



PATIENT

Gracie Mooney

PRESENTING CLINICAL SIGNS

Pt presented on 09/30 for not getting better since her first visit on the 20th of September, still coughing per O. No vomiting or diarrhea, has been having trouble getting her to eat so to get her to take her medications, O gives it with tortillas with butter on it, small pieces of jerky, or ice cream, last dose of medications was last night. Meds: doxycycline & cough tabs, not finished with either. Pet's coughing and sneezing has gotten worse. Also seems out of it and less willing to eat. Mass felt on throat. Radiographs reveal mass behind larynx. ALT values elevated 1.199 (was 503 in 2012). Doing CT to check for liver disease and to determine nature of throat mass.

SPECIES

Canine

BREED

Shih Tzu Mix

COMPUTED TOMOGRAPHIC STUDY OF THE HEAD, NECK, THORAX, & ABDOMEN

Plain and post contrast studies available for review.

COMPUTED TOMOGRAPHIC FINDINGS

SEX

Spayed Female

Abdomen

The serosal fat presents normal attenuation behavior. There is no evidence of peritoneal effusion or peritonitis.

AGE

12 Years, 1 Month

Both kidneys present within normal limits for size, shape and organ architecture. After contrast administration a bilaterally symmetric and uniform nephro- and pyelogram is noted.

The adrenal glands are within normal limits for size, shape and organ architecture.

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

Both liver and spleen present with normal shape, even surface, uniformly attenuating parenchyma and homogeneous contrast enhancement, unremarkable.

The pancreas is evenly contoured, the pancreatic parenchyma is homogeneous and presents uniform contrast enhancement.

HOSPITAL NAME

Neel Veterinary
Hospital

The position, delineation, wall and content of the gastrointestinal tract are considered within normal limits throughout.

The bony and surrounding soft tissue structures reveal no abnormalities.

REFERRING VET

Dr. William Womble

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

10-5-21

Multifocal regional peripheral saccular bronchiectasis is seen in combination with subpleural interstitial scarring in the right and left cranial lung lobes. Small gas filled cavitory lesions are seen in the pulmonary parenchyma and subpleural space in the same regions.



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Moderate generalized bronchial wall enhancement is seen with even distribution throughout the lung.

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

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Neck

Moderate generalized thickening of the laryngeal soft tissues is seen.

BREED

Shih Tzu Mix

There is moderate and symmetric bilateral medial retropharyngeal lymphadenomegaly with heterogeneous contrast enhancement.

Both lobes of the thyroid gland are seen and present within normal limits.

SEX

Spayed Female

No other solid mass is seen in the neck.

Head

AGE

12 Years, 1 Month

The dentition is incomplete. Severe apical periodontal space widening is seen level with the Triadan 108, a root remnant of the Triadan 208, and Triadans 109 and 209.

The nasal cavity presents the expected aerated spaces between thin & even conchae and turbinates with smooth mucosal lining.

INTERPRETED BY

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

The tympanic bullae are aerated, the mucosal lining is not seen, and the bony wall is smooth and thin. The external ear canals are within normal limits.

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The brain presents no deviation from normal anatomy and symmetry. The brain parenchyma is homogeneous and within normal limits for attenuation and distribution of contrast enhancement. The ventricular system is non-dilated and symmetric.

REFERRING VET

Dr. William Womble

The submandibular and medial retropharyngeal lymph nodes are small and elongated with a normal short-to-long-axis-ratio of < 0.5. The attenuation and contrast enhancement pattern are uniform.

COMPUTED TOMOGRAPHIC DIAGNOSIS

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- Chronic lower airway disease with bronchiectasis, pulmonary bullae, and blebs as well as multifocal interstitial scarring.
- Generalized laryngeal soft tissue swelling with regional lymphadenomegaly.
- Periodontal disease accentuating the Triadans 108, 109, 209, and remnant of 208.

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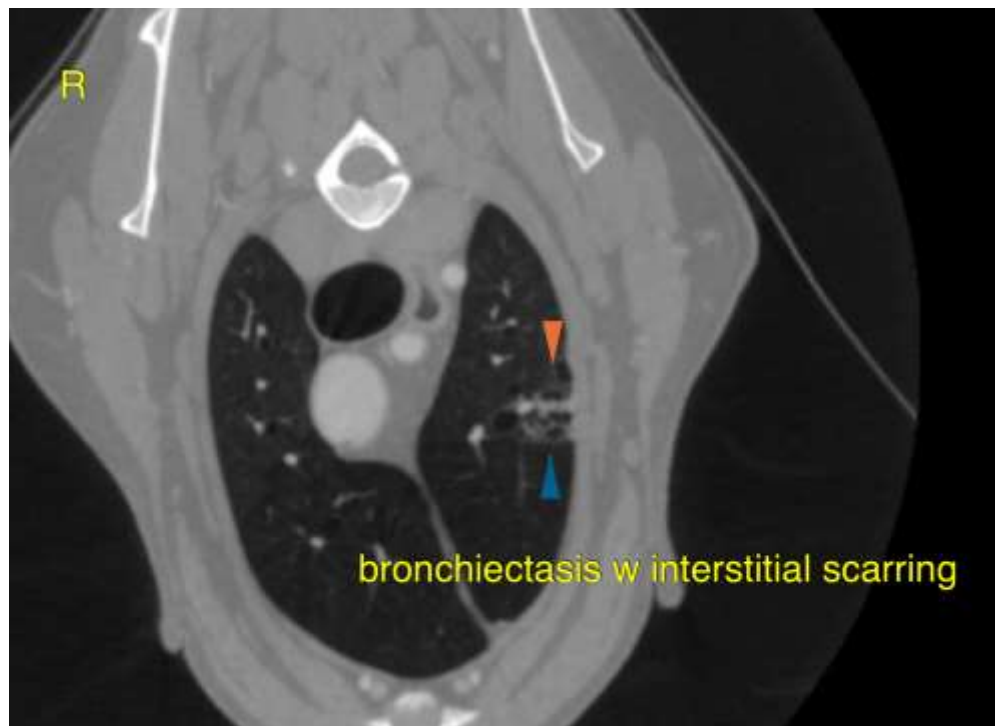
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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT findings support the presence of chronic lower airway disease with bronchiectasis and interstitial scarring. Moreover, regional emphysematous changes of the pulmonary parenchyma are represented by clusters of small bullae and blebs which underlines the presence of reduced pulmonary compliance. Consider allergic / irritant bronchopneumopathy versus infectious bronchitis such as viral, bacterial, and less likely parasitic or protozoal.

Differential diagnosis for the diffuse laryngeal thickening includes laryngeal edema as well as laryngitis. Functional abnormality cannot be ruled out. The regional lymphadenomegaly is suggestive for reactive hyperplasia. The findings are not typical for a neoplastic infiltrate. Consider fine needle aspiration for further definition as well as upper and lower airway endoscopy with airway sampling.

Dental workup should be considered as well.





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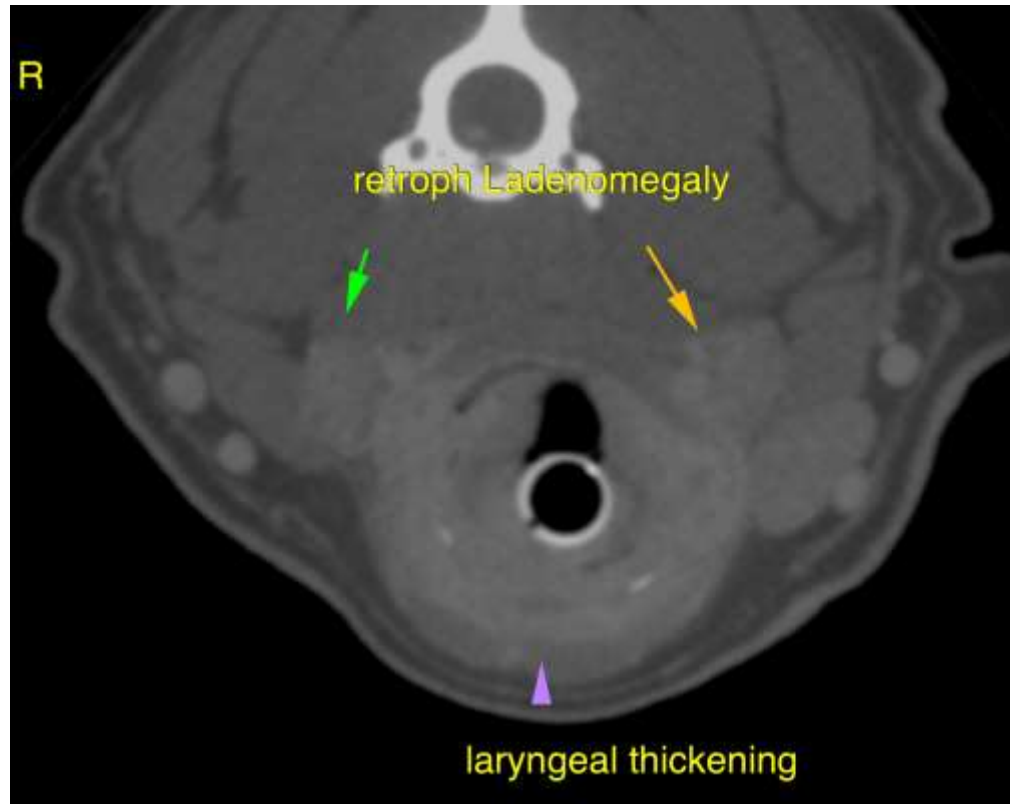
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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