

**PATIENT PRESENTING CLINICAL SIGNS**

Max Miller

Arrhythmia. ECG showed intermittent left-sided VPCs. No murmur. Normal BNP. AUS WNL.

**SPECIES**

Canine

**ECHOCARDIOGRAPHIC FINDINGS**

2D, M-mode, and Doppler study.

**BREED**

Golden Retriever

Left atrial size is normal. The mitral valve appears normal, though trace mitral regurgitation is present. Left ventricular wall thickness is normal. Left ventricular internal dimensions are normal. Left ventricular systolic function is normal. The aorta and aortic are normal. Right atrial and right ventricular dimensions are normal. The tricuspid valve is normal. The pulmonary artery and pulmonic valve are normal. No heartworms are visualized. No pericardial effusion or cardiac masses are seen.

**SEX**

MN

LA - 37.9 mm  
 IVSd - 9.2 mm  
 LVPWd - 9.5 mm  
 LVIDd - 37.4 mm  
 LVIDs - 24.5 mm  
 FS - 34.5%  
 RA - 29.6 mm  
 LVOT - 1.69 m/s  
 RVOT - 0.76 m/s

**AGE**

8 y

**WEIGHT**

75.3 lb

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Normal echocardiogram

**INTERPRETED BY**

Keith Blass, DVM, MS  
DACVIM(Cardiology)

This examination demonstrates no evidence of structural heart disease, as trace mitral regurgitation can be considered a normal physiologic variant. As such, no reason for Max's VPCs is appreciated in the image set. It's possible that Max's arrhythmia could be secondary to the presence of cardiac conduction system disease, though a non-cardiac cause of his arrhythmia cannot be ruled out.

No therapy is recommended based on this exam.

**HOSPITAL NAME**

Falmouth AH

A recheck echocardiogram is recommended if new physical exam and/or clinical abnormalities suggestive of the presence of structural heart disease develop.

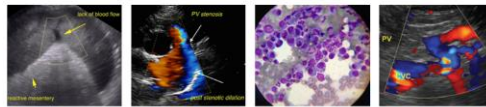
**REFERRING VET**

Dr. Hauser

**INVOICE**

**DATE**

1/31/22



**PATIENT**

Max Miller

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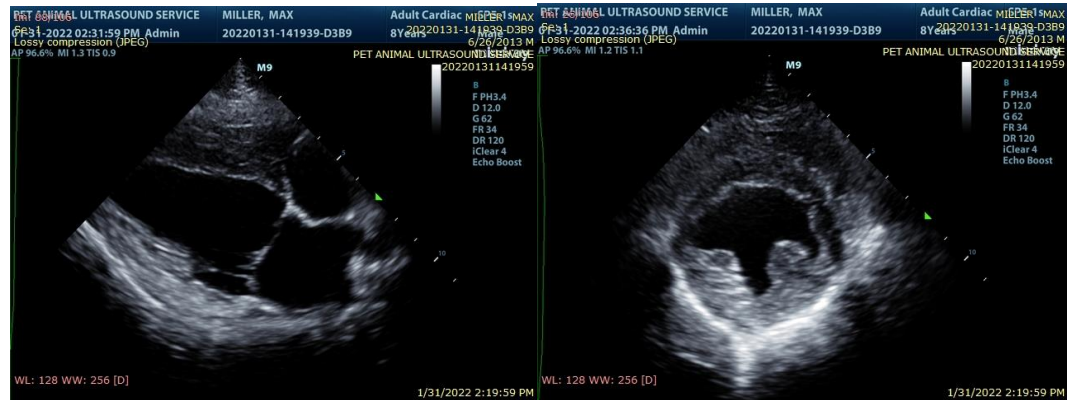
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.