


**PATIENT PRESENTING CLINICAL SIGNS**

**PATIENT** Sammy Manoogian  
**SPECIES** Canine  
**PRESENTING CLINICAL SIGNS** Pet presented for CT evaluation for intermittent nasal discharge for a year usually clear discharge, sometimes yellow/green clear discharge for 2-3 days sneezing-sounds like reverse sneeze per owner gags trouble getting comfortable at night because he can't breath through nose, not able to keep head down b/c he has to mouth breath. In October 2021 scoped nose and cultured-found ecoli went through course of antibiotics that cleared up but it came back e/d/u/d normal. In December 2020, found pseudomonas and laciencia adecarboxylata in lungs; treated with antibiotics. Previous history of MAST Cell Tumor inside upper lip.

**BREED COMPUTED TOMOGRAPHIC STUDY OF THE HEAD**

**BREED** Puggle  
 Plain and post-contrast studies available for review.

**COMPUTED TOMOGRAPHIC FINDINGS**

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

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.

**AGE** 11 Years  
 The salivary glands present within normal limits.

The dentition is incomplete. Severe periodontal space widening, advanced tooth root resorption and fragmentation is seen associated with the triadan #108. However, there is no evidence of a dental nasal fistula. Root remnants of the triadans #205, 206, 207 are seen.

**INTERPRETED BY**

**INTERPRETED BY** Nele Eley (Ondreka), DVM Dr. med. vet., DipECVDI  
 A moderate amount of fluid attenuating material is present within both nasal cavities. There is swelling of the mucosal lining of the nasal turbinate. Regional turbinate destruction is noted within the mid third of both nasal cavities. There is focal interruption and rightward deviation of the nasal septum. The frontal sinuses present within normal limits.

**HOSPITAL NAME** The mucosal lining of both maxillary sinuses is swollen.

**HOSPITAL NAME** Mobile Pet Imaging CFL  
 Mild swelling of the mucosal lining of both tympanic bullae with mild fluid accumulation is seen. The osseous wall of the bullae presents within normal limits.

Mild bilateral lateral ventriculomegaly of the brain is noted.

**REFERRING VET**

Dr. Borecky

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

- Moderate bilateral rhinitis with destructive component
- Mild bilateral otitis media
- Severe periodontal disease with apical alveolitis, root resorption and fragmentation of the triadan #108

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**INTERPRETATION OF FINDINGS & FURTHER RECOMMENDATIONS**

**DATE** 1/20/22  
 The CT study reveals chronic bilateral rhinitis with destructive component. Consider chronic bacterial or viral rhinitis. A potential early fungal rhinitis cannot be ruled out entirely. However, the changes are



**PATIENT** Sammy Manoogian not entirely typical for fungal rhinitis. Further definition by means of rhinoscopy with sampling for culture is strongly recommended if not performed already. Consider extraction of the triadan #108 and otoscopic workup.

**SPECIES**

Canine

**BREED**

Puggle

**SEX**

Neutered Male

**AGE**

11 Years



**INTERPRETED BY**

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

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.

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.

**HOSPITAL NAME**

Mobile Pet Imaging  
CFL

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