



**PATIENT PRESENTING CLINICAL SIGNS**

Barron Villari acute orbital swelling-od, severe conjunctivitis-od,  
 Abnormal PE/Chem/CBC/UA Results: Urea Nitrogen 70, Creatinine 3.0, Sodium 160, NA/K  
 RATIO 31, Amylase 1502, PrecisionPSL 30, WBC 23.0, Platelet Count 655, Neutrophils 76% UA :  
**SPECIES** RBC 4-10, Squamous Epithelia 4-10

Feline **COMPUTED TOMOGRAPHY OF THE SKULL**

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

**BREED COMPUTED TOMOGRAPHIC FINDINGS**

DSH The pictured parts of the dentition are complete. A moderate amount of mineral attenuating material is attached to the crowns of buccal teeth.

**SEX** The right nasal cavity is obliterated by uniform soft tissue attenuating and mild heterogeneous contrast enhancing material. The nasal soft tissue mass is perforating the nasal septum and bulging into the left nasal cavity. Moderate destruction of the nasal conchal & turbinate structures is seen. The right maxillary bone, right nasal bone and the perpendicular plate of the left palatine bone present moth eaten osteolytic lesions. A subcutaneous soft tissue mass is seen at the right dorsolateral aspect of the nose and the right orbit. A mild left sided deviation of the falx cerebri in the rostral cranial fossa is seen.

**AGE** 16 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 filled with soft tissue attenuating material. The wall of the tympanic bulla bilaterally is thickened and smooth. 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. The ventricular system is non-dilated and symmetric.

**HOSPITAL NAME**

ACC Landing

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.

**REFERRING VET**

Dr. Villari

The thyroid gland bilaterally is moderately enlarged and present a heterogeneous contrast enhancement pattern respectively.

Multiple gas inclusions are seen in the fascial planes along the right lateral aspect of the neck – suspect preceding injection.

**INVOICE COMPUTED TOMOGRAPHIC DIAGNOSIS**

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- Right nasal soft tissue mass with polyostotic semiaggressive osteolytic lesions and signs for perforation of the cranial fossa and subcutaneous extension.
- Bilateral otitis media
- Bilateral enlargement of the thyroid glands – suspect (non)functional adenoma or nodular hyperplasia
- Dental tartar

**DATE**

1-24-23



**PATIENT**

Barron Villari

**SPECIES**

Feline

**BREED**

DSH

**SEX**

MN

**AGE**

16 Years

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**INVOICE**

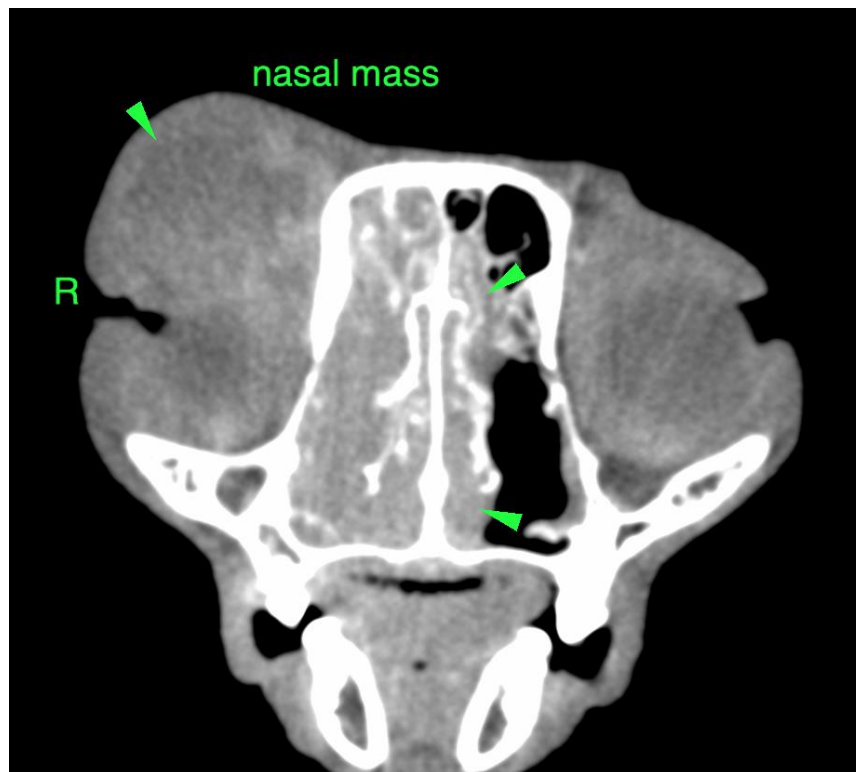
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**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The nasal mass is highly suggestive for primary nasal neoplasm, originating from the right nasal cavity. The mass is dissecting through the osseous margins of the nasal cavity and extending into the subcutaneous tissue – explaining the clinically appreciated swelling along the orbit. The deviation of the falx is indicating intracranial extend of the nasal mass. Differentials include lymphosarcoma, adenocarcinoma, squamous cell carcinoma, transitional cell carcinoma, other. FNA sampling/biopsy of the subcutaneous swelling or rhinoscopy including biopsy can be used as advanced diagnostic tests. The Adam tumor stage is T4.





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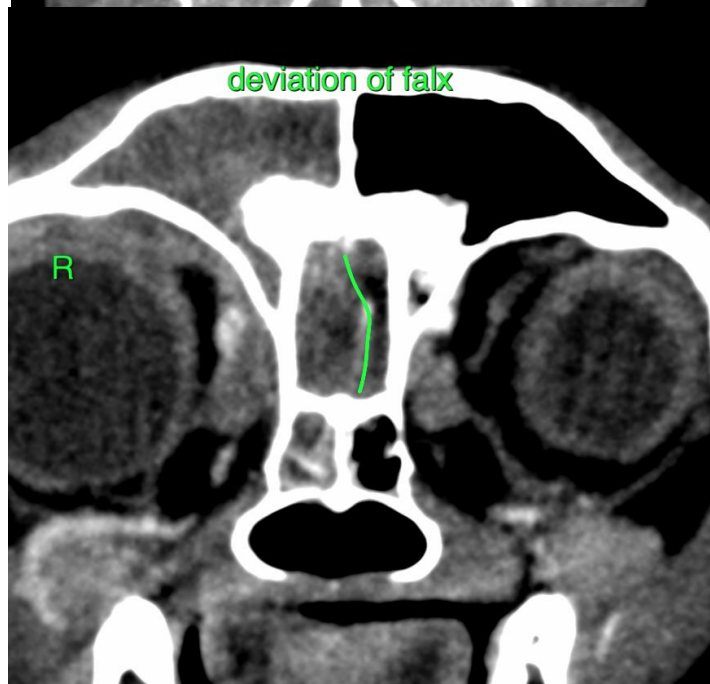
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

**SPECIES**

Feline

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**

DSH

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

MN

**AGE**

16 Years

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