


**PRESENTING CLINICAL SIGNS**

History: Grade 3/6 murmur.

**DATE**

12/19/22

**ECHOCARDIOGRAPHIC FINDINGS**

2D, M-mode, and Doppler study.

**PERFORMED BY:**

Rebekah Jakum

**INTERPRETED BY**

 Keith Blass, DVM,  
 MS, DACVIM  
 (Cardiology)

**PATIENT**

Maxine Miller

Left atrial size is normal. The mitral valve is normal. Left ventricular wall thickness is normal. Left ventricular internal dimensions are normal. Left ventricular systolic function is hyperdynamic. The aorta and aortic valve are normal. Right atrial and right ventricular dimensions are normal. The tricuspid valve is normal. There is dynamic obstruction to flow in the right ventricular outflow tract. 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.

 LA/Ao - 1.00  
 IVSd - 4.8 mm  
 LVPWd - 4.8 mm  
 LVIDd - 11.7 mm  
 LVIDs - 3.4 mm  
 FS - 70.9%  
 LVOT - 1.07 m/s  
 RVOT - 2.66 m/s

ECG: Sinus rhythm

**SPECIES**

Feline

**ASSESSMENT/RECOMMENDATIONS**

Normal echocardiogram

**BREED**

DSH

This examination demonstrates no evidence of structural heart disease. Maxine's murmur appears to be due to the presence of dynamic obstruction to flow in her right ventricular outflow tract, which is a common reason for a functional/innocent murmur to develop in cats secondary to hyperdynamic ventricular systolic function.

**SEX**

FS

No therapy is recommended based on this exam.

A recheck echocardiogram is recommended if the characteristics of Maxine's murmur change, or if other new physical exam and/or clinical abnormalities suggestive of cardiac dysfunction develop.

**AGE**

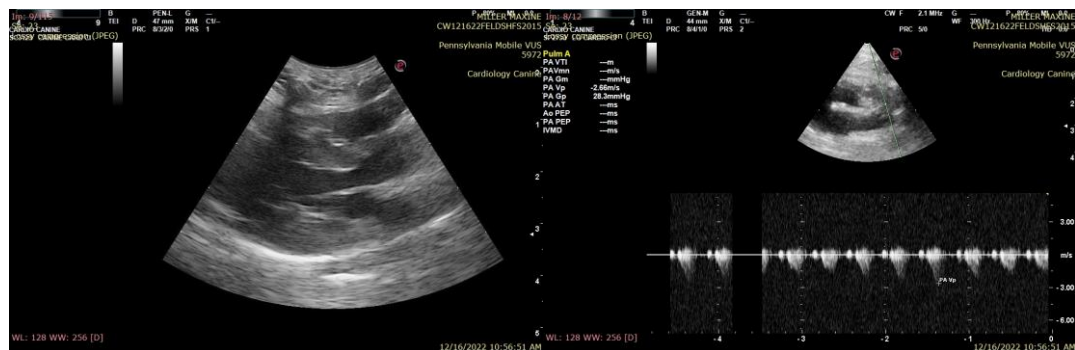
7 y

**WEIGHT**

9.2 lb

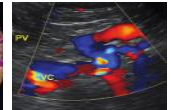
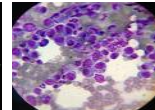
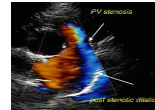
**HOSPITAL NAME**

Conrad Weiser AH


**REFERRING VET**

Dr. Watzka

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.

**DATE**

12/19/22

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.

**PERFORMED BY:**

Rebekah Jakum

**Keith Blass, DVM, MS, DACVIM (Cardiology)**

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631-804-5754

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Keith Blass, DVM,  
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(Cardiology)

**PATIENT**

Maxine Miller

**SPECIES**

Feline

**BREED**

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