



PATIENT

Dolla Jill Staples

SPECIES

Canine

BREED

Chihuahua

SEX

FS

AGE

14 y

WEIGHT

5.7 lb

PRESENTING CLINICAL SIGNS

Grade IV/VI murmur. Chronic dry cough for two months. Started pimobendan 2 weeks ago.

ECHOCARDIOGRAPHIC FINDINGS

2D, M-mode, and Doppler study.

There is mild left atrial dilation. The mitral valve leaflets are thickened and exhibit systolic prolapse. A mild to moderate jet of mitral regurgitation is present. There is mild 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 leaflets are mildly thickened, and a mild jet of tricuspid regurgitation is present. TR velocity is consistent with the presence of moderate pulmonary hypertension (PG 60.5 mmHg). The pulmonary artery and pulmonic valve are normal. No shunting lesions are visualized. No heartworms are visualized. No pericardial effusion or cardiac masses are seen.

LA - 23.6 mm
 LVIDd - 21.5 mm
 LVIDs - 10.1 mm
 FS - 53%
 RA - 19.6 mm
 LVOT - 1.17 m/s
 RVOT - 0.73 m/s
 TR - 3.89 m/s

INTERPRETED BY

Keith Blass, DVM, MS,
 DACVIM (Cardiology)

ASSESSMENT/RECOMMENDATIONS

Degenerative mitral and tricuspid valve disease
 Pulmonary hypertension

IMAGING PERFORMED BY

Shari Reffi, CVT

HOSPITAL NAME

Animal General on
 Hudson

REFERRING VET

Dr. Lang

INVOICE

This examination demonstrates regurgitation of blood across Dolla Jill's mitral and tricuspid valves resulting from degenerative valve disease. Secondary to her mitral regurgitation, Dolla Jill has mild dilation of both her left atrium and left ventricle. As only mild left heart chamber dilation is present, it's unlikely that mainstem bronchial compression is contributing to Dolla Jill's cough. Her risk for the development of left-sided congestive heart failure does not appear to be significantly elevated, though careful monitoring of her respiratory rate/effort is recommended. Dolla Jill's tricuspid valve disease is milder, however, her tricuspid regurgitation velocity is consistent with the presence of moderate pulmonary hypertension. It's possible that the pulmonary hypertension could be contributing to Dolla Jill's cough, however, consideration should also be given to the presence of an underlying respiratory cause of the cough. Dolla Jill's pulmonary hypertension puts her at risk for the development of exercise intolerance and syncope, and it also mildly increases her risk for the development of right-sided congestive heart failure, therefore, careful monitoring for these is recommended.

Thoracic radiographs may be warranted to further evaluate Dolla Jill's cough.

Continued use of pimobendan (0.625 mg BID) is warranted based on this exam. Recommended therapy for Dolla Jill's pulmonary hypertension is sildenafil (2.5 mg BID, likely needs to be compounded). A trial with a cough suppressant is recommended for Dolla Jill's cough.

DATE

12/1/25

A recheck echocardiogram is recommended in 6 months.



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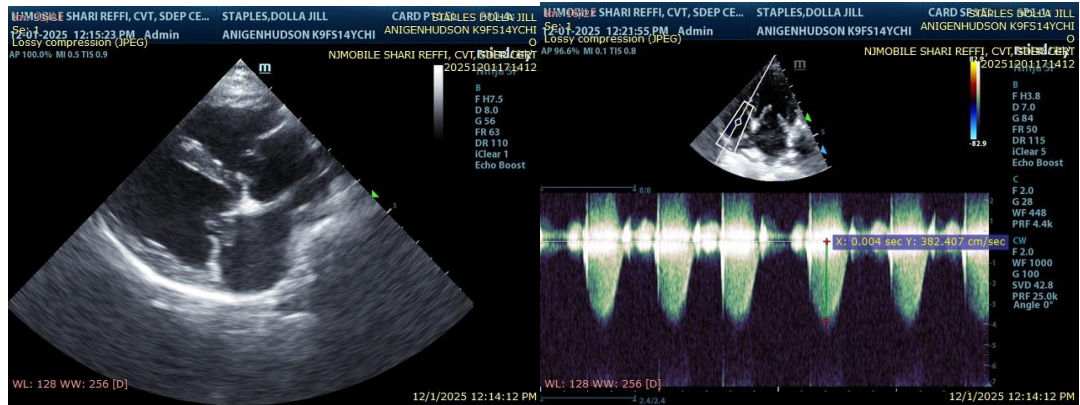
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

Keith Blass, DVM, MS, DACVIM (Cardiology)

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