



PATIENT PRESENTING CLINICAL SIGNS

Maxine Nalder Unilateral mucoid nasal discharge w occasional epistaxis that has been responsive to doxy and clavamox. Questionable opacity in the thoracic radiographs.
Abnormal PE/Chem/CBC/UA Results: Unremarkable labs and coags.

SPECIES COMPUTED TOMOGRAPHIC STUDY OF THE HEAD & THORAX

Canine Plain and post contrast studies of the head and post contrast study of the thorax available for review.

BREED COMPUTED TOMOGRAPHIC FINDINGS

Lab Mix **Head**

The brain presents no deviation from normal anatomy and symmetry. The grey and white matter distinction and the neuroparenchymal 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.

SEX
Female Spayed
AGE
7 Years
Extensive turbinate destruction is seen within the mid and caudal third of the left nasal cavity. There is moderate swelling of the mucosal lining of the turbinates and nasal cavity. Multifocal bone erosion and sclerosis of the left nasal and frontal bones is seen. The left frontal sinus presents hyperostosis, bone erosion, mucosal swelling, and presence of irregular hypoattenuating material. The right nasal cavity and frontal sinus presents within normal limits.

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

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 left medial retropharyngeal lymph node is mildly enlarged.

HOSPITAL NAME The salivary glands present within normal limits.

Mobile Pet Imaging The visible dentition is within normal limits.

Thorax

REFERRING VET The bony and surrounding soft tissue structures are within normal limits.

Meaux The sternal, cranial mediastinal and tracheobronchial lymph nodes are small elongated with a normal short-to-long-axis-ratio is < 0.5, the attenuation and contrast enhancement pattern are uniform and considered within normal limits.

INVOICE 51513 The cardiovascular structures including the pulmonary vasculature are within normal limits.

DATE The bronchial tree presents with regular branching and tapers uniformly towards the periphery as expected, the bronchial walls are thin and smooth. The bronchus-to-artery ratio is within normal limits.

4-13-22



PATIENT The lung parenchyma presents the expected architecture and attenuation behavior.

Maxine Nalder Small incidental gas pockets are seen within the esophageal lumen, there is no evidence of abnormal dilation.

SPECIES **COMPUTED TOMOGRAPHIC DIAGNOSIS**

- Canine
- Unilateral chronic destructive rhinosinusitis - left sided.
 - Left medial retropharyngeal lymphadenomegaly.
 - Structurally normal CT study of the thorax.

BREED **INTERPRETATION OF FINDINGS & FURTHER RECOMMENDATIONS**

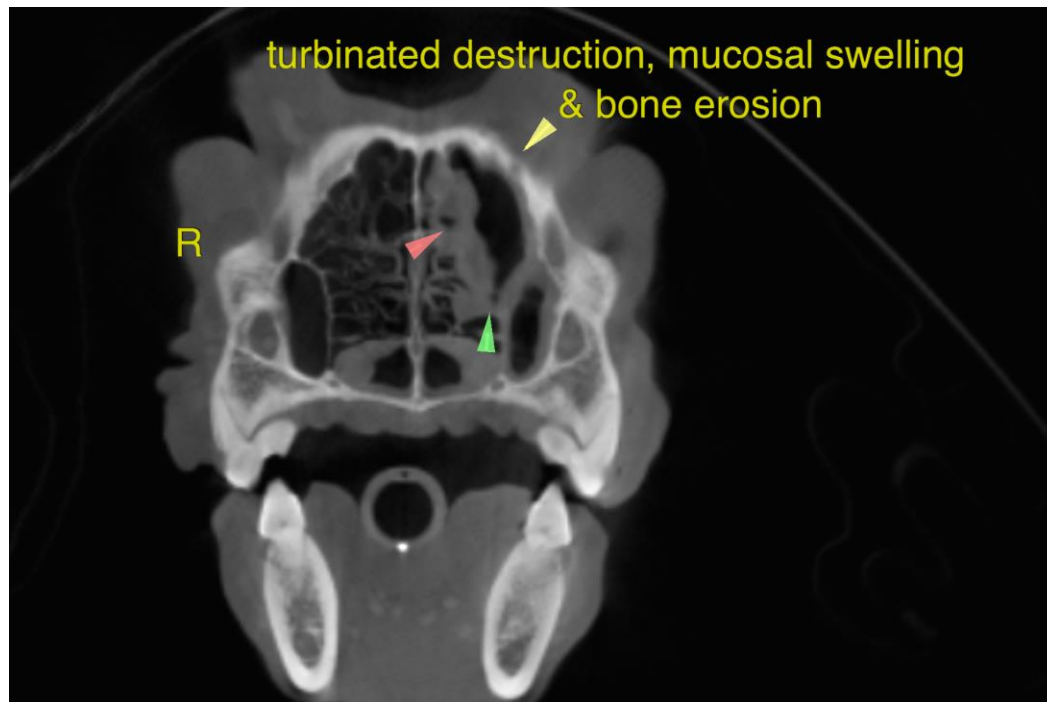
Lab Mix The CT study reveals presence of left sided chronic destructive rhinosinusitis. Fungal rhinosinusitis secondary to aspergillus infection is considered by far most likely. Other fungal infection and bacterial infection cannot be ruled out entirely but is highly unlikely based on the CT findings. Consider further definition by means of endoscopy with sampling for culture and histology if not performed already.

SEX

Female Spayed The lymph node changes are compatible with reactive hyperplasia/lymphadenitis. No evidence of bronchopulmonary or mediastinal pathology was found in the CT study of the thorax.

AGE

7 Years



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DVM Dr. med. vet.,
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Meaux

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**PATIENT**

Maxine Nalder

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.

BREED

Lab Mix

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SEX

Female Spayed

AGE

7 Years

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