



PATIENT

Morrie Sambol

PRESENTING CLINICAL SIGNS

Morrie has a dry, hacking, non-productive cough. History of tracheal collapse with previous thoracic x-ray consultation. A Grade I/VI left-sided heart murmur ausculted in July 2021, today a Grade V/VI heart murmur was present. Owners report cough is worsening and is keeping Morrie up at night.

SPECIES

Canine

Abnormal PE/Chem/CBC/UA Results: Grade V/VI heart murmur Increased opacity in the dorsal lung fields, near the base of the heart.

RADIOGRAPHIC STUDY OF THE THORAX

BREED

Mixed

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

RADIOGRAPHIC FINDINGS

SEX

MN

The surrounding bony structures are within normal limits, the costal fracture cannot be appreciated anymore. Stationary findings of the elbow joints.

The extrathoracic soft tissues present homogeneous without abnormalities.

AGE

15 Years, 10 Months

The caudal contour of the heart is steep, and the caudal cardiac waist is lost. There is a soft tissue bulging level with the left atrium. The left main-stem bronchus is elevated and abaxial splaying of the main-stem bronchi in the VD projection is appreciated.

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

The caudal lung field presents a moderate unstructured reticular lung pattern, most accentuated in the perihilar region, effacing the pulmonary vasculature, L>R.

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.

HOSPITAL NAME

Gentle Doctor Animal
Hospital

Stationary moderate dorsoventral flattening of the cervical tracheal segment is seen.

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

REFERRING VET

Dr Sergio Valadez

- Suspect decompensated left heart failure
- Perihilar moderate unstructured interstitial pattern
- Tracheal collapse, stationary
- Degenerative osteoarthritis elbow joints

RADIOGRAPHIC DIAGNOSIS

INVOICE

49121

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The changes are highly suggestive for significant progression of cardiac disease – myxomatous mitral valve degeneration with subsequent mitral valve insufficiency is most likely – with evidence of cardiogenic pulmonary edema. Consider diuretic therapy and re-evaluating the patient if clinical signs improve under therapy. A cardiac echo would be beneficial as well for further definition of cardiac chamber size & function.

DATE

12-18-21

Theoretically non-cardiogenic edema due to negative pressure secondary to tracheal collapse, pneumonitis or systemic disease are considerations but appear less likely here.



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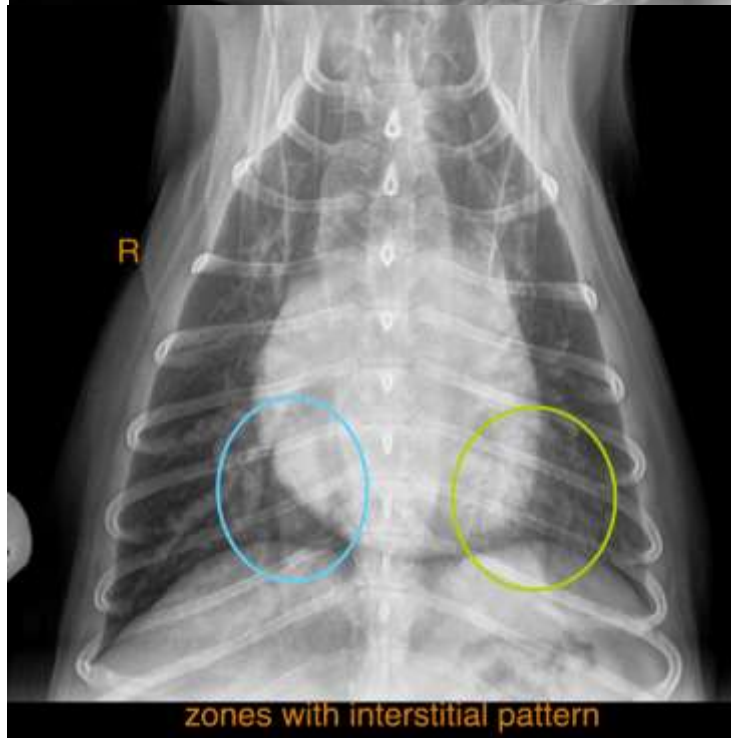
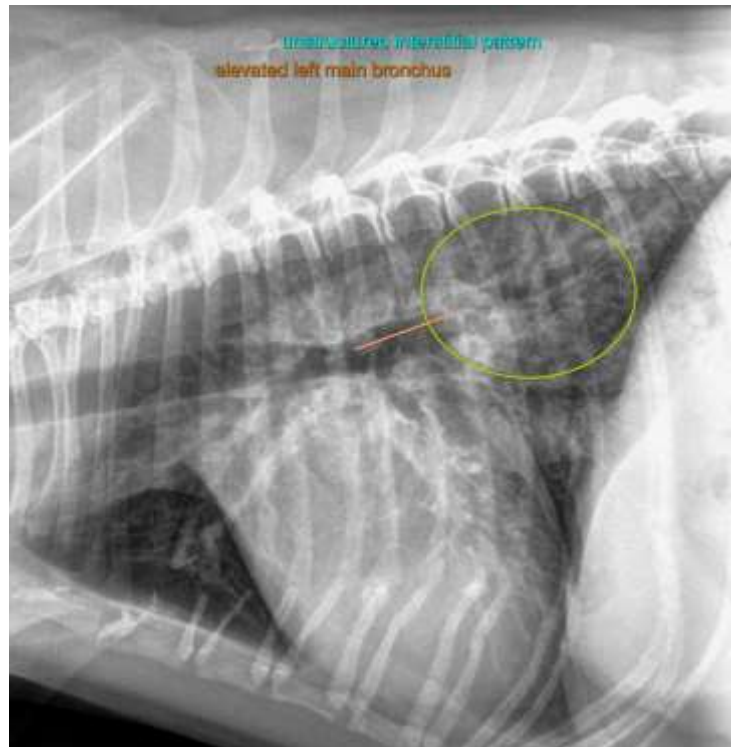
Dr Sergio Valadez

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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.

SPECIES

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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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