



## PATIENT

Emma Tuttle

## SPECIES

Canine

## BREED

Chihuahua Mix

## SEX

FS

## AGE

11 y

## WEIGHT

9 lb

## INTERPRETED BY

Keith Blass, DVM, MS,  
DACVIM (Cardiology)

## IMAGING PERFORMED BY

Karen Ebersole, DVM,  
DABVP

## HOSPITAL NAME

Scanvet

## REFERRING VET

Dr. Hale

## INVOICE

## DATE

3/20/26

## PRESENTING CLINICAL SIGNS

Grade 4/6 murmur. Radiographic cardiomegaly. Receiving furosemide 6.25 mg EOD, pimobendan 1.25 g BID, and enalapril 2.5 mg BID.

## 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 moderate jet of eccentric mitral regurgitation is present. There is mild left ventricular dilation. Left ventricular systolic function is hyperdynamic. The aorta and aortic valve appear 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. The pulmonary artery and pulmonic valve are normal. No pericardial effusion or cardiac masses are seen.

ECG during echo: Sinus rhythm

LA - 25.7 mm  
LVIDd - 26.9 mm  
LVIDs - 11.4 mm  
FS - 57.6%  
RA - 14.2 mm  
RVOT - 1.00 m/s

## ASSESSMENT/RECOMMENDATIONS

Degenerative mitral and tricuspid valve disease

This examination demonstrates regurgitation of blood across Emma's mitral and tricuspid valves resulting from degenerative valve disease. Emma's tricuspid valve disease is mild, and appears to be well-compensated at this time. Her mitral valve disease is a bit more advanced, as Emma has moderate mitral regurgitation present, with mild secondary dilation of both her left atrium and left ventricle, though her left ventricular systolic function is well-preserved. As only mild left heart chamber dilation is present, Emma's current risk for the development of clinical signs secondary to her mitral valve disease, such as coughing, exercise intolerance, syncope, and labored breathing, appears to be relatively low, though careful monitoring for these signs is recommended going forward.

Continued use of pimobendan is warranted based on this exam. Continued use of furosemide and enalapril would be warranted if Emma has experienced clinical signs that have improved with therapy.

A recheck echocardiogram is recommended in 9 months. Thoracic radiographs are recommended if Emma experiences respiratory clinical signs.



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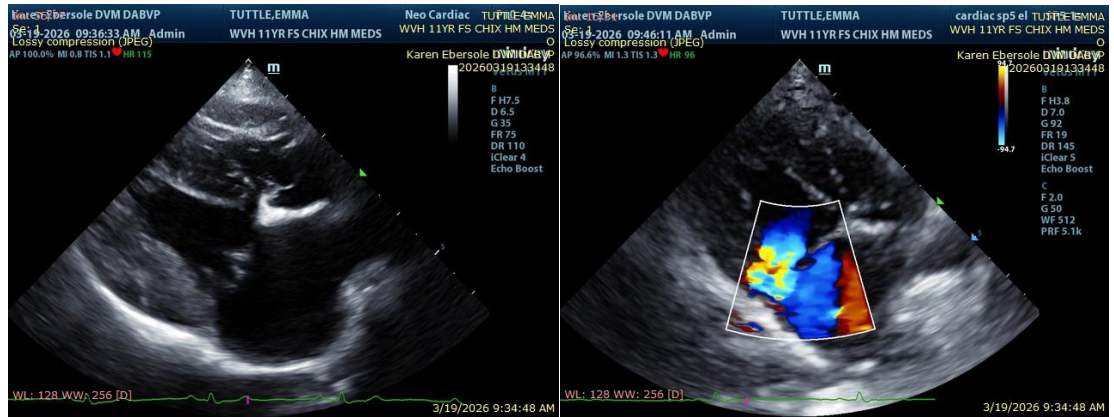
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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) [info@SonoPath.com](mailto:info@SonoPath.com)