



**PATIENT PRESENTING CLINICAL SIGNS**

Soraya Zackman Chronic nasal discharge unresponsive to medical treatment.

**COMPUTED TOMOGRAPHIC STUDY OF THE HEAD**

**SPECIES** Plain and post contrast studies available for review.

Feline

**COMPUTED TOMOGRAPHIC FINDINGS**

**BREED**

DLH

Extensive turbinate destruction is seen within the right nasal cavity. There is leftward deviation of the nasal septum and hyperostosis of the right frontal and nasal bones. The right frontal sinus is completely filled with diploe. The left frontal sinus presents within normal limits. Mild multifocal mucosal swelling is noted within the left nasal cavity as well. The right presphenoidal sinus is expanded with fluid attenuating contrast negative material. The cribriform plate is intact.

**SEX**

FS

The brain and pituitary gland present within the expected limits.

Both tympanic bullae contain fluid attenuating material. Mild generalized thickening of the osseous lining of the tympanic bullae is seen. The cochlea and labyrinthium of both inner ears present within normal limits. There is no evidence of intracranial extension. The lumen of the external auditory meatus is patent.

**AGE**

11 Years

Mild bilaterally symmetric submandibular and retropharyngeal lymphadenomegaly is noted.

**INTERPRETED BY**

Nele Eley (Ondreka),  
DVM Dr. med. vet.,  
DipECVDI

The dentition is incomplete with multiple absent teeth. No dental pathology that would be relevant to the nasal disease was noted.

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

- Chronic destructive rhinosinusitis accentuating the right nasal cavity and right paranasal sinuses.
- Chronic bilateral otitis media - no evidence of intracranial extension.
- Mild bilaterally symmetric submandibular and retropharyngeal lymphadenomegaly.

**HOSPITAL NAME**

Mobile Pet Imaging  
CFL

**INTERPRETATION OF FINDINGS & FURTHER RECOMMENDATIONS**

The CT study reveals destructive rhinosinusitis which is accentuated in the right nasal cavity. Significant distortion of the nasal septum and nasal bones is noted. There is no evidence of a soft tissue mass. Differential diagnosis includes infectious rhinitis such as viral, bacterial, and less likely fungal, as well as lymphoplasmacytic rhinitis. The combination with bilateral otitis media renders infectious pathology slightly more likely. Consider further definition by means of endoscopy with sampling as well as otoscopy/video-otoscopy with sampling if not performed already.

**REFERRING VET**

Borecky

**INVOICE**

52223

The lymph node changes are compatible with reactive lymphadenitis. Fine needle aspiration could be considered for further verification.

At this time, there was no evidence of intracranial extension of the rhinitis or otitis.

**DATE**

5-31-22



**PATIENT**

Soraya Zackman

**SPECIES**

Feline

**BREED**

DLH

**SEX**

FS

**AGE**

11 Years

**INTERPRETED BY**

Nele Eley (Ondreka),  
DVM Dr. med. vet.,  
DipECVDI

**HOSPITAL NAME**

Mobile Pet Imaging  
CFL

**REFERRING VET**

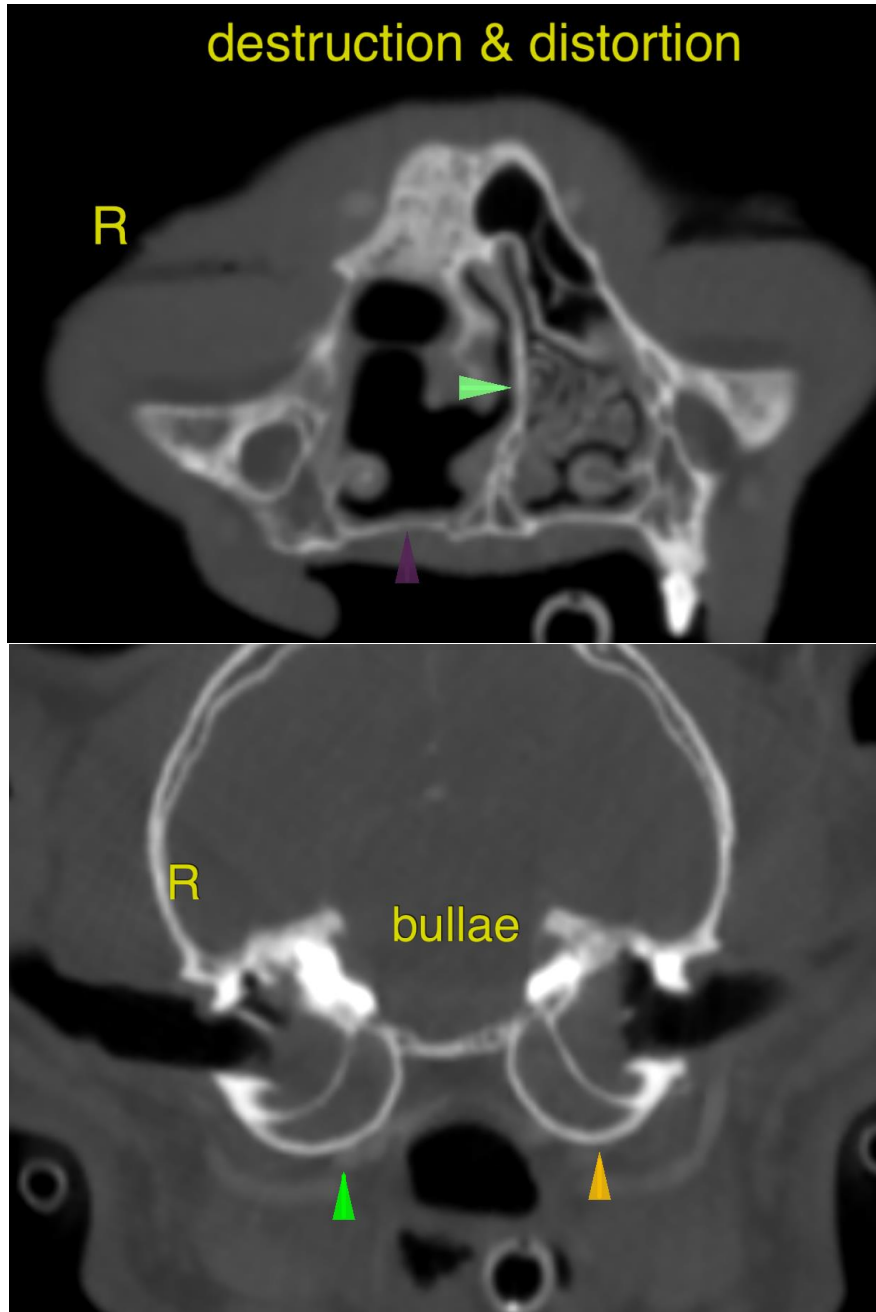
Borecky

**INVOICE**

52223

**DATE**

5-31-22



**PATIENT**

Soraya Zackman

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.

**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**

DLH

**Nele Eley (Ondreka)**, DVM, Dr. med. vet., DipECVDI  
European Specialist in Veterinary Diagnostic Imaging, Cert. Radiology,  
Senior lecturer University of Giessen/Germany, Veterinary Faculty, Department of Radiology.  
Nele.Eley@sonopath.com

**SEX**

FS

**AGE**

11 Years

**INTERPRETED BY**

Nele Eley (Ondreka),  
DVM Dr. med. vet.,  
DipECVDI

**HOSPITAL NAME**

Mobile Pet Imaging  
CFL

**REFERRING VET**

Borecky

**INVOICE**

52223

**DATE**

5-31-22