



**PATIENT**

Littles Matrone

**PRESENTING CLINICAL SIGNS**

Mass on Nasal planum. Surgeon considering removal or debulking surgery. CT to determine margins of pathology.  
Abnormal PE/Chem/CBC/UA Results: CBC Biochem unremarkable

**SPECIES**

Feline

**COMPUTED TOMOGRAPHY OF THE SKULL**

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

**BREED**

DSH

**COMPUTED TOMOGRAPHIC FINDINGS**

Multiple teeth are absent.

**SEX**

FS

Attached to the left dorsolateral aspect of the nasal planum, a plaque like, soft tissue attenuating and heterogeneous contrast enhancing mass is visible. The mass of the nasal planum appears to be continuous with a heterogeneous contrast enhancing soft tissue mass, occupying the left nasal cavity. Moderate destruction of the left nasal conchal & turbinate structures is noted. The left maxillary bone presents multifocal moth eaten osteolytic lesions. The cribriform plate is intact. The left frontal sinus is filled with fluid attenuating material.

**AGE**

10 Years

In the subcutaneous tissue at the dorsolateral aspect of the left upper eyelid, a roundish, well-defined, central fluid attenuating nodular lesion, measuring 5.5 mm in diameter is seen.

**INTERPRETED BY**

Sebastian Schaub, DVM  
Dr. med. vet. DipECVDI

Both temporomandibular joints present congruent joint spaces with even subchondral bone surfaces and are considered within normal limits.

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.

**HOSPITAL NAME**

Holy Family  
Veterinary Hospital

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.

The left mandibular lymph nodes are moderately enlarged, rounded with a heterogeneous contrast enhancement pattern.

**REFERRING VET**

Dr. Hansen

Thy thyroid glands are enlarged, L>>R, mild hyperattenuating and with a heterogeneous contrast enhancement pattern.

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

**INVOICE**

51552

- Biologically aggressive left sided nasal soft tissue mass with continuation into the nasal planum
- Secondary polyostotic aggressive osteolytic lesions left maxillary bone & nasal bone
- Lymphadenopathy left mandibular lymph nodes
- Subcutaneous, potentially cystic mass, left upper eyelid
- Significant enlargement thyroid gland bilaterally
- Multiple absent teeth

**DATE**

4-15-22



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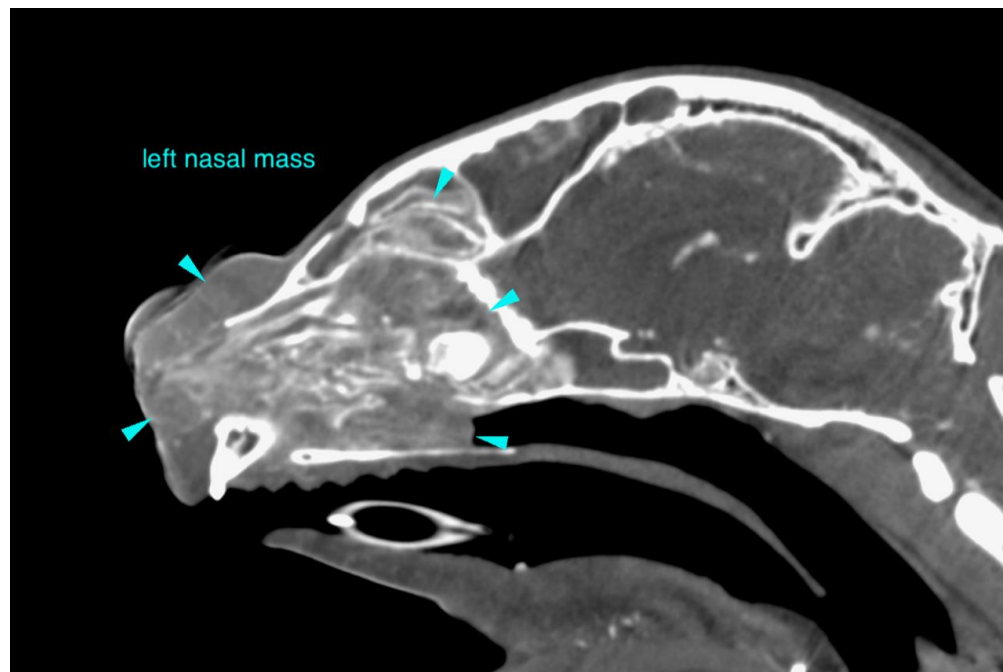
**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The findings are consistent with left-sided primary nasal neoplasia presenting with a plaque-like soft tissue mass at the nasal planum. Differentials include squamous cell carcinoma, transitional cell carcinoma, lymphosarcoma, adenocarcinoma, other. FNA sampling of the mass can be considered as an advanced diagnostic test. Based on the results of the advanced diagnostic tests, the chances of radiation therapy can be discussed with the oncologist.

The odds for metastatic spread to the left mandibular lymph nodes are high.

The subcutaneous mass of the left upper eyelid can present a tumor of the skin adnexa. FNA sampling might be used as an advanced diagnostic tool.

The enlarged thyroid glands are most consistent with (non) functional thyroid adenoma; correlate with T4 values.



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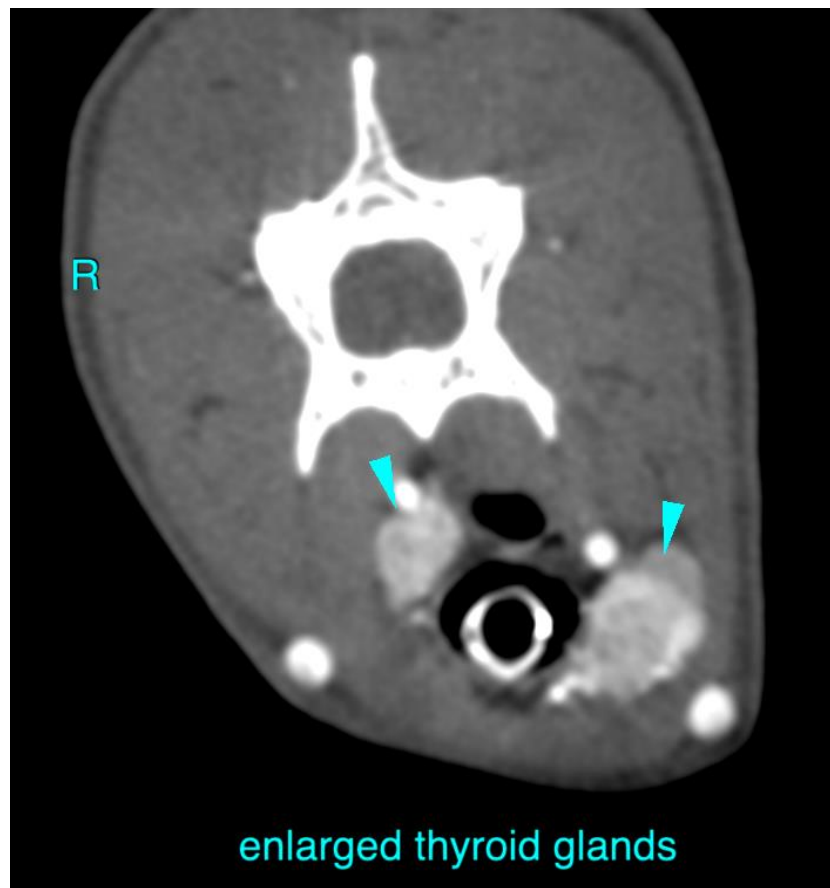
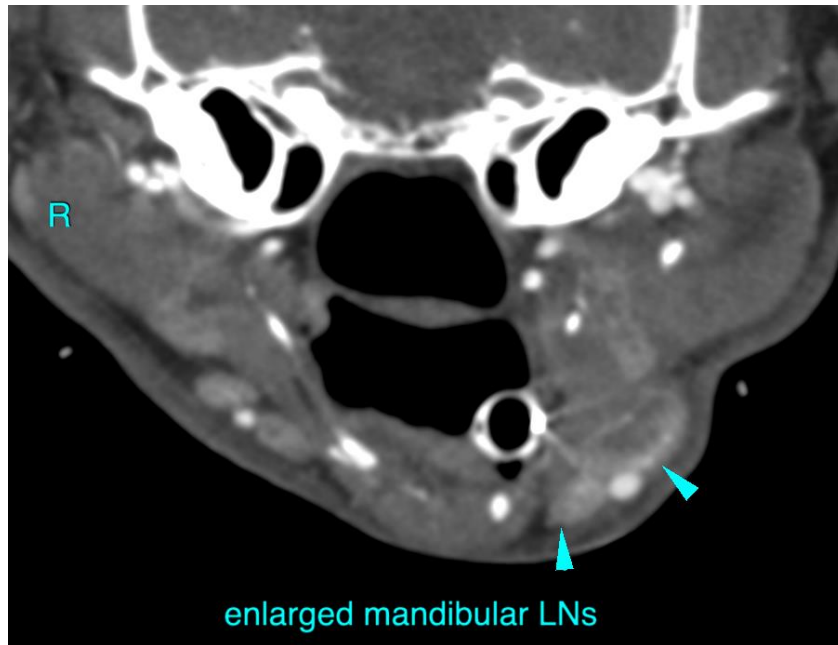
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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