



PATIENT PRESENTING CLINICAL SIGNS

Nugget #6495ZI-CT
Morgan Pet Clinic
Anderson
Seen by RDVM 2/2022 for sneezing with blood - started antibiotic therapy with noted improvement. Issues returned 3/2022 - RDVM cultured *Pasturella* and started targeted antibiotics with low-dose steroid. 11/22 presented with cloudy eyes was referred to Ophthalmology with cataract diagnosis - 1/2023 RDVM completed COHAT and cultured under anesthesia *Pastuerella* sp, Beta-Hemo Strep/ *Bacteroides*, *Peptostreptococcus*. 1/16/23 - seen at ER for aspiration pneumonia. 1/27/23 - nasal drainage had returned - changed antibiotics with positive response reported - 6/2023 - still seeing nasal discharge with RDVM recommending CT with rhinoscopy.

SPECIES
Canine
Abnormal PE/Chem/CBC/UA Results: Prior to admission - CHEM/CBC with inflammatory response only - but patient with another round of antibiotics 1 week prior to imaging and 1 month post CHEM results

BREED COMPUTED TOMOGRAPHIC STUDY OF THE HEAD

Dachshund
A pre- and post-contrast CT study of the head are provided for review totaling 2 series. One pre-contrast series of the head, bone algorithm. One post-contrast series of the head, soft tissue algorithm.

SEX COMPUTED TOMOGRAPHIC FINDINGS

MN
There is regional, more rostral and ventral, loss of turbinate architecture causing regional destruction and atrophy, especially at the right nasal cavity, adjacent to the triadans 104 and 105. Also, a heterogeneous gas and soft tissue irregularly aggregated lesion is identified contiguously and with mild enhancement. The destructive lesion extends approximately 3.0cm length. The remainder of the right nasal cavity turbinates and left nasal cavity are normal. No evidence of mass effect in the nasal cavity.

INTERPRETED BY
Tilde Rodrigues Froes, DMV, MSc., Dr. Med Vet., Dipl. CBraRVet
There is mild to moderate horizontal and vertical bone loss along the maxilla and mandibula; resorptive lesions are more extensive adjacent to the triadan 104, with the identification of an oronasal fistula in this region, and it is correlated to regional nasal turbinate destruction. The triadans 301 and 401 are absent.

Minor hypoattenuating fluid accumulation is noted in the choana.

HOSPITAL NAME

Gentle Doctor Animal Hospitals
The nasopharynx and larynx are normal.

The cribriform plate is intact.

The frontal sinuses are unremarkable.

REFERRING VET

Pete Bashara, DVM
The bulla cavities and external auditory canals are normal.

No mass effect is seen in the brain, normal attenuation.

INVOICE

59771
The temporomandibular joints are bilaterally congruent.

The fascial, cervical, and head muscle mass is symmetrical, and unremarkable.

The globes and retrobulbar spaces are unremarkable.

DATE

8-17-23



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The medial retropharyngeal lymph nodes and mandibular lymph nodes are unremarkable.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Mild to moderate, regional, right sided destructive rhinitis, mild fluid accumulation, turbinate atrophy, and aggregated inflammatory material. The lesion corresponds with a contiguous oronasal fistula correlated to the triadans 104 and 105, concurrent bacterial contamination. The differential diagnosis includes fungal rhinitis.
- Diffuse periodontal disease, more exacerbated reabsorption adjacent to the triadans 104 and 105, with concurrent oronasal communication (104).

SPECIES

Canine

BREED

Dachshund

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

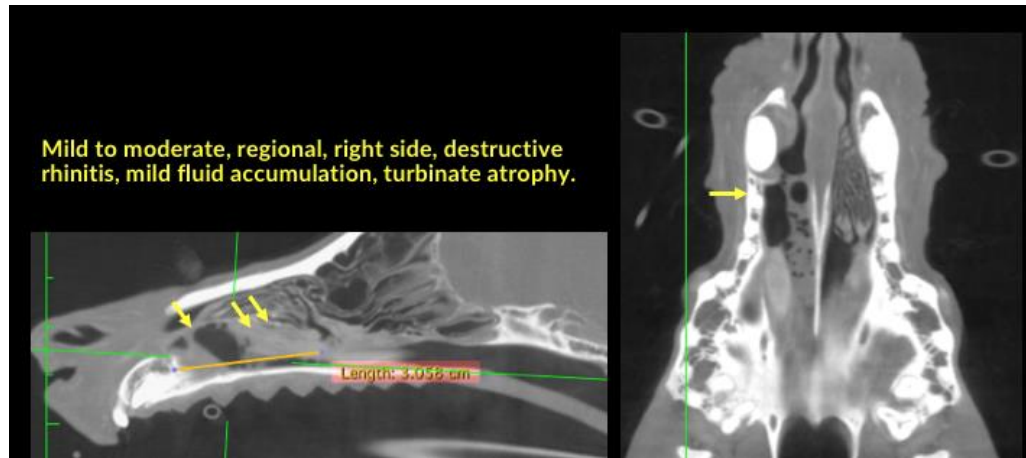
Inflammatory/infectious regionally destructive rhinitis is identified, and likely correlated to the oronasal fistula adjacent with the triadan 104. Consider repeating the odontology treatment in association with the management of the rhinitis. Fungal rhinitis is considered also as a differential diagnosis; other types of rhinitis, for example, lymphocytic plasmocytic rhinitis, allergic rhinitis, viral rhinitis is less likely cogitated.

SEX

MN

AGE

9 Years, 5 Months



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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

Canine

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

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