



**PRESENTING CLINICAL SIGNS**

History: Murmur. Wheezes a bit when excited over the past 6 months.

**DATE**

5/13/22

**ECHOCARDIOGRAPHIC FINDINGS**

2D, M-mode, and Doppler study.

**PERFORMED BY:**

Sarah Pender, CVT

**INTERPRETED BY**

Keith Blass, DVM,  
MS, DACVIM  
(Cardiology)

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. Left ventricular dimensions are normal, as is left ventricular systolic function. 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 appear normal, though trace pulmonic insufficiency is present. No shunting lesions are visualized. No pericardial effusion or cardiac masses are seen.

LA - 30.5 mm  
LVIDd - 27.1 mm  
LVIDs - 16.9 mm  
FS - 37.6%  
RA - 21.6 mm  
LVOT - 1.29 m/s  
RVOT - 0.70 m/s  
TR - 1.79 m/s

**PATIENT**

Dexter Fedele

**SPECIES**

Canine

**ASSESSMENT/RECOMMENDATIONS**

Degenerative mitral and tricuspid valve disease

**BREED**

Maltese

This examination demonstrates regurgitation of blood across Dexter's mitral and tricuspid valves resulting from degenerative valve disease. Dexter's tricuspid valve disease is mild, and appears to be well-compensated at this time. His mitral valve disease is a bit more advanced, as Dexter has mild to moderate mitral regurgitation present, with mild secondary dilation of his left atrium, though his left ventricular dimensions are normal, as is his left ventricular systolic function. As only mild left atrial dilation is present, Dexter's mitral valve disease appears to be well-compensated, and it's unlikely that his cardiac disease is the cause of his wheezing episodes.

**SEX**

MN

Thoracic radiographs are recommended to further evaluate Dexter's wheezing.

**AGE**

10 y

I recommend starting Dexter on pimobendan (2.5 mg BID), as this medication should help to slow the progression of his mitral valve disease.

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

**WEIGHT**

18 lb

**HOSPITAL NAME**

SVS Imaging QC

**REFERRING VET**

Dr. Hook



DATE

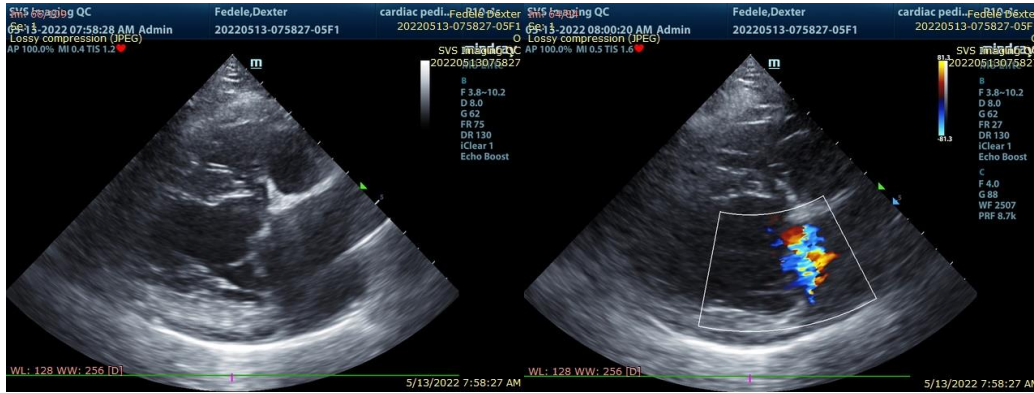
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

PATIENT

Dexter Fedele

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)  
KeithBlass@gmail.com  
631-804-5754

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