


PRESENTING CLINICAL SIGNS

History: Developed respiratory distress while waiting in lobby for appointment. Radiographs show cardiomegaly and pulmonary edema.

DATE

9/22/22

ECHOCARDIOGRAPHIC FINDINGS

2D, M-mode, and Doppler study.

PERFORMED BY:

Amy Mayhew, LVT

There is mild to moderate left atrial dilation. The mitral valve appears normal. Left ventricular wall thickness is normal. There is borderline mild left ventricular dilation. Left ventricular systolic function is severely depressed. The aorta and aortic valve are normal. Right atrial and right ventricular dimensions are normal. The tricuspid valve appears normal. The pulmonary artery and pulmonic valve appear normal. No shunting lesions are visualized. No pericardial effusion or cardiac masses are seen.

INTERPRETED BY

 Keith Blass, DVM,
 MS, DACVIM
 (Cardiology)

LA/Ao – 1.99
 IVSd – 4.0 mm
 LVPWd – 4.0 mm
 LVIDd – 18.1 mm
 LVIDs – 14.7 mm
 FS – 18.8%
 LVOT – 0.60 m/s

PATIENT

Squeak Moore

ASSESSMENT/RECOMMENDATIONS
SPECIES

Feline

This examination demonstrates severe depression of Squeak's left ventricular systolic function, with differentials for this finding including primary dilated cardiomyopathy (DCM), taurine-deficiency cardiomyopathy, myocarditis, and a diet-associated cardiomyopathy (ex. diets that are high in peas, lentils, and potatoes/sweet potatoes). Secondary to his myocardial dysfunction, Squeak has mild to moderate dilation of his left atrium and borderline mild dilation of his left ventricle. Given the presence of mild to moderate left atrial dilation, it comes as no surprise that Squeak is reported to be experiencing an episode of congestive heart failure (CHF). In addition to CHF, Squeak is at risk for thromboembolic disease and arrhythmia formation, therefore, careful monitoring for symptoms associated with these conditions is recommended.

BREED

DSH

SEX

MN

A whole blood or plasma taurine level is recommended, and taurine supplementation (250 mg BID) should be given if a deficiency is documented. A diet change would be warranted if Squeak is receiving one that has been linked to the development of myocardial dysfunction.

AGE

6 y

Recommended maintenance therapy based on this exam includes furosemide (5 mg BID), enalapril (1.25 mg BID), pimobendan (1.25 mg BID), and clopidogrel (18.75 mg SID).

A renal/electrolyte profile is recommended in 1 week, as are recheck thoracic radiographs. A recheck echocardiogram is recommended in 6 months.

WEIGHT

10 lb

HOSPITAL NAME

SVS Imaging MI

REFERRING VET

Exclusively Cats VH



DATE

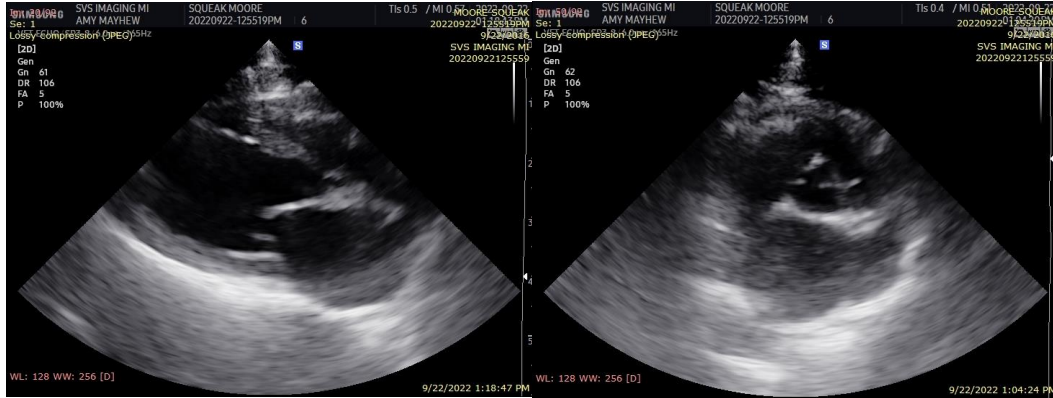
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PERFORMED BY:

Amy Mayhew, LVT

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PATIENT

Squeak Moore

SPECIES

Feline

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631-804-5754

BREED

DSH

SEX

MN

AGE

6 y

WEIGHT

10 lb

HOSPITAL NAME

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REFERRING VET

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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.

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.