


PATIENT PRESENTING CLINICAL SIGNS

Skie Aziz History of unilateral right-sided nasal discharge - mucoid. Stertor and reverse sneezing too. Developed following dental procedure. Concern for fungal (aspergillus) vs neoplasia vs other

SPECIES Abnormal PE/Chem/CBC/UA Results: Stertor and reverse sneezing on exam. Normal blood work

Canine

COMPUTED TOMOGRAPHIC STUDY OF THE HEAD & THORAX

Plain and post-contrast studies in soft tissue and bone windows of the head, plain and post-contrast studies in lung and soft tissue windows of the thorax.

BREED

Husky

COMPUTED TOMOGRAPHIC FINDINGS
Head

Extensive turbinate destruction is seen in the mid and caudal thirds of the right nasal cavity. The cribriform plate is intact. Thinning of the nasal bones is noted. There is mild multifocal regional mucosal swelling within the right nasal cavity. The right frontal sinus is filled with fluid attenuating contrast negative material. Hyperostosis of the external lamina with significant porosity is seen in the right frontal sinus. There is no evidence of foreign material. Mild mucosal swelling and mild fluid accumulation is seen within the left nasal cavity and left frontal sinus.

AGE

12 Years 8 Months

The right retropharyngeal and submandibular lymph nodes are mildly enlarged.

The dentition is incomplete with multiple resorptive changes.

INTERPRETED BY

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

Thorax

The left lobe of the thyroid gland is enlarged with mass effect, strong heterogeneous contrast enhancement with peripheral accentuation, and measures approximately 3.8 cm x 1.3 cm.

The right thyroid lobe presents within normal limits. The regional lymph nodes present within normal limits.

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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 is uniform and considered within normal limits.

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

REFERRING VET

Dr. Ashley Gold

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.

Occasional faintly hyperenhancing small splenic nodules are seen.

DATE

8/8/23


PATIENT

Skie Aziz

SPECIES

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BREED

Husky

SEX

Spayed Female

AGE

12 Years 8 Months

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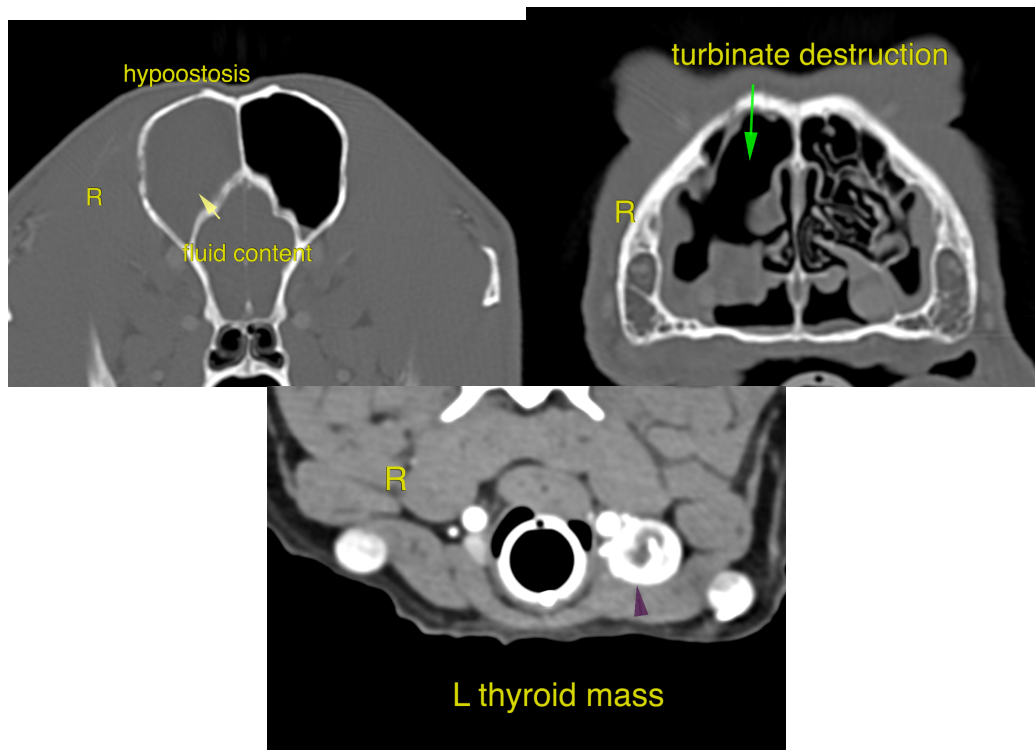
8/8/23

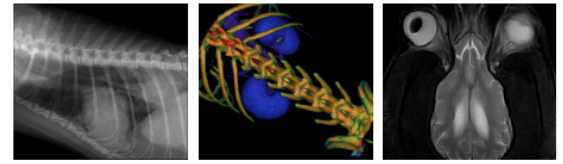
COMPUTED TOMOGRAPHIC DIAGNOSIS

- Chronic unilateral right-sided destructive rhinosinusitis
- Mild right medial retropharyngeal and submandibular lymphadenomegaly
- Mass of the left thyroid lobe
- No evidence of bronchopulmonary disease
- Splenic nodules

INTERPRETATION OF FINDINGS & FURTHER RECOMMENDATIONS

The CT study reveals destructive right-sided rhinosinusitis. The findings of the frontal sinus suggest concurrent empyema of the right frontal sinus. Fungal rhinosinusitis such as aspergillus infection is considered most likely. The findings are not typical for bacterial rhinitis. There is no evidence of neoplasia or foreign material. Further verification by means of rhinoscopy with sampling could be considered if not already performed. The cribriform plate is intact. At this time, the lymph node changes are compatible with reactive lymphadenitis. Note the presence of a left-sided thyroid mass. Differential diagnosis primarily includes adenocarcinoma as well as adenoma. No peripheral tissue infiltration and no evidence of lymph node or lung metastases seen at this point.





PATIENT 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.

Skie Aziz

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

Husky

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Spayed Female

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