



PATIENT PRESENTING CLINICAL SIGNS

Elvis Dolan Echocardiogram done 1/24/22: Myxomatous mitral valve disease Degenerative tricuspid valve disease Pulmonary hypertension Trace aortic insufficiency Trace pulmonic insufficiency Atrial ectropy - singles and couplets Ventricular ectropy - singles Left-sided congestive heart failure
 Treatment: lasix, pimobendan, enalapril, spironolactone.
 Abnormal PE/Chem/CBC/UA Results: Mild monocytosis with WBC 15.9, ALT 243, all else WNL. Grade 6/6 L sided systolic heart murmur but currently no effusions or arrhythmias and lungs auscultate WNL.

SPECIES

Canine

BREED

Chinese Crested Powder Puff

RADIOGRAPHIC STUDY OF THE THORAX

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

RADIOGRAPHIC FINDINGS

SEX

Male Neutered

The degree of pulmonary inflation is moderate. A mild generalized increase in interstitial opacity appears to be present with mostly even distribution throughout the lung. The pulmonary veins are mildly congested. The interstitial pattern is accentuated in the right caudal lung lobe.

AGE

10 Years, 9 Months

Severe left sided cardiomegaly is seen. The vertebral heart score measurements range between 12.5 and 13 on repeated measurements. Severe left atrial tenting with lift and mass effect on the left mainstem bronchus and bronchial splitting is seen. The trachea is elevated. The caudal cardiac waist is lost. Enlargement of the left auricle appears to be present on the orthogonal view.

INTERPRETED BY

Nele Eley, DVM
 Dr. med. Vet. DipECVDI

There is mild gastric aerophagia and moderate hepatomegaly.

RADIOGRAPHIC DIAGNOSIS

- Severe and presumably mildly progressive left sided cardiomegaly.
- Incipient or resolving pulmonary edema.
- Hepatomegaly.
- Aerophagia.

HOSPITAL NAME

Northvale Veterinary Clinic

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The radiographic study suggests mild progression of the cardiomegaly. The vertebral heart score measurements range between 12.5 and 13. The vertebral heart score is subject to systolic and diastolic action of the heart as well as pulmonary inspiration and expiration. The overall impression compared with the reported prior values, however, is mild enlargement. This is further supported by the presence of enlarged pulmonary veins and evidence of potential mild interstitial edema within the right caudal lung lobe, which is common with eccentric jets with mitral valve regurgitation. Based on the radiographic findings, it is considered likely that the patient is close to decompensation, however, the current medication may keep the balance.

REFERRING VET

Dr. Stefanie Simon

INVOICE

50533

Differential diagnosis for the hepatomegaly includes metabolic/endocrine hepatopathy. Diffuse neoplastic inflammatory/infectious infiltrates are thought less likely but can never be ruled out entirely. Correlate with the laboratory values.

DATE

2-23-22

The presence of aerophagia indicates dyspnea.



PATIENT

Elvis Dolan

SPECIES

Canine

BREED

Chinese Crested
Powder Puff

SEX

Male Neutered

AGE

10 Years, 9 Months

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

HOSPITAL NAME

Northvale Veterinary
Clinic

REFERRING VET

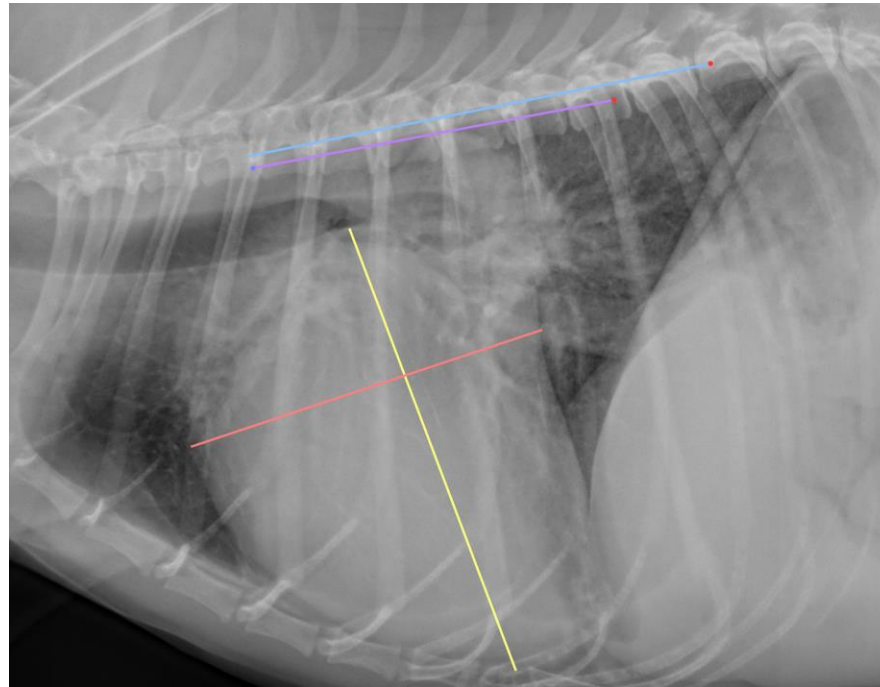
Dr. Stefanie Simon

INVOICE

50533

DATE

2-23-22



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.

Nele Eley, DVM, Dr. med. vet., DipECVDI
European Specialist in Veterinary Diagnostic Imaging, Cert. Radiology,
Senior lecturer University of Giessen, Germany, Veterinary Faculty, Department of Radiology
Nele.Eley@sonopath.com