



**PATIENT PRESENTING CLINICAL SIGNS**

**Max Smith** All fine except sneezing in the morning and during temperature change. Chest clear, all fine. Cough when worming tablet given in consult. Poss chronic rhinitis or nasopharyngeal polyp. Head CT recommended.

**SPECIES COMPUTED TOMOGRAPHIC STUDY OF THE SKULL**

**Feline** A pre and post-contrast Head and thoracic CT is provided for review.

**BREED COMPUTED TOMOGRAPHIC FINDINGS**

**DSH** There is diffuse mucosal thickening of the nasal turbinates, bilaterally. Also, moderate multifocal hypoattenuating fluid material accumulation that is confluent to the nasal turbinates with mild loss of turbinate architecture and concurrent asymmetry is noted. No evident mass effect is seen. A mild amount of hypoattenuating fluid accumulation is seen in the left frontal sinus and a minor amount of hypoattenuating fluid accumulation is seen in the right frontal sinus.

**SEX** Male The nasopharynx lumen is partially filled with ventral dependent hypoattenuating material, without rim-enhancement, on post-contrast series.

**AGE** 13 Years, 7 Months The tympanic bullae are entirely filled with a mix of soft tissue attenuating and hypoattenuating fluid material; however, predominantly hypoattenuating. Mildly heterogeneous contrast enhancing is seen more peripherally and mild hyperostosis is also seen on the left side. The retrobulbar spaces and globe are intact.

**INTERPRETED BY** Tilde Rodrigues Froes, DMV, MSc., Dr. Med Vet., Dipl. CBraRVet The cribriform plate is intact. No mass effect is seen in the brain. The temporomandibular joints are bilaterally congruent. All teeth are present. There is variable horizontal and vertical bone loss along the teeth.

**HOSPITAL NAME** Myerscough Veterinary Group The medial retropharyngeal lymph nodes are mildly thickened, bilaterally. The mandibular lymph nodes are normal.

**REFERRING VET** Roslind Mckenzie A thin, metallic line, causing artifact, is seen within the oral cavity throughout the oropharynx and cranial esophagus. Endotracheal tube is present.

**INVOICE** 57245 **COMPUTED TOMOGRAPHIC DIAGNOSIS**

- Bilateral mild to moderate chronic destructive rhinitis and fluid accumulation.
- Bilateral otitis media. Differential diagnosis is less likely tympanokeratoma because of mildly enhancing in the post-contrast series, however no clear mass effect is identified.
- Focal and irregular fluid accumulation or thickness, partially obstructing the lumen of the nasopharynx, no clear mass effect or polypoid enhancing mass were identified.
- Mild concurrent sinusitis
- Mild retropharyngeal lymphadenopathy, reactive.
- Periodontal disease.

**DATE** 3-3-23



**PATIENT**

Max Smith

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Bilateral destructive rhinitis, the primary differential diagnosis is fungal rhinitis. Other differentials include viral, and concurrent bacterial. An overlap between neoplasia and destructive rhinitis exists. Concurrent secondary nasal fluid accumulation. Nasal flush biopsy is suggested for confirmation.

**SPECIES**

Feline

An otoscopy exam is suggested for better analysis of the auditory canal.

**BREED**

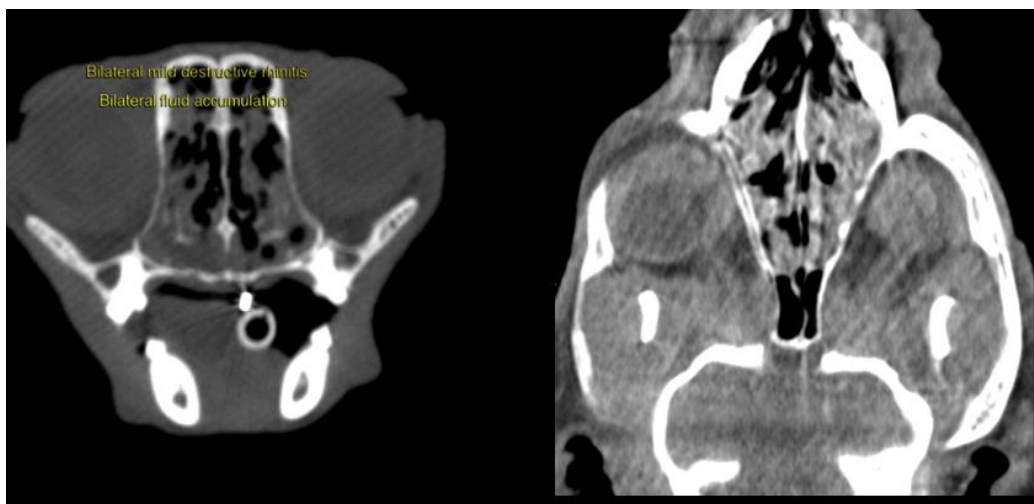
DSH

**SEX**

Male

**AGE**

13 Years, 7 Months



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**HOSPITAL NAME**

Myerscough Veterinary Group

**REFERRING VET**

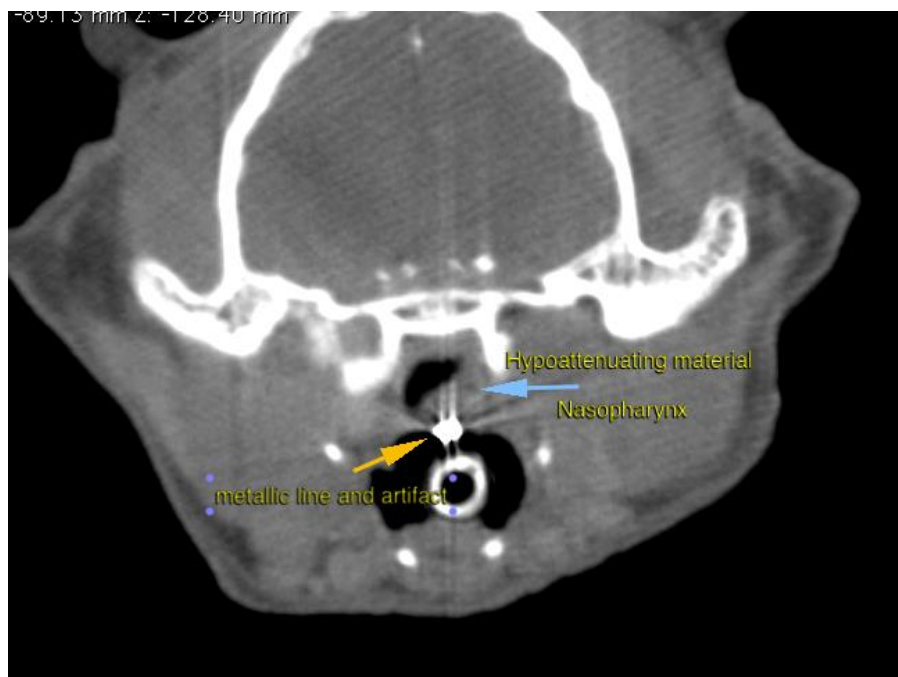
Roslind Mckenzie

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**PATIENT**

Max Smith

**SPECIES**

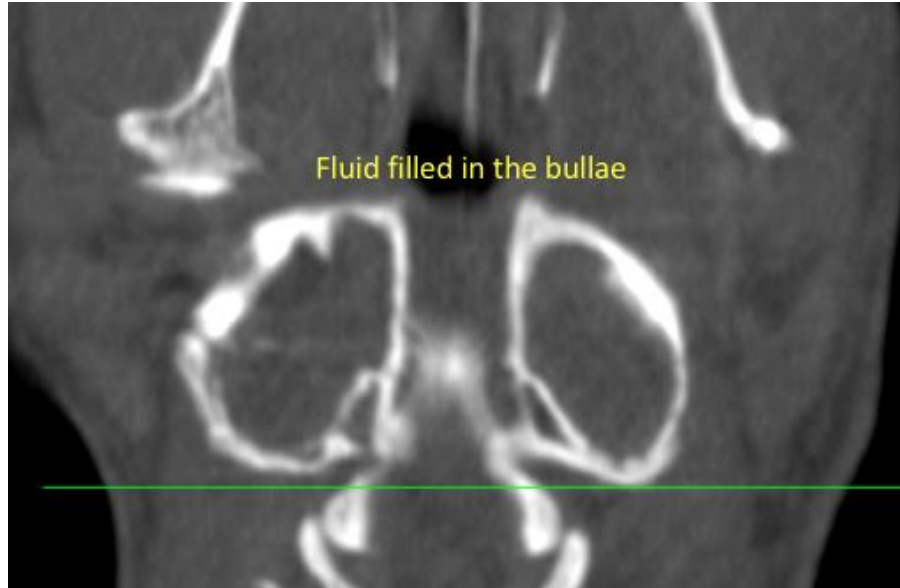
Feline

**BREED**

DSH

**SEX**

Male



**AGE**

13 Years, 7 Months

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.

**INTERPRETED BY**

Tilde Rodrigues Froes,  
DMV, MSc., Dr. Med  
Vet., Dipl. CBraRVet

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.

**Tilde Rodrigues Froes**, DMV, MSc., Dr. Med.Vet., Dipl.CBraRVet  
info@sonopath.com

**HOSPITAL NAME**

Myerscough  
Veterinary Group

**REFERRING VET**

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