



PATIENT PRESENTING CLINICAL SIGNS

Ted Hitch
 Chronic history of coughing. Seems to be worse at night or when excited. Seems to start when owner comes home from work and will continue throughout the night. During the day it seems to be ok. Cough is a retch as if she's trying to bring something up. Have tried courses of antibiotics, steroids and anti histamines but very little response so far. On physical examination, heart and lungs sound ok, no murmurs and no crackles in lungs, some tracheal sensitivity, normothermic, mm colour pink, abode palpation normal Ct scan performed - pre and post IV contrast.
 Abnormal PE/Chem/CBC/UA Results:

BREED COMPUTED TOMOGRAPHY OF THE THORAX

Chihuahua
 A pre- and post-contrast CT study of the thorax in a lung and soft tissue reconstruction are provided for review.

COMPUTED TOMOGRAPHIC FINDINGS

SEX
Female
 Moderate spondylosis formation is seen along the caudal cervical spine. The intervertebral disc spaces C5/C6 to C7/T1 are moderately narrowed. A cutaneous wart-like lesion is appreciated at the right dorsolateral thoracic wall.

AGE
14 Years
 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.

INTERPRETED BY

Sebastian Schaub, DVM
 Dr. med. vet. DipECVDI

The volume of the lung parenchyma is moderately decreased, and multiple ground glass attenuating regions are seen throughout the lung parenchyma – most accentuated the ventral aspects of the lung parenchyma. Multiple thickened interstitial bands are extending from the periphery into the lung parenchyma.

HOSPITAL NAME

Colyton Veterinary Hospital

The trachea has a mild irregular shape without overt flattening. Mild dorsoventral flattening of the left principal bronchus is seen.

Multifocal mild to moderate thickening of the bronchial walls is seen.

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

REFERRING VET

Chris Papantonio

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Bronchial lung pattern
- Ventrally accentuated zones with unstructured interstitial lung pattern and decreased volume of the lung parenchyma
- Prominent interstitial pulmonary bands
- Irregular shape of trachea
- Chronic discopathy along the caudal cervical spine

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DATE

8-8-22

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The interstitial lung pattern is likely accentuated by dystelectasis of the lung parenchyma due to general anesthesia. The bronchial lung pattern is suggestive for bronchitis and primary inflammatory origin – such as lymphocytic plasmocytic, eosinophilic, mixed ± bacterial



PATIENT

superinfection – is considered likely.

Ted Hitch

The irregular shape of the trachea can present normal age related anatomical variant. However, bronchoscopy including BAL would be ideal to rule out significant bronchial collapse and screen for chronic inflammatory lower airway disease.

SPECIES

Canine

BREED

Chihuahua

SEX

Female

AGE

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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.

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.

DATE

8-8-22

Sebastian Schaub, Sebastian Schaub, DVM, Dr. med. vet. DipECVDI
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