



**PATIENT PRESENTING CLINICAL SIGNS**

Shanel Marcelo  
 Upper airway noise  
 Abnormal PE/Chem/CBC/UA Results: palpable swelling / mass right TMJ area

**SPECIES COMPUTED TOMOGRAPHY OF THE SKULL**

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

**COMPUTED TOMOGRAPHIC FINDINGS**

**BREED**  
 Mixed  
 The pictured parts of the dentition are complete and unremarkable in all jaw quadrants.

**SEX**  
 Female Spayed  
 The nasal cavity presents the expected aerated spaces between thin & even conchae and turbinates with smooth mucosal lining.  
 Both temporomandibular joints present congruent joint spaces with even subchondral bone surfaces and are considered within normal limits.

**AGE**  
 11 Years  
 Both tympanic bullae are aerated, the mucosal lining is not seen, the bony wall is smooth and thin. The external ear canals are within normal limits.

**INTERPRETED BY**  
 Sebastian Schaub, DVM  
 Dr. med. vet. DipECVDI  
 The brain presents no deviation from normal anatomy and symmetry. The brain parenchyma is homogeneous and within normal limits for attenuation and distribution of contrast enhancement. The ventricular system is non-dilated and symmetric.

**HOSPITAL NAME**  
 Mobile Pet Imaging  
 In the right retropharyngeal region, a large, ill-defined, uniform soft tissue attenuating and heterogeneous contrast enhancing multinodular mass is visible, extending ventrally into the base of the tongue and partially encompassing the larynx. The mass is invading the mural structures of the larynx. There is evidence of lysis and medial displacement of the right epihyoid bone. In the caudal aspect the mass is extending up to the level of C1. Laterally the mass is in close contact with the right mandibular salivary gland, presenting an ill-defined demarcation to the mass. The right medial retropharyngeal lymph node is seen in the caudal aspect of the mass; the right medial retropharyngeal lymph node is moderately enlarged with a heterogeneous contrast enhancement pattern.

**REFERRING VET**  
 Meaux  
 The right superficial cervical lymph node is prominent.

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

- INVOICE**
- Biologically aggressive right sided retropharyngeal mass invading the larynx and base of the tongue
  - Secondary osteolysis of the right aspect of the hyoid apparatus
  - Lymphadenopathy right medial retropharyngeal lymph node and right superficial cervical lymph node

**DATE**

12-8-21



**PATIENT**

Shanel Marcelo

**SPECIES**

Canine

**BREED**

Mixed

**SEX**

Female Spayed

**AGE**

11 Years

**INTERPRETED BY**

Sebastian Schaub, DVM  
Dr. med. vet. DipECVDI

**HOSPITAL NAME**

Mobile Pet Imaging

**REFERRING VET**

Meaux

**INVOICE**

48909

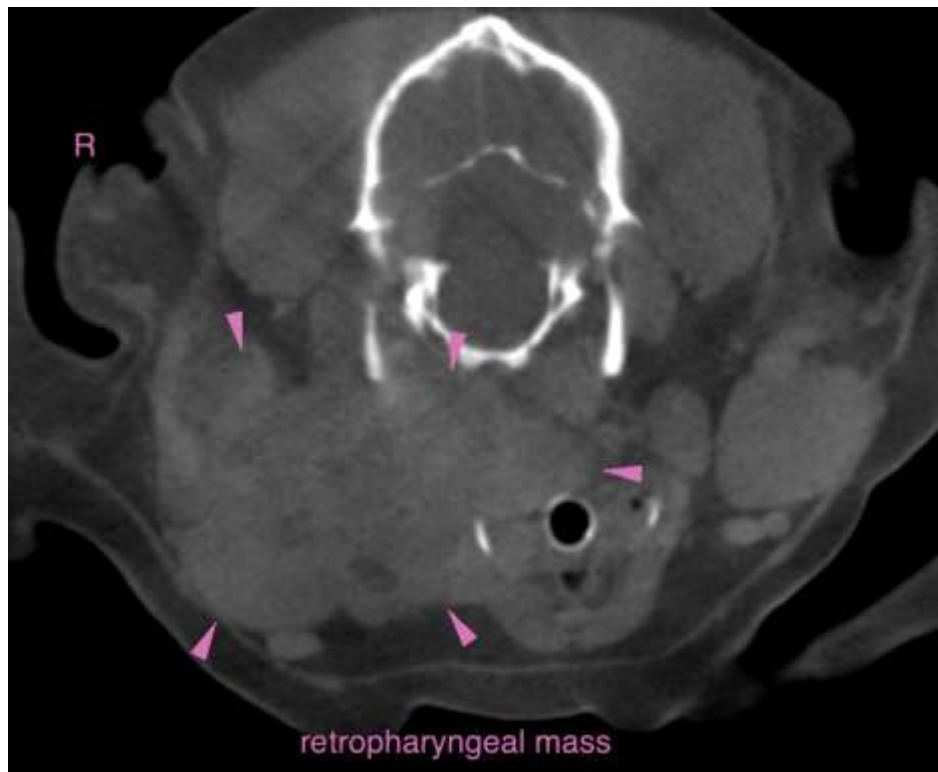
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**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

There is a local invasive growing mass in the right retropharyngeal area and differentials include squamous cell carcinoma, ectopic thyroid carcinoma, melanoma, round cell tumor, other. FNA sampling can be performed for further definition. Unfortunately, there are no surgical treatment options, but the chances of palliative radiation therapy might be discussed with oncologist. The long-term prognosis is poor.

The odds for metastatic spread to the tributary lymph nodes is high.





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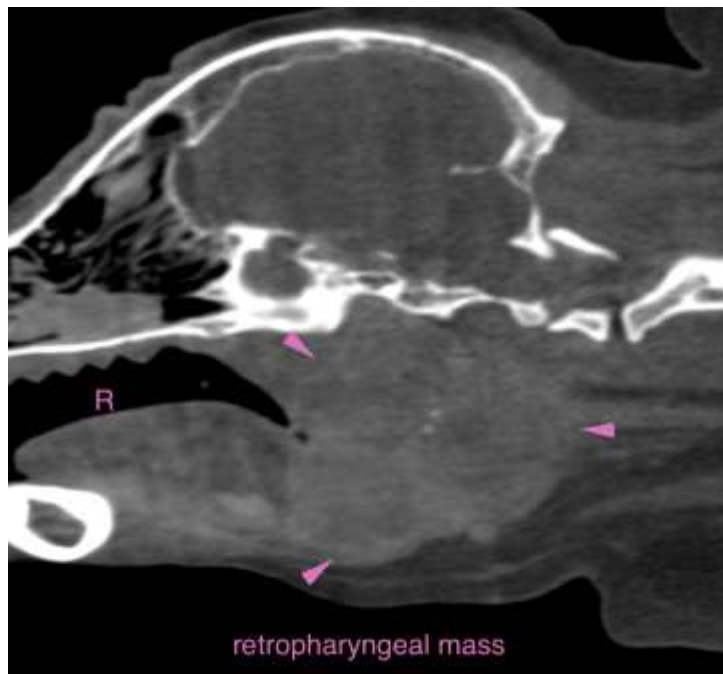
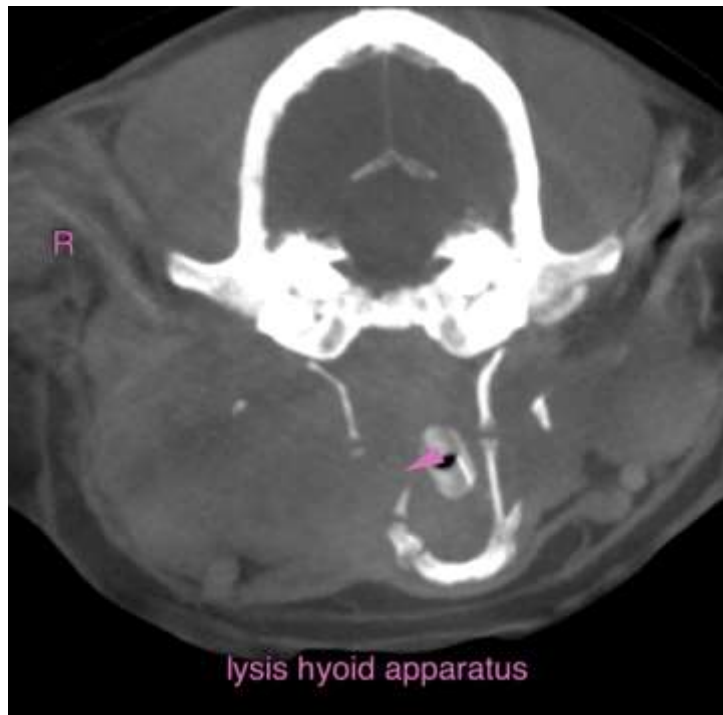
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**PATIENT**

Shanel Marcelo

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.

**SPECIES**

Canine

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.

**BREED**

Mixed

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

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