



PATIENT

Seamus Vieira

PRESENTING CLINICAL SIGNS

Chronic upper respiratory issues since being adopted. Has been treated with multiple courses of antibiotics with no improvement. Previous vet performed skull radiographs and was concerned for a congenital sinus issue. Referred to us for CT

SPECIES

Feline

Abnormal PE/Chem/CBC/UA Results: mild eosinophilia, otherwise unremarkable bloodwork 1+ ketones on UA but not repeatable on dipstick on day of CT

BREED

Siamese Mix

COMPUTED TOMOGRAPHIC STUDY OF THE HEAD

Plain and post contrast studies available for review.

SEX

MN

COMPUTED TOMOGRAPHIC FINDINGS

A large amount of fluid attenuating material is present within both nasal cavities. There is severe turbinate destruction within both nasal cavities. Leftward deviation of the nasal septum, thinning, and multifocal hyperostosis of the nasal bones as well as osseous distortion of the nasal bones is seen resulting in significant right/left asymmetry. The frontal sinuses present hyperostosis. The right frontal sinus presents moderate swelling of its mucosal lining. The left frontal sinus is filled with fluid attenuating material. The cribriform plate is intact. The nasal fundus and nasopharynx contain a large amount of fluid attenuating material. No nasopharyngeal stenosis is noted.

AGE

7 Months

The left and right submandibular and medial retropharyngeal lymph nodes present moderate symmetric enlargement with heterogeneous contrast enhancement.

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Moderate to severe bilateral chronic destructive rhinosinusitis with calvarial hyperostosis.
- Moderate bilateral retropharyngeal and submandibular lymphadenomegaly.

HOSPITAL NAME

Animal Health Care
Denver

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT findings are compatible with bilateral chronic destructive rhinosinusitis. Differential diagnosis includes fungal rhinosinusitis such as cryptococcus or aspergillus. Chronic bacterial or viral infection cannot be ruled out entirely but is thought by far less likely. Lymphoplasmacytic is thought unlikely as well.

REFERRING VET

Nikki D'Anna

The lymph node changes are compatible with regional lymphadenitis.

Consider further definition by means of endoscopy with sampling for bacterial and fungal culture if not performed already. Fine needle aspiration of the lymph nodes could be considered for further definition as well.

INVOICE

55460

DATE

11-29-22



PATIENT

Seamus Vieira

SPECIES

Feline

BREED

Siamese Mix

SEX

MN

AGE

7 Months

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

HOSPITAL NAME

Animal Health Care
Denver

REFERRING VET

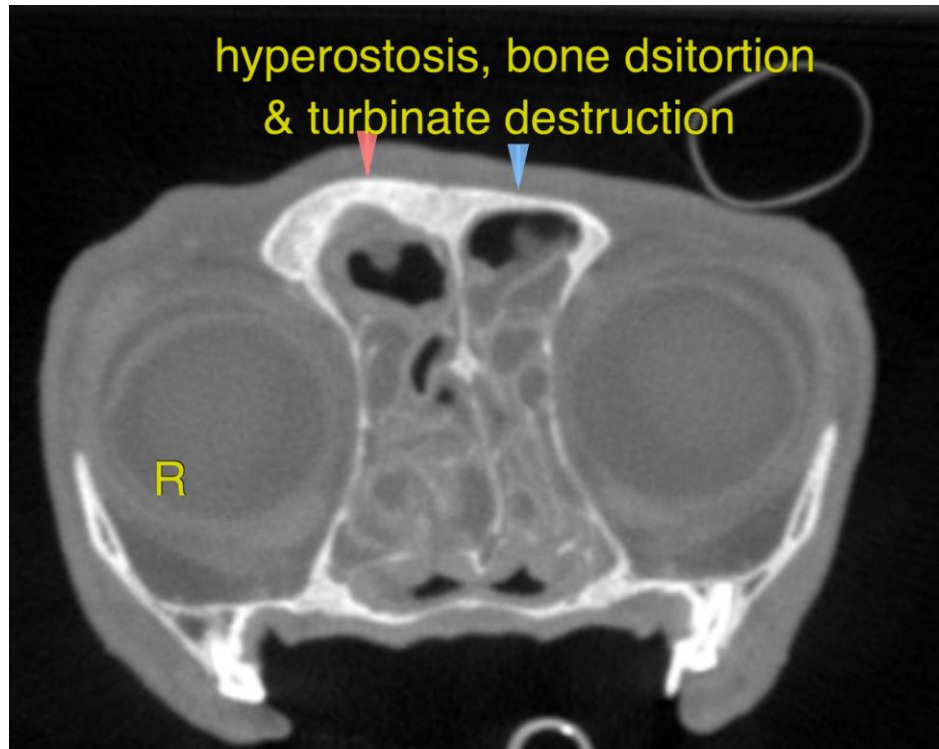
Nikki D'Anna

INVOICE

55460

DATE

11-29-22



The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. 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, DVM, Dr. med. vet., DipECVDI
European Specialist in Veterinary Diagnostic Imaging, Cert. Radiology,
Senior lecturer University of Giessen, Germany, Veterinary Faculty, Department of Radiology
Nele.Eley@sonopath.com