


RESENTING CLINICAL SIGNS

History: Grade 6/6 murmur. Mild cough for years, much worse recently. Receiving hydrocodone 1.25 mg PRN.

DATE

4/14/23

ECHOCARDIOGRAPHIC FINDINGS

2D, M-mode, and Doppler study.

PERFORMED BY:

Dr. Karen Ebersole

INTERPRETED BY

 Keith Blass, DVM,
 MS, DACVIM
 (Cardiology)

There is moderate left atrial dilation. The mitral valve leaflets are thickened and exhibit systolic prolapse. There is Doppler evidence of mitral regurgitation present. There is moderate left ventricular dilation. Left ventricular systolic function is hyperdynamic. 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 pericardial effusion or cardiac masses are seen.

PATIENT

Riley Pelletier

 LA - 35.7 mm
 LVIDd - 36.4 mm
 LVIDs - 18.0 mm
 FS - 50.5%
 RA - 20.2 mm
 LVOT - 1.58 m/s
 RVOT - 0.98 m/s
 TR - 2.92 m/s

SPECIES

Canine

ASSESSMENT/RECOMMENDATIONS

Degenerative mitral valve disease

BREED

Chihuahua Mix

This examination demonstrates regurgitation of blood across Riley's mitral valve resulting from degenerative valve disease. Secondary to his regurgitation, Riley has moderate dilation of both his left atrium and left ventricle, though his left ventricular systolic function is well-preserved. Given the presence of moderate left atrial dilation, it's certainly possible that mainstem bronchial compression could be contributing to Riley's cough, though thoracic radiographs are recommended for further evaluation. In addition to coughing, Riley is at risk for the development of exercise intolerance, syncope, and/or labored breathing, therefore, careful monitoring for these is recommended.

SEX

MN

I recommend starting Riley on pimobendan (2.5 mg BID), as this medication should help to slow the progression of his mitral valve disease. Should radiographs demonstrates narrowing of Riley's mainstem bronchi, a trial with furosemide (10 mg BID) would be warranted.

AGE

13 y

A renal/electrolyte profile is recommended in 1-2 weeks if furosemide is started and is to be used long-term. A recheck echocardiogram is recommended in 6-9 months.

WEIGHT

18.4 lb

HOSPITAL NAME

Scanvet

REFERRING VET

Dr. Porcelli



DATE

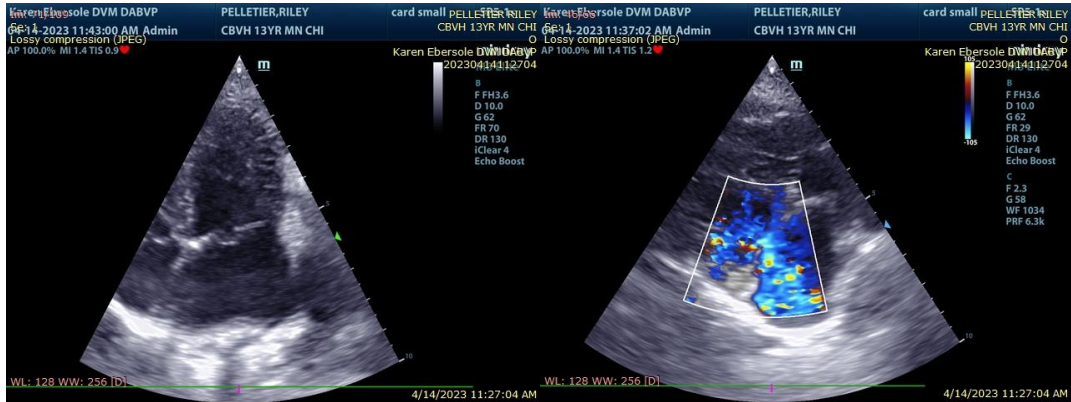
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

PATIENT

Riley Pelletier

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.

SPECIES

Canine

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631-804-5754

BREED

Chihuahua Mix

SEX

MN

AGE

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WEIGHT

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