



**PRESENTING CLINICAL SIGNS**

History: Recheck degenerative valve disease. Grade 2-3/6 left apical systolic murmur.

**DATE**

10/24/22

**ECHOCARDIOGRAPHIC FINDINGS**

2D, M-mode, and Doppler study. This exam is compared to the one performed 12/21/21.

**PERFORMED BY:**

Dr. Brian Barnes

**INTERPRETED BY**

Keith Blass, DVM,  
MS, DACVIM  
(Cardiology)

There is mild left atrial dilation. The mitral valve leaflets are mildly thickened and exhibit systolic prolapse. A moderate jet of eccentric mitral regurgitation is present. Left ventricular dimensions are normal. Left ventricular systolic function is mildly 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 does not suggest the presence of pulmonary hypertension. The pulmonary artery and pulmonic valve are normal. No shunting lesions are visualized. No pericardial effusion or cardiac masses are seen.

ECG during echo: Sinus arrhythmia

**PATIENT**

Emmee Anderson

LA - 31.4 mm (prev. 27.1 mm)  
LVIDd - 30.1 mm (prev. 26.9 mm)  
LVIDs - 17.5 mm (prev. 16.1 mm)  
FS - 41.9% (prev. 40%)  
RA - 16.1 mm  
LVOT - 1.30 m/s (prev. 1.22 m/s)  
RVOT - 0.84 m/s (prev. 0.83 m/s)  
TR - 2.35 m/s (prev. 2.20 m/s)

**SPECIES**

Canine

**ASSESSMENT/RECOMMENDATIONS**

Degenerative mitral and tricuspid valve disease

**BREED**

JRT

This examination demonstrates mild progression of Emmee's mitral valve disease over the past 10 months, as she now has mild dilation of both her left atrium and left ventricle. As only mild left heart chamber dilation is present, Emmee's risk for the development of clinical signs secondary to her, such as coughing, exercise intolerance, syncope, and labored breathing, still appears to be relatively low, though careful monitoring for these signs is recommended going forward.

**SEX**

Emmee's tricuspid valve disease is still mild and well-compensated.

FS

I recommend starting Emmee on pimobendan (2.5 mg am, 1.25 mg pm), as this medication should help to slow the progression of her mitral valve disease.

**AGE**

A recheck echocardiogram is recommended in 9 months to monitor for disease progression.

11 y

**WEIGHT**

7.8 kg

**HOSPITAL NAME**

Westview VH

**REFERRING VET**

Dr. Barnes



DATE

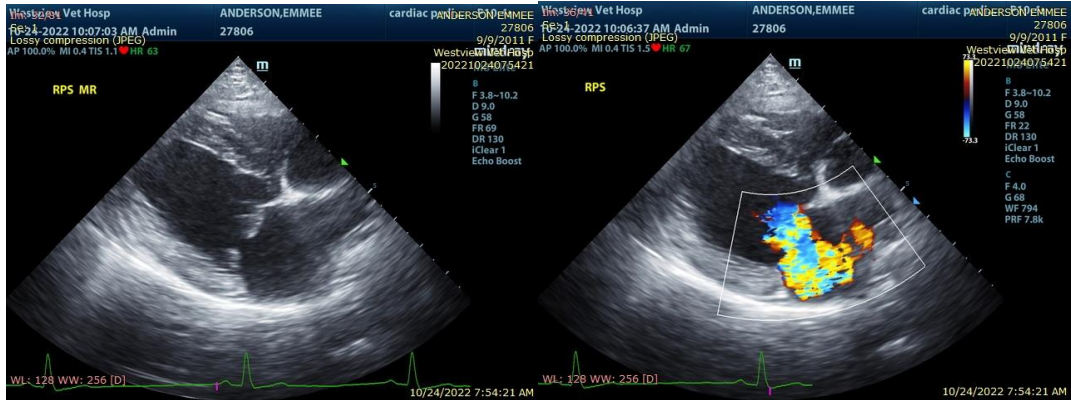
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

Emmee Anderson

SPECIES

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631-804-5754

Canine

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