



PRESENTING CLINICAL SIGNS

DATE

2/7/23

History: Presented for respiratory distress on 1/23/23. Grade 3/6 murmur. Was receiving Cardalis (25 mg/2.5 mg - ¼ tab SID) and Vetmedin (0.625 mg BID), and furosemide 6.25 mg BID) was added. Has improved since starting the furosemide. Radiographs today show cardiomegaly but no evidence of CHF. BP 110 mmHg.

ECHOCARDIOGRAPHIC FINDINGS

PERFORMED BY:

2D, M-mode, and Doppler study.

Dr. Americo Abadia

INTERPRETED BY

Keith Blass, DVM,
MS, DACVIM
(Cardiology)

There is moderate left atrial dilation. The mitral valve leaflets are thickened and exhibit systolic prolapse. A moderate to severe jet of mitral regurgitation is present. There is moderate left ventricular dilation. Left ventricular systolic function is hyperdynamic. The aorta and aortic valve appear normal, though trace aortic insufficiency is present. 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 does not suggest the presence of pulmonary hypertension. 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.

PATIENT

Erin Lindsey

LA - 26.8 mm
LVIDd - 26.3 mm
LVIDs - 14.3 mm
FS - 45.6%

SPECIES

Canine

LVOT - 1.12 m/s
RVOT - 1.26 m/s
TR - 1.50 m/s

ASSESSMENT/RECOMMENDATIONS

BREED

Chihuahua

Degenerative mitral and tricuspid valve disease

This examination demonstrates regurgitation of blood across Erin's mitral and tricuspid valves resulting from degenerative valve disease. Erin's tricuspid valve disease is mild, and appears to be well-compensated at this time. Her mitral valve disease is more advanced, as Erin has moderate to severe mitral regurgitation present, with moderate secondary dilation of both her left atrium and left ventricle, though her left ventricular systolic function is well-preserved. Given the presence of moderate left heart chamber dilation, it comes as no surprise that Erin experienced an episode of left-sided congestive heart failure (CHF) last week. In addition to recurrence of CHF, Erin is at risk for the development of a cough, exercise intolerance, and syncope, therefore, careful monitoring for these signs is recommended.

SEX

FS

AGE

9 y

Erin's current medications are appropriate, though I recommend increasing her Vetmedin dose to 1.25 mg am, 0.625 mg pm.

WEIGHT

7 lb

A renal/electrolyte profile is recommended if one hasn't been performed since furosemide was started. A recheck echocardiogram is recommended in 9 months. Repeat radiographs are recommended any time Erin experiences difficulty breathing.

HOSPITAL NAME

Surfside PH

REFERRING VET

Dr. Abadia



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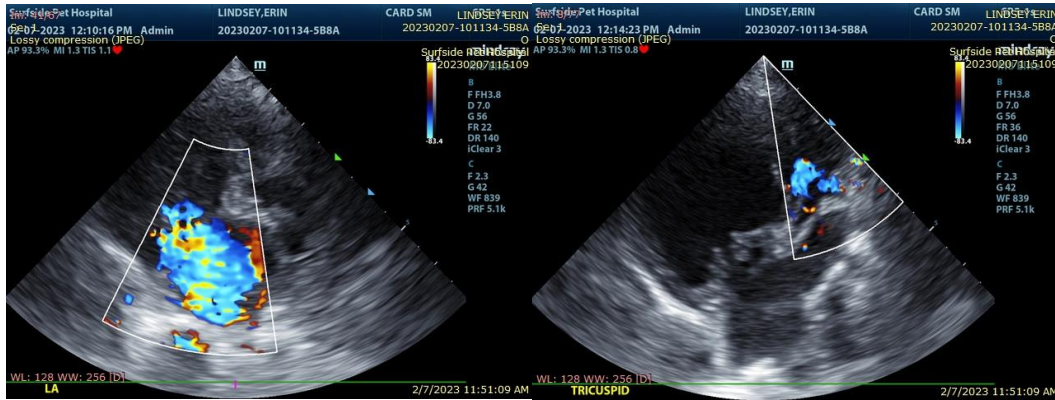
7 lb

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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.

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