



PATIENT PRESENTING CLINICAL SIGNS

Barkley Francis Coughing, breathing heavy for two day duration. Currently on Pemo BID, and Lasix 12.5 mg BID. Abnormal PE/Chem/CBC/UA Results: HR=150 MM color- slightly purple labored breathing

SPECIES RADIOGRAPHIC STUDY OF THE THORAX

Canine Radiographs of the thorax in three imaging planes are provided for review.

RADIOGRAPHIC FINDINGS

BREED A readout artefact is seen as a granular radiopaque stripe running through the image.

Shih Tzu The surrounding bony structures are within normal limits.

SEX The extrathoracic soft tissues present homogeneous without abnormalities.

MN The cardiac silhouette is significantly enlarged, the caudal contour is steep, and the caudal cardiac waist is lost. A moderate bulging of the left atrium is seen. The trachea is elevated, paralleling the thoracic spine. The left principal bronchus is deviated dorsally.

AGE The cranial mediastinum presents the expected soft tissue opacity. The mediastinal width is less than twice the width of the vertebral column at the same level.

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INTERPRETED BY The bronchial tree presents with thin walls and tapers uniformly towards the periphery as expected.

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

The lung parenchyma presents the expected architecture and opacity; the intrapulmonary vascular branching is seen up to the third order lung vessels.

HOSPITAL NAME The diaphragm is well delineated with even surface and the expected mild cranial bulging of the diaphragmatic cupola.

Maher Animal
Hospital

RADIOGRAPHIC DIAGNOSIS

- Left sided cardiomegaly without signs of decompensation

REFERRING VET

Katie Maher

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

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The main finding is the cardiomegaly with mass effect on the main-stem bronchi - underlying mitral valve insufficiency due to myxomatous mitral valve degeneration is considered likely and the patient is currently under cardiac medication, there are no signs for decompensation. Although there are no pathological changes of the lower airways, negative radiographs do not rule out inflammatory lower airway disease. Both the mechanical interaction of the left atrium with the principal bronchi and possible accompanying inflammatory lower airway disease might explain can be a source for cough.

DATE

4-11-22



PATIENT

Barkley Francis

SPECIES

Canine

BREED

Shih Tzu

SEX

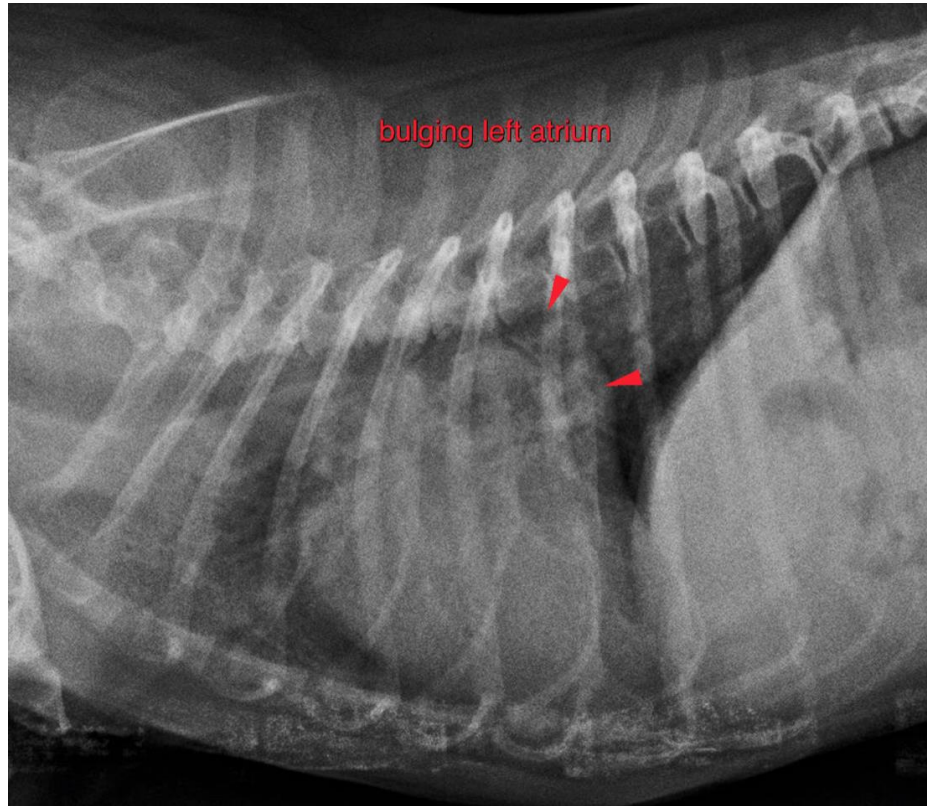
MN

AGE

13

INTERPRETED BY

Sebastian Schaub, DVM
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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.

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