



PATIENT

Bear Hagen

PRESENTING CLINICAL SIGNS

Exercise intolerance, weight gain approx 4 months. Long term diabetic, well controlled
 Abnormal PE/Chem/CBC/UA Results: Newly detected left side heart murmur - grade 3/6
 Chemistry - elevated liver enzymes. Recent abdominal ultrasound unremarkable.

SPECIES

Canine

RADIOGRAPHIC STUDY OF THE THORAX & ABDOMEN

Right/left lateral and ventrodorsal views of the thorax and abdomen totaling 6 images available for review.

BREED

Pomeranian

RADIOGRAPHIC FINDINGS

Abdomen

The patient is obese.

SEX

Male Neuter

The abdominal serosal detail is maintained.

Mild generalized enlargement of the liver with slightly rounded lobar margins is seen.

AGE

8

The stomach is postprandial.

The splenic tail, urinary bladder, gastrointestinal tract, and visible parts of the kidneys present within normal limits.

INTERPRETED BY

Nele Eley, DVM
 Dr. med. Vet. DipECVDI

No significant osseous abnormalities are seen.

Thorax

The surrounding bony structures are within normal limits.

HOSPITAL NAME

Lac Ste. Anne
 Veterinary Services

The vertebral heart score is 11. Mild loss of the caudal cardiac waist is seen. The pulmonary vasculature is within normal limits.

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.

REFERRING VET

Sarah Fryer

Mild redundancy of the dorsal tracheal ligament is seen.

A mild generalized bronchointerstitial lung pattern is noted and evenly distributed throughout the lung. There is no evidence of a vascular lung pattern.

INVOICE

53633

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

RADIOGRAPHIC DIAGNOSIS

DATE

8-22-22

- Mild left sided cardiomegaly with left atrial enlargement and no evidence of congestive heart failure.
- Mild generalized bronchointerstitial lung pattern.



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- Mild generalized hepatomegaly.
- Obesity.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

SPECIES

Canine

The radiographic study reveals mild left sided cardiomegaly with no evidence of congestive heart failure. Mild atrial enlargement should be considered a potential based on the radiographic findings. Chronic mitral valve regurgitation due to endocardiosis is one of the most common underlying causes.

BREED

Pomeranian

The mild generalized bronchointerstitial lung pattern may well be within age related normal limits. Eosinophilic/allergic bronchopneumopathy or infectious bronchitis cannot be ruled out entirely. Correlation with the clinical signs is required.

SEX

Male Neuter

Vacuolar hepatopathy, metabolic, and endocrine hepatopathy, inflammatory/infectious hepatopathy or diffuse neoplastic infiltrate are potential underlying causes of the hepatic enlargement. Correlate with the laboratory values and consider ultrasound guided sampling if indicated based on the laboratory values as well as the priorly performed abdominal ultrasound.

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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.

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

Pomeranian

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