



**PATIENT**

Shea Boussidan

**PRESENTING CLINICAL SIGNS**

Shea presented for sneezing and bloody nasal discharge on right nostril first noted September 2021 The patient improved on prednisolone

**SPECIES**

Feline

**COMPUTED TOMOGRAPHIC STUDY OF THE HEAD & THORAX**

Post-contrast studies available for review.

**BREED**

DLH

**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**

FS

Mild bilateral mucosal swelling is seen within the nasal cavities accentuating their mid third. There is no evidence of turbinate destruction. Mild fluid accumulation is noted. No evidence of a discreet mass, foreign material, or dental fistula is identified. The frontal sinuses present within normal limits. There is mild concurrent nasopharyngeal soft tissue swelling.

**AGE**

13

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

**INTERPRETED BY**

Nele Eley, 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 submandibular and medial retropharyngeal lymph nodes are small and elongated with a normal short-to-long-axis-ratio is < 0.5, the attenuation and contrast enhancement pattern is uniform.

**HOSPITAL NAME**

Animal Surgical  
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The salivary glands present within normal limits.

The dentition is incomplete with multiple absent molars and premolars except for inert tooth roots and moderate horizontal atrophy of the alveolar crest seen in all quadrants.

**REFERRING VET**

Dr. Inferuso

**Thorax**

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**

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

**DATE**

12-14-21

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.

The lung parenchyma presents the expected architecture and attenuation behavior.



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

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

- Mild bilateral nondestructive rhinitis and nasopharyngitis.

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**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

**BREED**

DLH

The CT study reveals evidence of mild bilateral nondestructive rhinitis with concurrent nasopharyngitis. There is no evidence of a soft tissue mass, foreign material, or turbinate destruction. Allergic/lymphoplasmacytic and infectious rhinitis are a potential including viral, bacterial, and mixed infections. Further definition by means of airway endoscopy with airway sampling could be considered.

**SEX**

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The CT study of the lung and bronchial tree was within age related normal limits.

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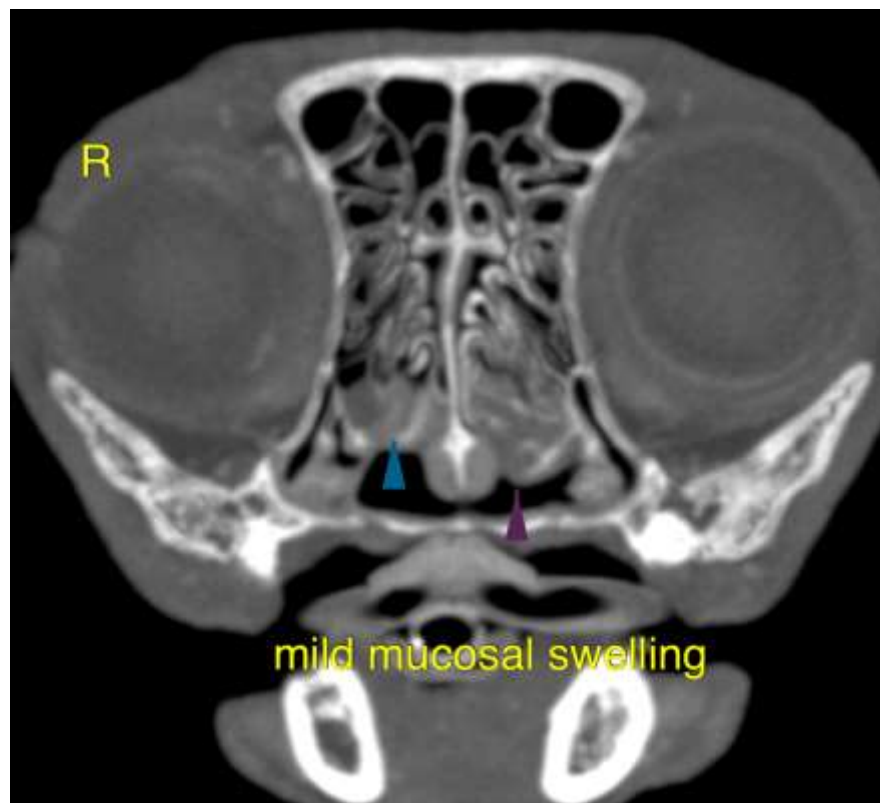
Dr. Infernuso

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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.

**SPECIES**

Feline

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.

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