

PRESENTING CLINICAL SIGNS

History: Grade IV/VI murmur ausculted one month ago. Now coughing. Receiving Vetmedin, Baytril, Zycortal, and prednisone.

DATE

8/9/21

ECHOCARDIOGRAPHIC FINDINGS

Multiple 2D, M-mode, and Doppler video loops and still images are submitted for review.

PERFORMED BY:

Shari Reffi, CVT

INTERPRETED BY

Keith Blass, DVM,
MS, DACVIM
(Cardiology)

There is moderate to severe left atrial dilation. The mitral valve leaflets are thickened, and a moderate to severe jet of mitral regurgitation is present. There is moderate left ventricular dilation. Left ventricular systolic function is normal. The aorta and aortic valve are normal. Right atrial and right ventricular dimensions are normal. The tricuspid valve appears normal, though trace tricuspid regurgitation is present. The pulmonary artery and pulmonic valve appear normal, though trace pulmonic insufficiency is present. No shunting lesions are visualized. No heartworms are visualized. No pericardial effusion or cardiac masses are seen.

LA - 46.4 mm
LVIDd - 40.2 mm
LVIDs - 23.5 mm
FS - 41.5%
LVOT - 1.15 m/s
RVOT - 0.85 m/s

PATIENT

Lucy Melser

ASSESSMENT/RECOMMENDATIONS

Degenerative mitral valve disease

SPECIES

Canine

BREED

Wheaton Terrier

This examination demonstrates moderate to severe mitral regurgitation resulting from degenerative valve disease. Secondary to her regurgitation, Lucy has moderate to severe dilation of her left atrium and moderate dilation of her left ventricle, though her left ventricular systolic function is well-preserved. Given the presence of moderate to severe left atrial dilation, it's likely that mainstem bronchial compression is contributing to Lucy's cough, however, thoracic radiographs are recommended for further evaluation. In addition to coughing, Lucy is at risk for the development of exercise intolerance, syncope, and labored breathing, therefore, careful monitoring for these signs is recommended.

SEX

FS

Lucy's current therapy with Vetmedin (5 mg am, 3.75 mg pm) is warranted based on this exam. I also recommend starting her on furosemide (15 mg BID) and enalapril (7.5 mg BID), as these medications should improve any cardiac component of her cough. A cough suppressant, such as hydrocodone, may be given if Lucy's cough persists.

AGE

12 y

A renal/electrolyte profile is recommended in 1-2 weeks. A recheck echocardiogram is recommended in 6-9 months.

WEIGHT

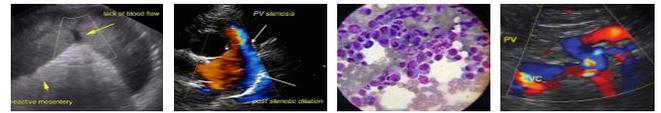
33.8 lb

HOSPITAL NAME

Cresskill

REFERRING VET

Dr. Micale



DATE

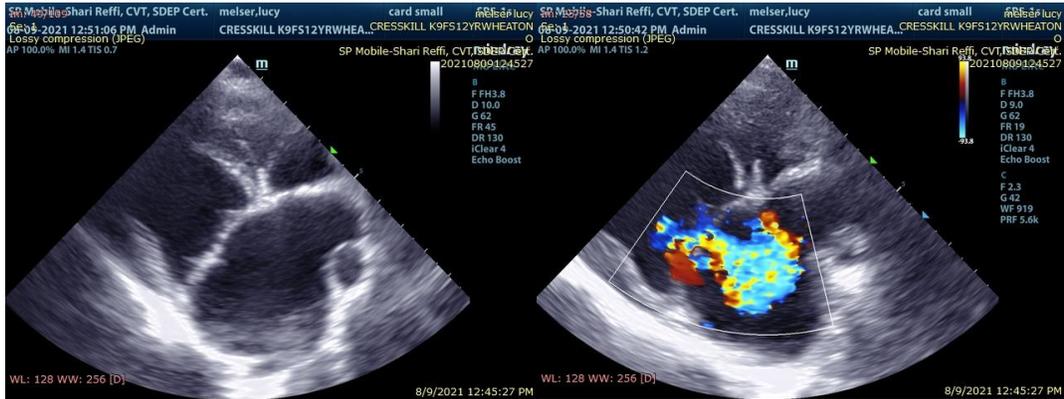
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

PATIENT

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.

Lucy Melser

SPECIES

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631-804-5754

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