

**PATIENT PRESENTING CLINICAL SIGNS**

Onyx Dean History: mild chronic rhinitis- clear/ non-purulent discharge, unresponsive to Convenia. Feline Respiratory Panel is neg. senior panel- recent (mild eosinophilia - chronic/ historical )  
Abnormal PE/Chem/CBC/UA Results: high eosinophils

**SPECIES COMPUTED TOMOGRAPHIC STUDY OF THE SKULL**

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

**BREED COMPUTED TOMOGRAPHIC FINDINGS**

DSH Triadan 401 is absent.

**SEX**

Spayed Female

The nasal cavity presents the expected aerated spaces between thin & even conchae and turbinates with smooth mucosal lining. A very mild amount of non-contrast enhancing soft tissue material is visible in the right frontal sinus. In the nasopharynx, level with the nasopharyngeal tonsils, a focal marked irregular soft tissue swelling of the roof of the nasopharynx is seen, obliterating approximately up to 95% of the cross-sectional area of the nasopharynx at the same level. The pre-sphenoid bone at the same level presents moderate sclerosis and mild irregular ventral margins with small moth-eaten osteolytic lesions.

**AGE**

14 Years

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

**INTERPRETED BY**

Sebastian Schaub,  
DVM Dr. med. vet.  
DipECVDI

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.

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.

**HOSPITAL NAME**

Advanced Animal  
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The ventricular system is non-dilated and symmetric.

The submandibular and medial retropharyngeal lymph nodes are small and elongated with a normal short-to-long-axis-ratio is < 0.5, the attenuation and contrast enhancement pattern is uniform.

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

**REFERRING VET**

Blair Hollowell, DVM

- Focal soft tissue mass region roof to the nasopharynx, level with pharyngeal tonsils
- Monostotic semiaggressive mild osteolytic lesions presphenoid bone level with the nasopharyngeal tonsils
- Absent 401

**INVOICE**

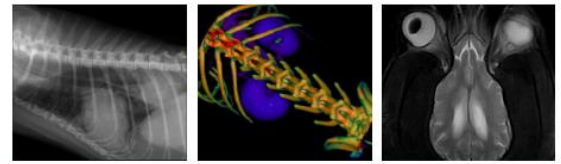
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**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The focal soft tissue mass level with the nasopharyngeal tonsils in conjunction with the mild aggressive lesions of the presphenoid bone are concerning for neoplastic disease such as round-cell

**DATE**

12/9/21



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Onyx Dean

tumor or carcinoma. Primary inflammatory origin such as eosinophilic granuloma or infectious granulomatous inflammation (e.g., mycotic granuloma) are potentials. Recommend retrograde evaluation of the nasopharynx with sampling for biopsy/FNA sampling.

The upper airway obstruction is explaining the described clinical signs.

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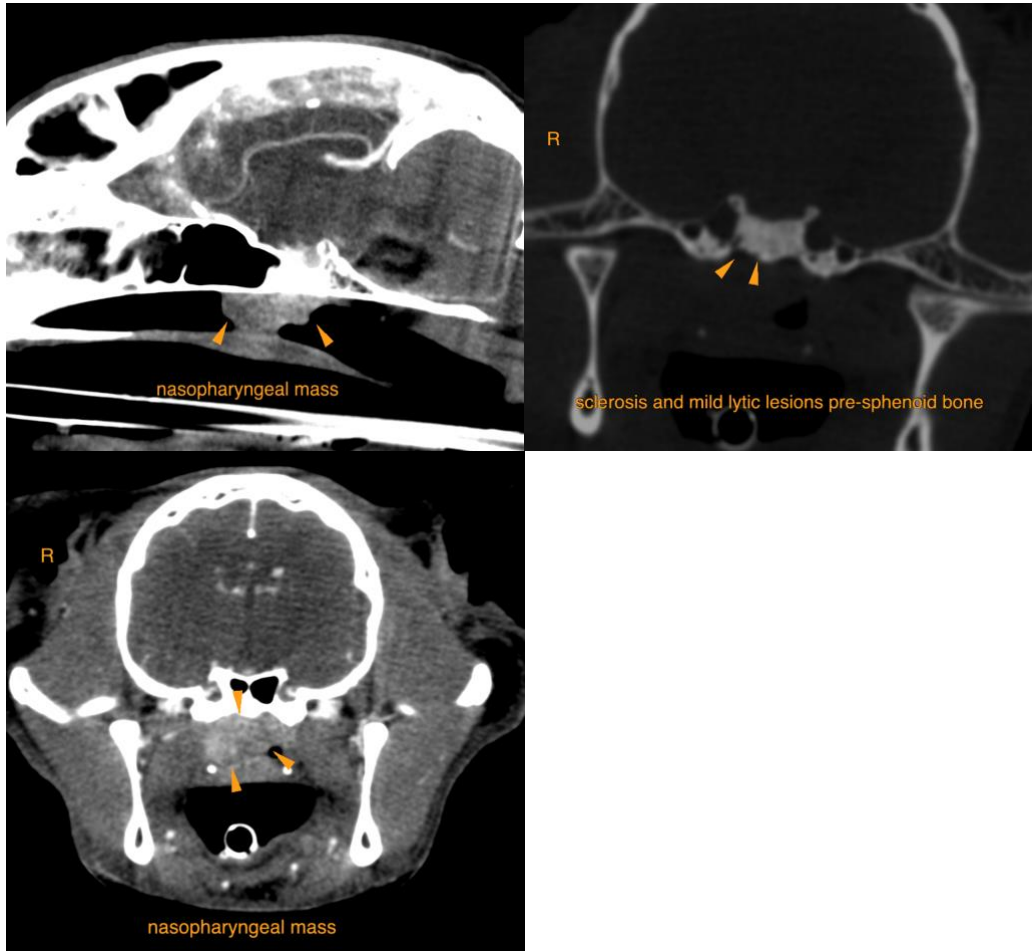
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

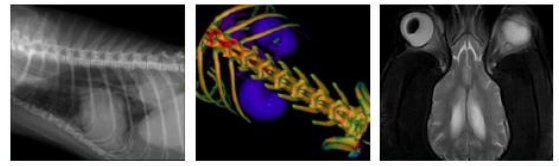
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Sebastian Schaub, Sebastian Schaub, DVM, Dr. med. vet. DipECVDI  
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