynx with contact to the epiglottis. Differential diagnosis includes ectopic thyroid carcinoma, adenoma/adenocarcinoma of the sublingual salivary gland, soft tissue sarcoma, and other soft tissue neoplasia. Final diagnosis will require sampling for cytology or histology.

**SPECIES**

Canine

At this time, there is no evidence of lymph node metastases or metastases within the pulmonary tissue.

**BREED**

Pomeranian

The changes of the bronchial tree suggest potential for chronic lower airway disease such as eosinophilic /allergic bronchopneumopathy or infectious bronchitis.

The findings of the trachea suggest potential for dynamic tracheal disease. Clinical significance of the mild tracheal changes is not necessarily given.

**SEX**

Male Neutered

**AGE**

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**INTERPRETED BY**

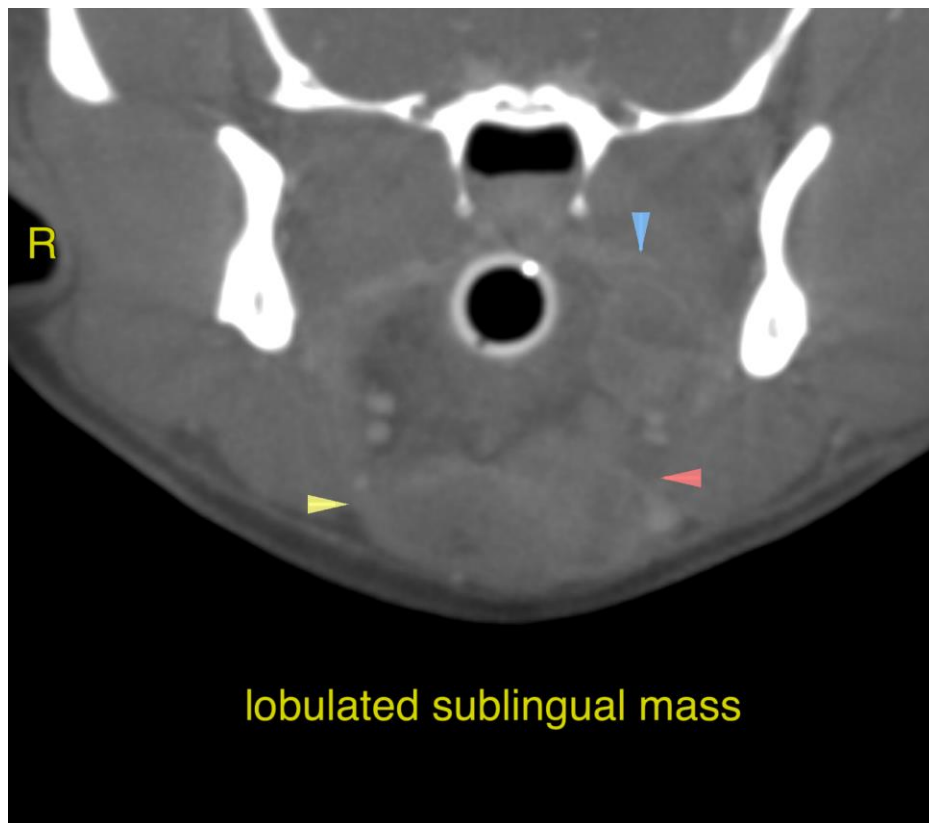
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Center

**REFERRING VET**

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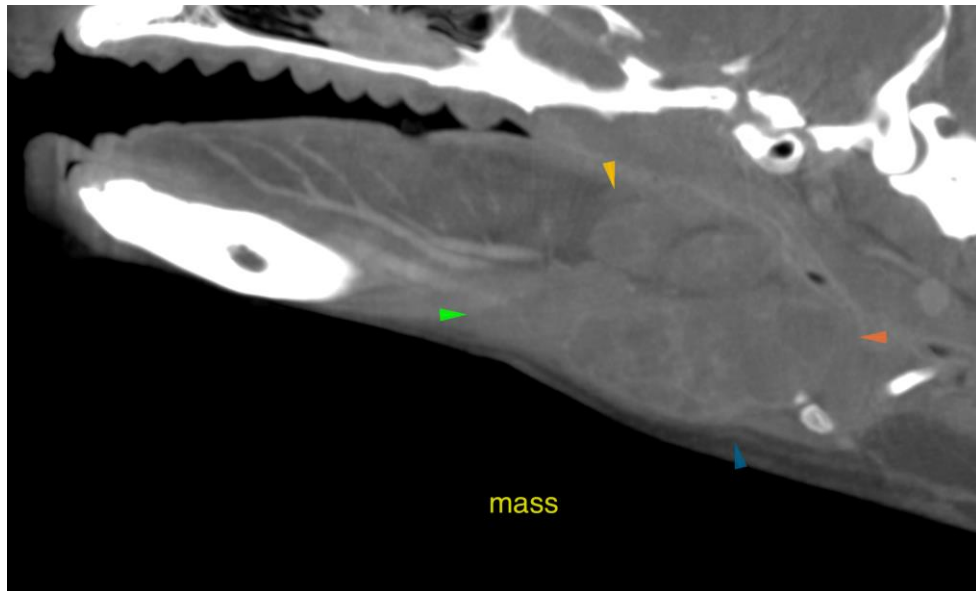
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**DATE**

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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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