

**PATIENT PRESENTING CLINICAL SIGNS**

Spencer Slate Five-month history of nasal congestion/whistling. Responsive to antihistamines. Prominent frontal sinus on physical exam.

**SPECIES COMPUTED TOMOGRAPHY OF THE SKULL**

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

**COMPUTED TOMOGRAPHIC FINDINGS**

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

**DSH** Moderate destruction of the nasal conchal and turbinate structures are appreciated, L>R. Advanced hyperostosis of the frontal sinus is seen forming multiple cavitory regions with trapped fluid attenuating material in the frontal sinuses.

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

**MN** 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.

**AGE** 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 medial retropharyngeal lymph nodes bilaterally are prominent.

**INTERPRETED BY COMPUTED TOMOGRAPHIC DIAGNOSIS**

Sebastian Schaub, DVM  
Dr. med. vet. DipECVDI

- Destructive rhinitis
- Advanced hyperostosis frontal sinuses bilaterally
- Lymphadenopathy medial retropharyngeal lymph nodes

**HOSPITAL NAME**

Mobile Pet Imaging

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The findings are consistent with chronic destructive rhinitis and secondary advanced hyperostosis of the frontal sinuses. The causative agent is most likely primary viral with bacterial superinfection. There is a small chance of fungal (cryptococcal) superinfection.

**REFERRING VET**

Seraydar The prominent medial retropharyngeal lymph nodes are consistent with secondary reactive lymphadenitis due to the underlying chronic rhinitis.

**INVOICE**

54889

Rhinoscopy with biopsy and samples for microbial cultures is recommended. Clinical signs are likely to reoccur in chronic cases of rhinosinusitis.

**DATE**

10-31-22



**PATIENT**

Spencer Slate

**SPECIES**

Feline

**BREED**

DSH

**SEX**

MN

**AGE**

14

**INTERPRETED BY**

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**REFERRING VET**

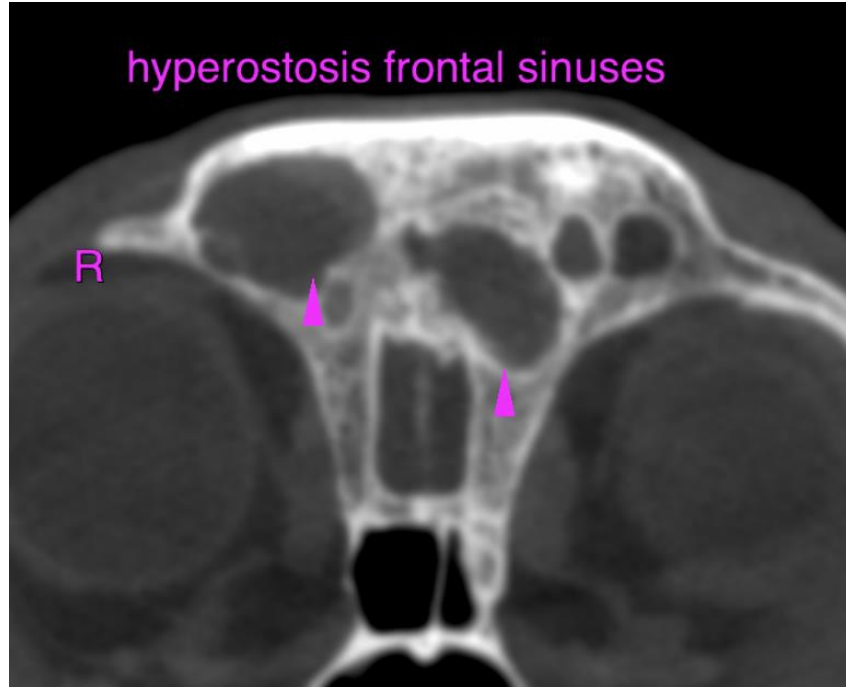
Seraydar

**INVOICE**

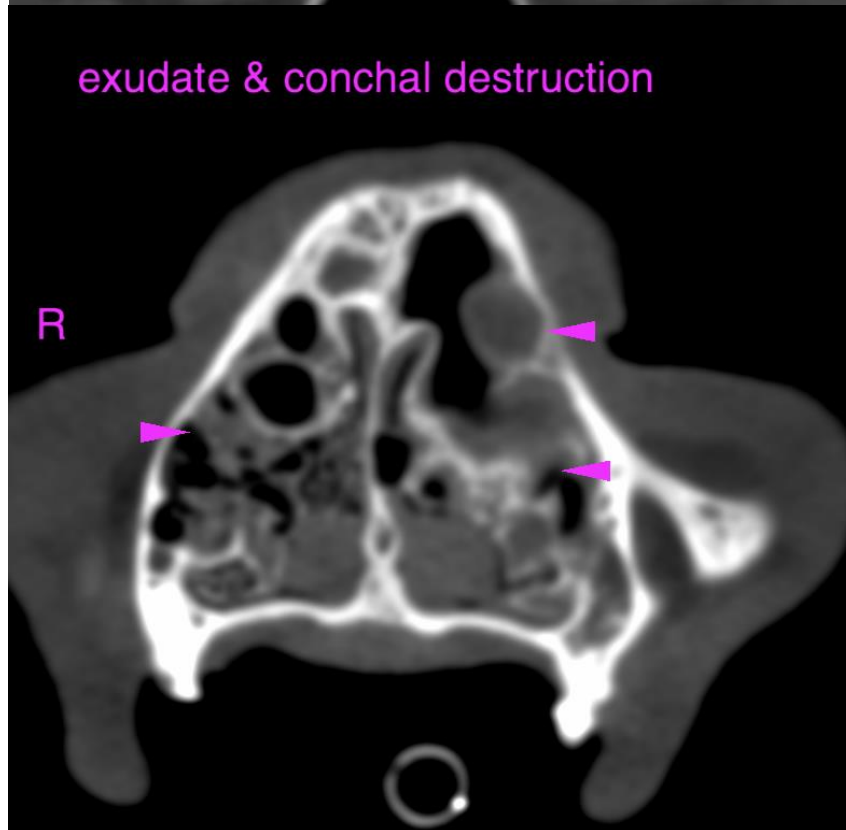
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**DATE**

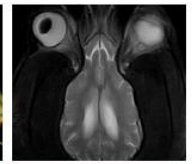
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hyperostosis frontal sinuses



exudate & conchal destruction



**PATIENT**

Spencer Slate

**SPECIES**

Feline

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.

**BREED**

DSH

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

**SEX**

MN

**AGE**

14

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