



PATIENT

Saiya Van Tiggelen

PRESENTING CLINICAL SIGNS

presented for chronic nasal discharge/congestion and sneezing.
Abnormal PE/Chem/CBC/UA Results: normal

SPECIES

Canine

COMPUTED TOMOGRAPHIC STUDY OF THE HEAD & THORAX

Plain and post contrast studies of the head & thorax are available for review.

BREED

Standard Poodle

COMPUTED TOMOGRAPHIC FINDINGS

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

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Extensive regional turbinate destruction is seen within the rostral and mid thirds of the right nasal cavity. Focal interruption of the nasal septum is seen within the mid third of the nasal cavities with mild regional turbinate destruction extending into the left nasal cavity. No acute signs of inflammation are seen at this point. There is no evidence of fluid accumulation or mucosal swelling. No foreign material can be seen; however, the assessment is limited because of the presence of burnout artifact. No frontal sinus involvement is seen.

AGE

3

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

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

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.

HOSPITAL NAME

Northeast Veterinary
Referral Hospital

Mild enlargement of the bilateral submandibular and medial retropharyngeal lymph nodes are noted.

The salivary glands present within normal limits.

The visible dentition is within normal limits.

REFERRING VET

Dr. Runde

Thorax

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

INVOICE

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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.

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

DATE

7-5-23

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.



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The lung parenchyma presents the expected architecture and attenuation behavior.

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

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COMPUTED TOMOGRAPHIC DIAGNOSIS

- Destructive rhinitis of the right nasal cavity with regional turbinate destruction and focal interruption of the nasal septum.
- Mild bilaterally symmetric submandibular and medial retropharyngeal lymphadenomegaly.

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT study reveals complete turbinate destruction within the rostral and mid third of the right nasal cavity. Focal interruption of the nasal septum and mild turbinate destruction within the left nasal cavity are seen within the mid third of the nose as well. The lack of signs of acute inflammation is somewhat atypical, nevertheless, chronic fungal rhinitis such as with aspergillus or cryptococcus infection is considered most likely. Regional turbinate necrosis secondary to prior injury with or without foreign material and less likely prior radiative treatment or other cannot be ruled out entirely. Consider further definition by means of rhinoscopy with sampling.

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The lymph node changes are compatible with mild reactive hyperplasia.

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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.

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

Standard Poodle

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