



**PATIENT**

Penguina Hubbard

**PRESENTING CLINICAL SIGNS**

History of chronic URI, dental disease, mydriasis, OU. A fleshy mass appears to be arising from the nasal aspect of the right fundus.  
Abnormal PE/Chem/CBC/UA Results: chemistry: ALP=251 (10-90) U/L, ALT=576 (20-100) U/L, tбили=1.0 (0.1=0.6) mg/dL

**SPECIES**

Feline

**COMPUTED TOMOGRAPHY OF THE SKULL**

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

**BREED**

DMH

**COMPUTED TOMOGRAPHIC FINDINGS**

The tooth elements 104, 109, 204, 304, 307, 404 and 407 are absent.

**SEX**

FS

The nasal cavity presents the expected aerated spaces between thin & even conchae and turbinates with smooth mucosal lining.

A seagull shaped, mild contrast enhancing lamella is protruding into the vitreous chamber of the right ocular bulb. In the left ocular a mild undulating thin contrast enhancing membrane can be appreciated level with the fundus.

**AGE**

17 Years, 6 Months

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

In the left tympanic bulla, a small amount of soft tissue attenuating material is attached to the mucosal lining. The osseous wall of the left tympanic bulla is mildly thickened and smooth. The right tympanic bulla is aerated and presents a smooth and thin osseous wall. The external ear canals are within normal limits.

**HOSPITAL NAME**

Healing Spirit Animal  
Wellness

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 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**

Sarah Green

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

- Bilateral retinal detachment
- Left sided mild otitis media
- Multiple absent teeth

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**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The ocular changes are highly suggestive for retinal detachment, check for underlying systemic hypertension as most common underlying cause - e.g. secondary to hyperthyroidism or cardiomyopathy..

**DATE**

7-8-22

The mild otitis media is considered as a sequela to the history of recurrent upper airway infections. At this point there are no imaging features indicating active upper airway infection.



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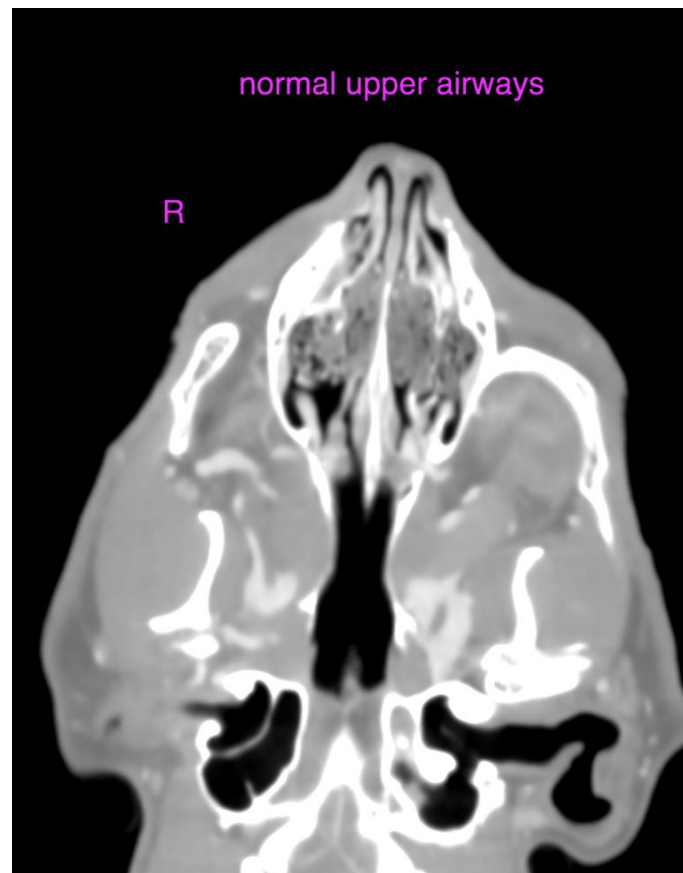
Sarah Green

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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.

**Sebastian Schaub**, Sebastian Schaub, DVM, Dr. med. vet. DipECVDI  
sebast.schaub@gmail.com

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