



PATIENT PRESENTING CLINICAL SIGNS

PATIENT Gizmo Marrari
SPECIES Canine
 Older small breed dog with chronic intermittent coughing for past 6 months. Non-productive. Clinically healthy otherwise. No heart murmur auscultated. Crackles on pulmonary auscultation bilaterally (R>L). Previous radiographs show cardiomegaly with enlarged L atrium. Mild caudodorsal interstitial pattern. No improvement in cough with doxycycline courses. Steroids caused panting and did not help cough. Rule out pulmonary fibrosis vs bronchitis vs other Abnormal PE/Chem/CBC/UA Results: Crackles on pulmonary auscultation. No dyspnea. No heart murmur Increased liver enzymes (ALP>ALT).

BREED COMPUTED TOMOGRAPHIC STUDY OF THE THORAX

BREED Shih Poo
 A high-resolution pre-contrast CT study of the thorax are provided for review. Two series, soft tissue and pulmonary window.

SEX COMPUTED TOMOGRAPHIC FINDINGS

SEX MN
 A moderate generalized bronchial pattern with bronchial wall enhancement is noted throughout all lung lobes. In the ventral aspect of the left cranial lung lobe and right cranial lung lobe, is mild to moderate soft tissue attenuation producing an interstitial to alveolar pattern with associated loss of pulmonary volume (L>R). No evidence of pulmonary masses or nodules.

AGE 11 Years
 The cardiac silhouette dorsally displaces the trachea to parallel the spine, spans approximately 75% of the width of the thorax, and is convex in the left atrial and left auricular.

The lumen of the left main bronchus is severely reduced, collapse (grade 2/3).

INTERPRETED BY

The tracheobronchial lymph nodes are normal.

The sternal, mediastinal, and cranial mediastinal lymph nodes are unremarkable.

The pleural space and diaphragm are normal.

The collimated abdomen is normal.

The musculoskeletal thoracic structures are unremarkable.

No other abnormalities are identified.

COMPUTED TOMOGRAPHIC DIAGNOSIS

HOSPITAL NAME

Animal Health Partners

REFERRING VET

Dr. Ashley Gold

- Dynamic left sided bronchial collapse. (Grade 2/3)
- Moderate to severe left sided compensatory cardiac enlargement.
- Moderate generalized bronchial pattern, differential diagnosis includes eosinophilic, allergic, and/or infectious bronchitis.
- Mild to moderate ventral interstitial to alveolar pattern and associated reduced volume of the lung - likely correlated to passive pulmonary atelectasis. Other less likely differential diagnosis includes bronchopneumonia (e.g., bacterial).

INVOICE

56374

DATE

1-25-23



PATIENT

Gizmo Marrari

SPECIES

Canine

BREED

Shih Poo

SEX

MN

AGE

11 Years

INTERPRETED BY

Tilde Rodrigues Froes,
DMV, MSc., Dr. Med
Vet., Dipl. CBraRVet

HOSPITAL NAME

Animal Health
Partners

REFERRING VET

Dr. Ashley Gold

INVOICE

56374

DATE

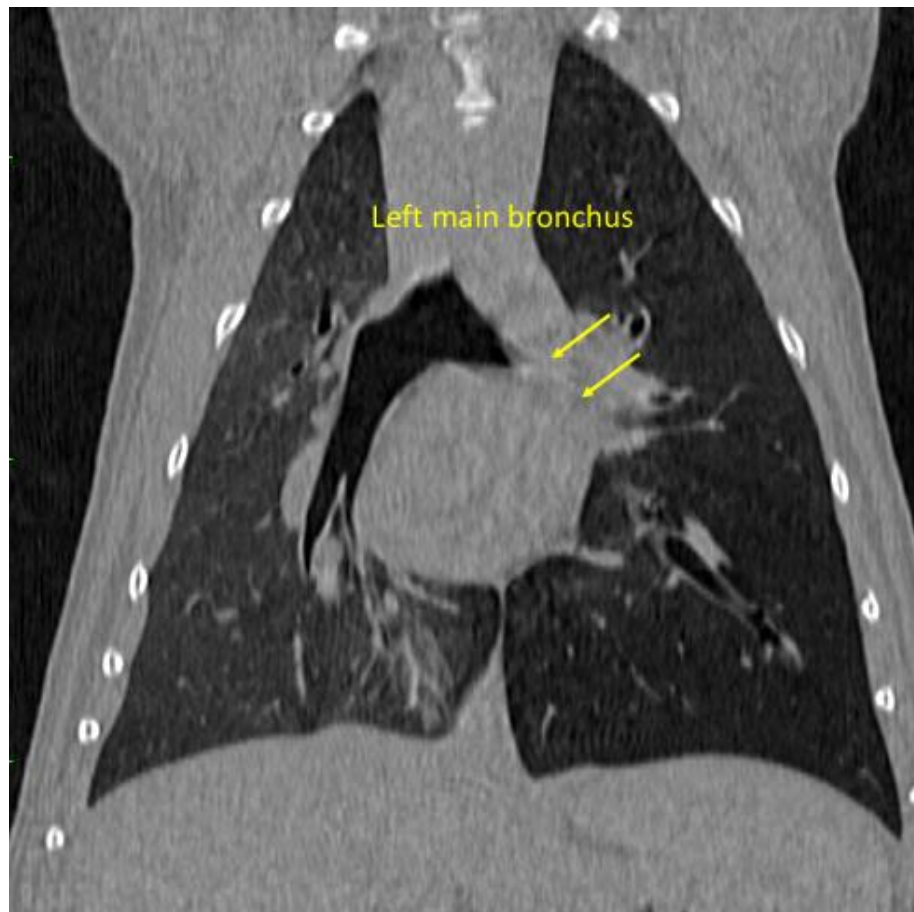
1-25-23

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The clinical sign of coughing may be attributed to more than one factor. For example, collapse of the left main bronchus and bronchomalacia, chronic bronchitis, and/or compression of the caudal lobar bronchi by the enlarged left atrium.

Moderate to severe left-sided cardiac enlargement is most consistent with myxomatous mitral disease. No evidence of decompensated mitral valvular disease. An echocardiogram may be considered for further evaluation of cardiac structure and function.

Continuing treatment of bronchitis and for mild bronchopneumonia is suggested. If patient does not improve, consider bronchoalveolar lavage for obtaining samples for cytology, culture, and sensitivity.





PATIENT

Gizmo Marrari

SPECIES

Canine

BREED

Shih Poo

SEX

MN

AGE

11 Years

INTERPRETED BY

Tilde Rodrigues Froes,
DMV, MSc., Dr. Med
Vet., Dipl. CBraRVet

HOSPITAL NAME

Animal Health
Partners

REFERRING VET

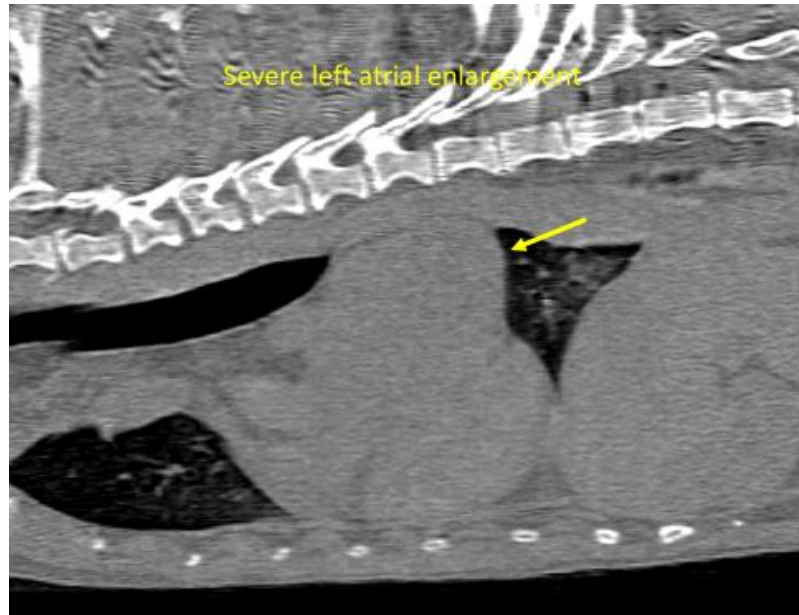
Dr. Ashley Gold

INVOICE

56374

DATE

1-25-23





PATIENT

Gizmo Marrari

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

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

Shih Poo

Tilde Rodrigues Froes, DMV, MSc., Dr. Med.Vet., Dipl.CBraRVet
info@sonopath.com

SEX

MN

AGE

11 Years

INTERPRETED BY

Tilde Rodrigues Froes,
DMV, MSc., Dr. Med
Vet., Dipl. CBraRVet

HOSPITAL NAME

Animal Health
Partners

REFERRING VET

Dr. Ashley Gold

INVOICE

56374

DATE

1-25-23