



PATIENT

Sweet Pea Doser

SPECIES

Feline

BREED

DSH

SEX

Female Spayed

AGE

14Y

WEIGHT

4.48kg

INTERPRETED BY

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

IMAGING PERFORMED BY

Mountain West
Veterinary Specialists

HOSPITAL NAME

Mountain West
Veterinary Specialists

REFERRING VET

Melanie Thompson

INVOICE

74266

DATE

3-18-26

PRESENTING CLINICAL SIGNS

- Sneezing with blood – Date first noted 1/23/2026. Initially noted with weight loss. Persisted through 2/25/2026, at which time wheezing was also noted.
- Greatly reduced airflow from both nasal passages on exam pre-CT

COMPUTED TOMOGRAPHIC STUDY OF THE HEAD

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 bone algorithm.

COMPUTED TOMOGRAPHIC FINDINGS

HEAD

There is a moderate amount of mixed attenuation material (fluid and discrete mineral foci) within the right nasal cavity and right frontal sinus. This is associated with moderate loss of turbinate architecture.

Focal thinning and small areas of osteolysis are identified affecting the medial wall of the right orbit.

All teeth are absent. Residual dental root fragments are present. There is diffuse alveolar bone resorption affecting the maxilla and mandible, more pronounced in the right maxilla, where small regions of oronasal communication are observed.

The left nasal cavity and frontal sinus is air-filled and within normal limits.

The cribriform plate is intact.

The nasopharynx and soft palate are unremarkable.

The tympanic bullae and external auditory canals are within normal limits.

The globes and retrobulbar spaces are unremarkable.

The mandibular, parotid, and zygomatic salivary glands are within normal limits.

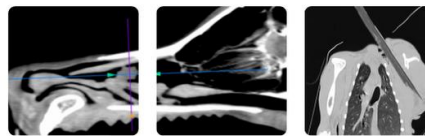
The temporomandibular joints are bilaterally congruent.

No intracranial mass effect or abnormal attenuation is identified.

The medial retropharyngeal and mandibular lymph nodes are within normal limits.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Severe chronic dental disease with diffuse residual alveolar bone resorption, retained root fragments, and oronasal fistula formation, more pronounced in the right maxilla.
- Right-sided destructive rhinosinusitis characterized by turbinate loss, fluid/material accumulation, and discrete focal orbital wall osteolysis. Differential diagnoses include infectious rhinitis (fungal, viral and/or chronic secondary bacterial), dental-associated rhinitis (ornasal fistula-related), although neoplasia cannot be completely excluded.
- All teeth are absent.



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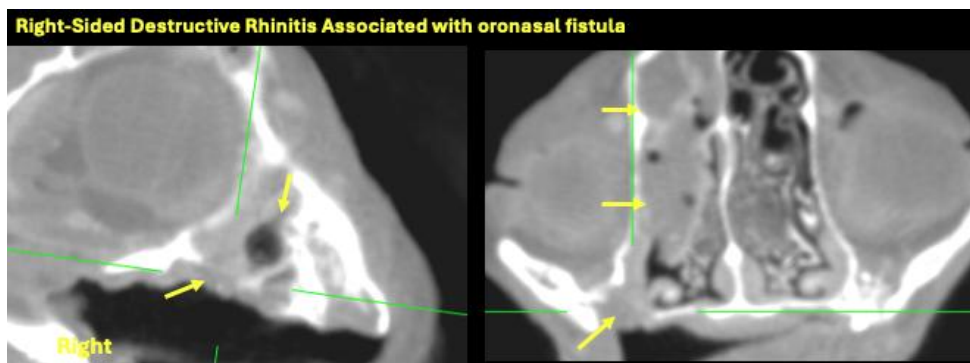
INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT findings demonstrate a unilateral, right-sided destructive rhinosinusitis with concurrent severe dental and residual alveolar disease. The presence of turbinate lysis and focal bone destruction indicates a more exacerbated process, possible inflammatory/ infectious rhinitis, particularly fungal disease, potentially compounded by chronic dental pathology (osteomyelitis) and oronasal fistulation.

An oral evaluation and appropriate management of the oronasal fistulas are recommended.

Rhinoscopy with targeted biopsy and/or nasal flushing for cytology, histopathology, and culture (including fungal testing) is also recommended.

It is important to consider that there is often overlap between severe inflammatory rhinitis on CT and neoplasia, particularly nasal lymphoma; therefore, this differential diagnosis should be considered.





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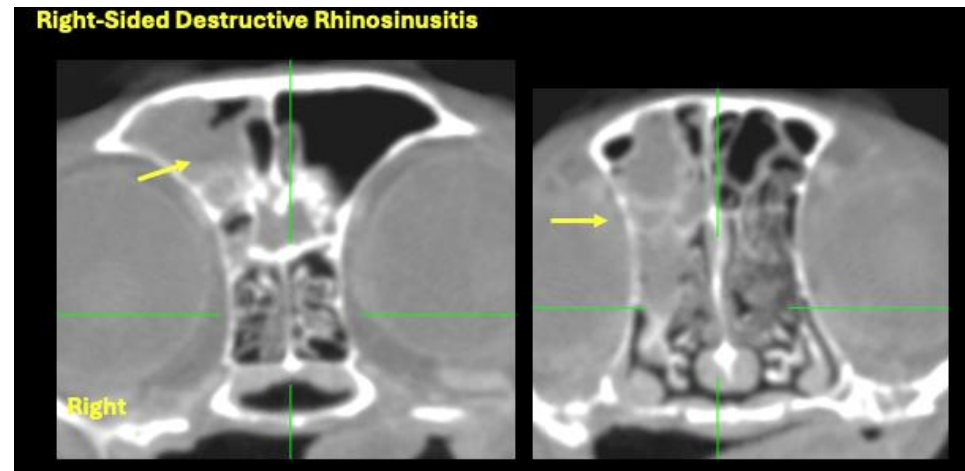
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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