



## PATIENT

Patch Alderman

## SPECIES

Canine

## BREED

Pitbull Mix

## SEX

FS

## AGE

10 y

## WEIGHT

56.6 lb

## INTERPRETED BY

Keith Blass, DVM, MS,  
DACVIM (Cardiology)

## IMAGING PERFORMED BY

Shari Reffi, CVT

## HOSPITAL NAME

Shohola VH

## REFERRING VET

Dr. DeMeo

## INVOICE

## DATE

12/11/25

## PRESENTING CLINICAL SIGNS

Grade 5/6 left-sided murmur. Non-productive cough. Radiographs showed pulmonary edema. Receiving furosemide 62.5 mg SID and pimobendan 6.25 mg BID.

## ECHOCARDIOGRAPHIC FINDINGS

2D, M-mode, and Doppler study.

There is mild to moderate left atrial dilation. The mitral valve leaflets are mildly thickened, and a moderate jet of mitral regurgitation is present. There is mild to moderate left ventricular dilation. Left ventricular systolic function is normal. 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 heartworms are visualized. No pericardial effusion or cardiac masses are seen.

ECG during echo: Sinus rhythm

LA - 44.8 mm  
LVIDd - 44.1 mm  
LVIDs - 28.0 mm  
FS - 36.6%  
RA - 28.4 mm  
LVOT - 1.84 m/s  
RVOT - 1.10 m/s  
TR - 2.09 m/s

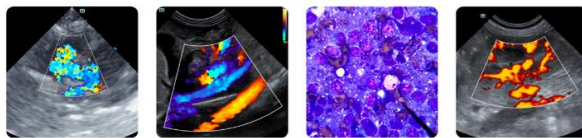
## ASSESSMENT/RECOMMENDATIONS

Degenerative mitral and tricuspid valve disease

This examination demonstrates regurgitation of blood across Patch's mitral and tricuspid valves resulting from degenerative valve disease. Patch's tricuspid valve disease is mild, and appears to be well-compensated at this time. Her mitral valve disease is more advanced, as Patch has moderate mitral regurgitation present, with mild to moderate secondary dilation of both her left atrium and left ventricle, though her left ventricular systolic function is normal. Given the presence of mild to moderate left heart chamber dilation, it wouldn't come as too much of a surprise if Patch developed cardiogenic pulmonary edema, though it's unlikely that mainstem bronchial compression is the cause of her cough.

Continued use of pimobendan is warranted based on this exam. Continued use of furosemide at the lowest effective dose would be warranted if the medication has resulted in clinical improvement.

A recheck echocardiogram is recommended in 6-9 months to monitor for disease progression.



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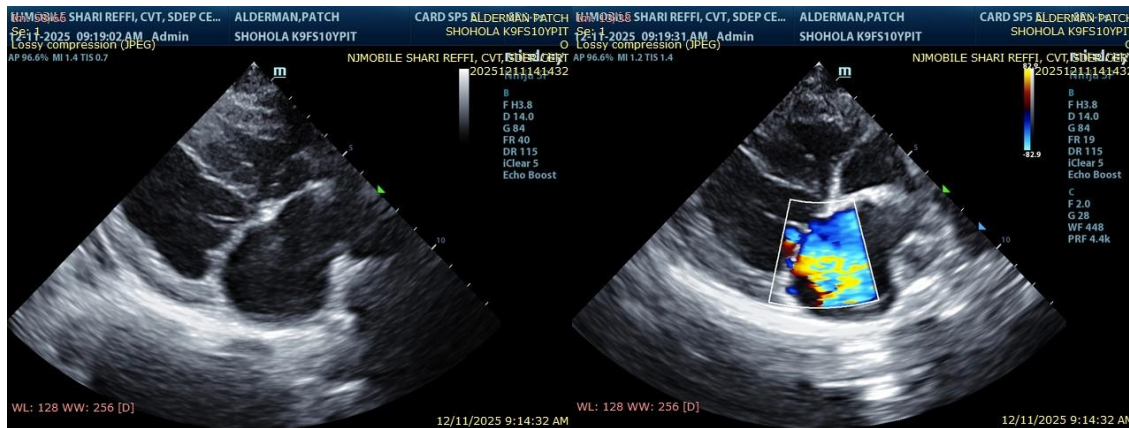
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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