



## PATIENT PRESENTING CLINICAL SIGNS

**Bailey Hansen** Nasal problems started around 4 months ago. Constant nasal discharge out of right nostril going from runny infection to thicker yellow discharge mixed with some blood to full-on bloody nose. Sneezes a lot, leading to bloody discharge. Barking can also cause the right nasal bleeding,

## SPECIES COMPUTED TOMOGRAPHIC STUDY OF THE HEAD

**Canine** Plain and post contrast studies are available for review.

## BREED COMPUTED TOMOGRAPHIC FINDINGS

**Doodle** Severe chronic destructive right-sided rhinosinusitis characterized by extensive fluid attenuating material and mucosal swelling in the right nasal cavity and frontal sinus with associated turbinate distraction and diffuse osseous lysis as seen. Mild mucosal swelling is also present within the left nasal cavity without significant destructive change. There is no evidence of a soft tissue mass or radiopaque foreign material. The cribriform plate is intact.

## SEX

**FS**

The brain presents no deviation from normal anatomy and symmetry. The grey and white matter distinction and the neuroparenchyma attenuation are as expected. The distribution of contrast enhancement is within normal limits throughout the parenchyma and meninges. The ventricular system is non-dilated and within the limits of the expected volume and symmetry.

## AGE

**3yr**

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

## INTERPRETED BY

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

Both tympanic bullae are aerated, the mucosal lining is not seen, the bony wall is smooth and thin. The external auditory meatuses present within normal limits.

The salivary glands present within normal limits.

The visible dentition is within normal limits.

Mild enlargement of the right retropharyngeal lymph node is noted.

## HOSPITAL NAME

**Mountain West  
Veterinary Specialists**

## COMPUTED TOMOGRAPHIC DIAGNOSIS

- Predominantly right-sided chronic destructive rhinosinusitis
- Mild right retropharyngeal lymphadenomegaly compatible with reactive change

## REFERRING VET

**Melanie Thompson**

## INTERPRETATION OF FINDINGS & FURTHER RECOMMENDATIONS

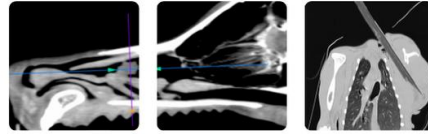
**INVOICE** The findings are most concerning for an aggressive chronic inflammatory / infectious process such as fungal rhinitis vs less likely bacterial infection or lymphoplasmacytic inflammation. There is no structural evidence for nasal neoplasia.

**24949**

## DATE

Rhinoscopy with targeted biopsy and sampling for culture / cytology is recommended if not performed already. Consider fungal testing and submission for histopathology. Consider FNA of the right retropharyngeal lymph node for further definition as well.

**05/26/2026**



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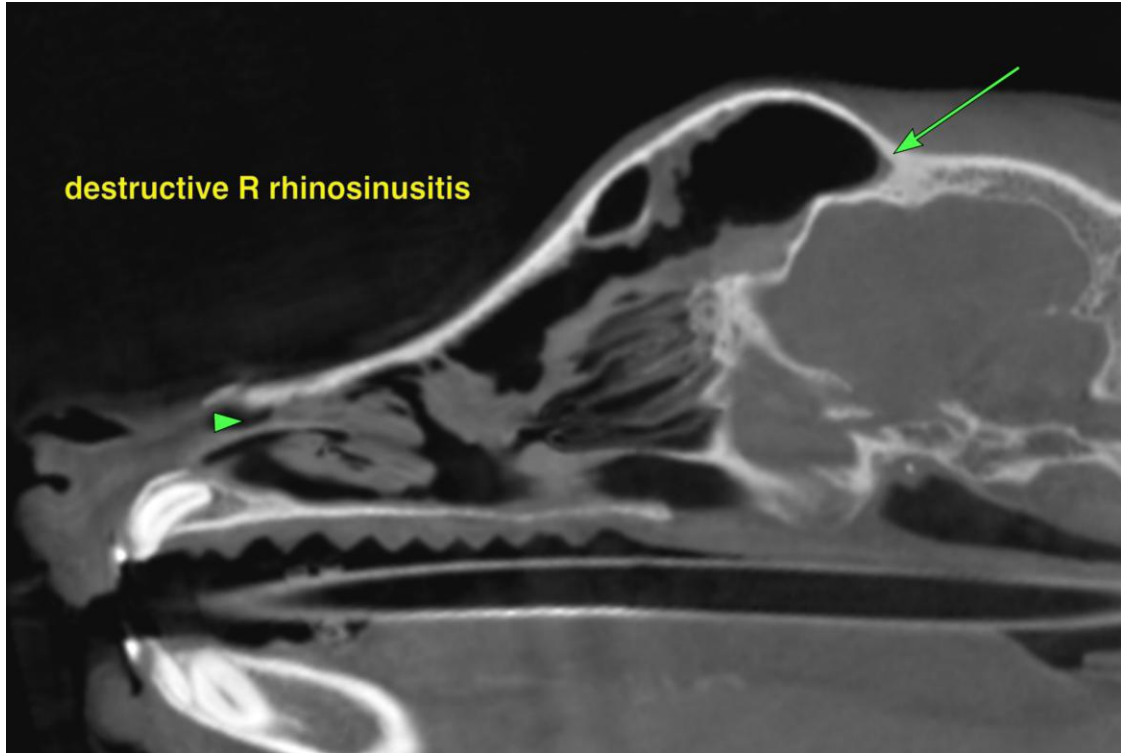
Melanie Thompson

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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.

Nele Eley (Ondreka), DVM, Dr. med. vet., DipECVDI  
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Senior lecturer University of Giessen/Germany, Veterinary Faculty, Department of Radiology.  
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