



PATIENT

Bentley Johnston

PRESENTING CLINICAL SIGNS

Intact male, vaccines UTD Hacking cough started 4 days ago. No V/D Eating less than usual in the last few days. On allergy shot every 3 months. Mild arrhythmia and possible mild heart murmur detected. Sedation for X-rays with Hydromorphone and Midazolam. IV No history for exposure to another dogs.

SPECIES

Canine

Abnormal PE/Chem/CBC/UA Results: Blood work indicate: CBC unremarkable / normal. CheMistry: very mild increase in Crea 132 (35-124), increase in ALT 634 (0-120), otherwise unremarkable / normal. Lipase normal.

BREED

Great Dane

RADIOGRAPHIC STUDY OF THE THORAX & ABDOMEN

Right/left lateral and ventrodorsal views of the thorax and abdomen totaling 8 images available for review.

SEX

Male

RADIOGRAPHIC FINDINGS

Thorax

The surrounding bony structures are within normal limits.

AGE

4 Years

The extrathoracic soft tissues present homogeneous without abnormalities.

The cardiac silhouette is square in shape with loss of the caudal cardiac waist and left atrial tenting. The vertebral heart score is 12. The pulmonary arteries and veins are mildly enlarged.

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

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.

The trachea is normal in diameter and presents the anticipated course. The luminal outline of the trachea is smooth.

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

Mild regional increase in interstitial pulmonary opacity is seen in the left caudal lung lobe on the orthogonal view.

REFERRING VET

Dr. Bekhit

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

Abdomen

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The surrounding bony structures are within normal limits.

No abnormalities of the extraabdominal soft tissues are noted. The abdominal wall is smooth and thin.

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The serosal detail is maintained throughout the peritoneal and retroperitoneal space.

The liver is appropriate in position, size and presents uniform opacity.



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The splenic head is in the anticipated position and within normal limits for size and opacity. The splenic body and tail are considered normal for position, size, shape and opacity.

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Both kidneys are seen and present with normal size, shape, delineation and opacity. The urinary bladder is in its anticipated position. No radiopaque calculi are noted throughout the upper and lower urinary tract.

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The stomach is in its anticipated position and presents normal content.

The small intestinal loops are of even diameter and non-dilated, a small amount of gas is seen within the small intestinal loops and considered within normal limits.

The colon is seen in the expected position and presents with appropriate content.

SEX

Male

- Predominantly left sided cardiomegaly with mild pulmonary arterial and venous congestion and suspect incipient cardiogenic edema.

AGE

4 Years

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The radiographic study reveals moderate enlargement of the cardiac silhouette with left atrial enlargement and mild dilation of the pulmonary arteries and veins. The potential of early congestive heart failure is suggested by the presence of mild regional increase in interstitial opacity in the left caudal lung lobe. Consider dilated and other cardiomyopathy as well as mitral valve regurgitation due to endocardiosis, endocarditis, or other a potential. Further definition by means of a cardiac echo is strongly recommended. The presence of arrhythmia should be ruled out as well.

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SPECIES

Canine

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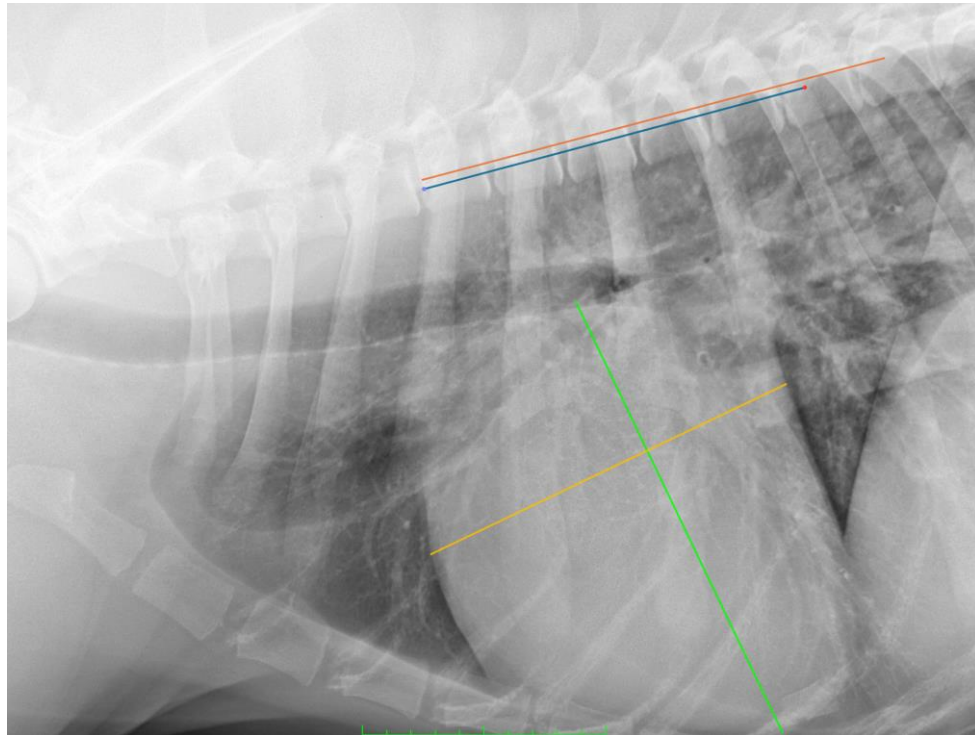
Great Dane

SEX

Male

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.

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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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