



PATIENT

Leroy Reed

SPECIES

Canine

BREED

Pointer Mix

SEX

Male Neutered

AGE

11Y

WEIGHT

38kg

INTERPRETED BY

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

IMAGING PERFORMED BY

John Davies

HOSPITAL NAME

Northstar Veterinary
Surgery

REFERRING VET

John Davies

INVOICE

75236

DATE

6-1-26

PRESENTING CLINICAL SIGNS

2-3 month history of drainage - sometimes bloody from right nostril. Progressively getting worse. CT shows marked loss of nasal turbinates, appears to be some bone destruction of the frontal sinus. Ddx neoplasia vs fungal. Biopsies collected post CT, no obvious mass effects observed. Representative sample of abnormal turbinates.

COMPUTED TOMOGRAPHIC STUDY OF THE HEAD

Plain and post contrast studies are available for review.

COMPUTED TOMOGRAPHIC FINDINGS

Severe unilateral disease affecting the right nasal cavity and right nasal sinus are seen. Extensive destruction of the right nasal turbinates combined with extensive mucosal swelling and osseous sclerosis are seen throughout the right nasal cavity. Mild osseous remodeling and hyperostosis of the right frontal sinus are present with extensive soft tissue attenuating polypoid proliferations within the right frontal sinus. The cribriform plate remains intact. The left nasal cavity and left frontal sinus present within normal limits. There is no evidence of intranasal soft tissue mass or radiopaque foreign material.

No relevant dental lesions are noted.

Mild enlargement of the right retropharyngeal lymph node is seen. The submandibular lymph nodes present within normal limits.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Severe unilateral chronic destructive rhinosinusitis of the right nasal cavity and right frontal sinus.
- Mild right retropharyngeal lymphadenopathy likely reactive.
- Intact cribriform plate without evidence of intracranial extension.

INTERPRETATION OF FINDINGS & FURTHER RECOMMENDATIONS

The imaging findings are most consistent with fungal rhinitis, in particular nasal aspergillosis given the marked unilateral turbinate destruction and extensive cavitary changes. Other infection, inflammatory rhinitis, and neoplasia are all considered highly unlikely based on the CT findings.

The mild right retropharyngeal lymphadenopathy is most likely reactive.

Histopathologic evaluation of the collected biopsy samples is recommended as well as fungal culture and/or fungal PCR, if available. Correlation with rhinoscopic findings is recommended as well.



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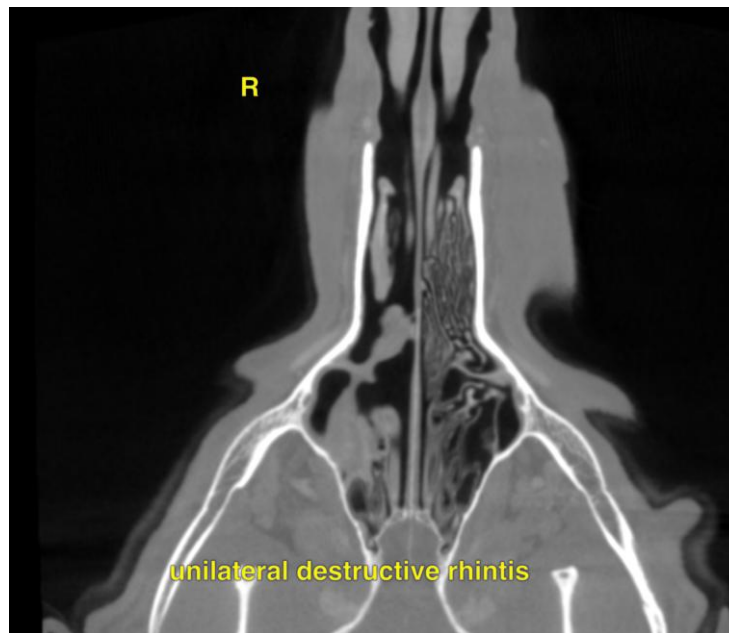
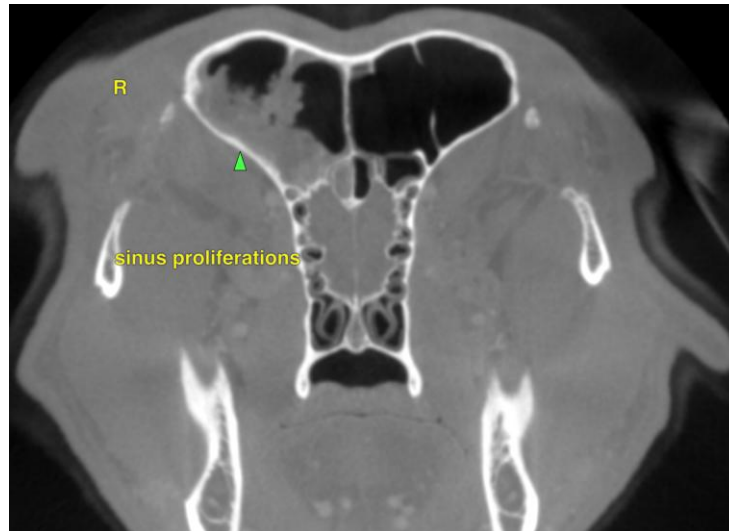
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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