



PATIENT

Snowy McMillan

PRESENTING CLINICAL SIGNS

enlarged heart vhs 10.5 , thickened bronchi unable to r/o neoplasia or patchy alveolar pattern
Abnormal PE/Chem/CBC/UA Results: TNTC RBC's in U/A,

SPECIES

Canine

RADIOGRAPHIC STUDY OF THE THORAX

Right/left lateral and ventrodorsal views of the thorax totaling 3 images available for review.

BREED

DMH

RADIOGRAPHIC FINDINGS

The degree of pulmonary inflation is deep. The ribcage is expanded. The lumbodiaphragmatic angles are wide. There is increased distance between the caudal contour of the cardiac silhouette and the flattened diaphragmatic cupola.

SEX

MN

Moderate cardiomegaly is noted with increased basico-apical length and mild elevation of the trachea as well as increased sternal contact. The vertebral heart score is 10.4. There appears to be bi-atrial enlargement however accentuating the left atrium.

AGE

17 Years

There is a moderate generalized vascular lung pattern accentuating the perihilar region. Mild underlying generalized bronchial wall enhancement is noted concurrently.

There is mild esophageal aerophagia.

Mild caudal cervical and mid thoracic spondyloses are seen.

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

There are moderate cranial lumbar spondyloses.

Mild gastric aerophagia is seen in a postprandial stomach with mild amount of gravel being present within the stomach.

HOSPITAL NAME

Windermere
Veterinary Hospital

The patient is mildly obese.

RADIOGRAPHIC DIAGNOSIS

- Moderate cardiomegaly with bi-atrial enlargement accentuating the left heart.
- Suspect emerging volume overload of the lung.
- Mild concurrent bronchial lung pattern and air trapping.
- Aerophagia.
- Gastric gravel sign.
- Spondyloses.

REFERRING VET

Dr. Sherif Boctor

INVOICE

55758

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The radiographic study reveals moderate cardiomegaly accentuating the left heart with a vascular lung pattern suggesting emerging pulmonary volume overload. Both atria appear to be enlarged. The enlargement of the left atrium is definitive. The right atrial silhouette may represent actual right atrial enlargement or an indirect mass effect of the enlarged left atrium.

DATE

12-21-22

At this time, there are no clear signs of cardiogenic pulmonary edema however volume overload of the lung appears to be present and emerging edema is a potential. There is no evidence of



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pulmonary neoplasia. The mild underlying bronchial lung pattern may be within age related normal limits or represent either allergic lower airway syndrome or infectious bronchitis including viral, bacterial, or parasitic. Clinical significance of the bronchial pattern however is uncertain and further workup of the cardiac pathology, with the primary differential diagnosis of decompensated cardiomyopathy, should be considered.

SPECIES

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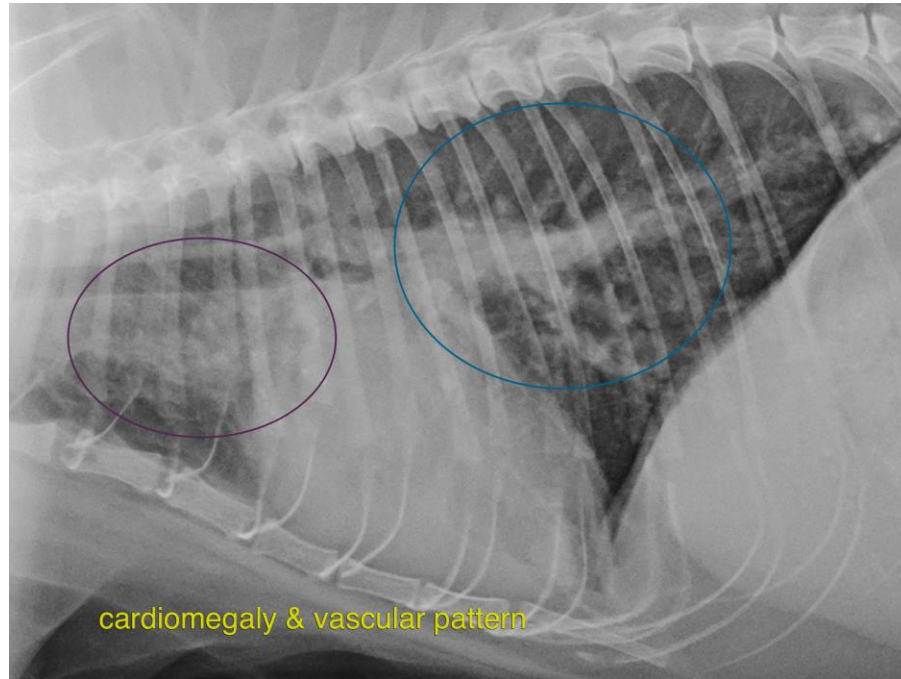
MN

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HOSPITAL NAME

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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.

REFERRING VET

Dr. Sherif Boctor

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