



**PATIENT**

Henry Curran

**SPECIES**

Feline

**BREED**

DSH

**SEX**

Male Neutered

**AGE**

6 years

**WEIGHT**

16.75lbs

**PRESENTING CLINICAL SIGNS**

History: Henry was noted to have a heart murmur in March. Recently adopted. Good appetite and energy level, On exam: NSR, grade II/VI parasternal murmur, PSS, lung fields clear, compressible thorax, BP: 140mmHg. No medications. \*No sedation for study.

**ECHOCARDIOGRAM FINDINGS**

2D, m-mode, color flow and Doppler imaging is available.

**Left ventricle:** The LV diameter is normal with adequate myocardial function. The LV wall thicknesses are normal with regions of asymmetry. False tendon. There is a diffusely hyperechoic endocardium consistent with fibrosis. The papillary muscles appear hyperechoic. The endocardium is irregular.

**Left atrium:** The left atrium is borderline normal in dimension. No obvious spontaneous contrast or thrombi seen.

**Mitral valve:** The mitral valve is normal in structure and mobility. Suspicion for mild systolic anterior motion on 2D imaging. No mitral regurgitation.

**Aortic valve/Aorta:** The aortic valve is normal in morphology and mobility. Normal aortic outflow velocity. No aortic insufficiency.

**Right ventricle:** Normal right ventricular diameter and morphology indicating no overt evidence of pulmonary arterial hypertension.

**Right atrium:** The right atrium is normal in dimension.

**Tricuspid valve:** The tricuspid valve appears normal with no tricuspid regurgitation.

**Pulmonic valve/Pulmonary artery:** The pulmonic valve is normal in morphology and mobility. No pulmonic insufficiency. Normal RVOT velocity; laminar flow.

**Pericardium/other:** No pericardial or pleural effusion noted. No obvious cardiac masses.

**INTERPRETED BY**

Maggie Machen  
Lamy, DVM  
DACVIM (Cardiology)

**2-Dimensional Measurements**

Ao diam (cm)	1.1
LA diam (cm)	1.3
LA:Ao (Swe)	1.2
IVS thickness (cm)	0.5
LVID diastole (cm)	1.6
PW thickness (cm)	0.5
LVID systole (cm)	0.8
FS (%)	50

**Doppler Measurements**

PV Vmax (m/s)	0.85
AoV Vmax (m/s)	1.1
MR Vmax (m/s)	NA
TR Vmax (m/s)	NA
TR PG (mmHg)	NA

**IMAGING**

**PERFORMED BY**

Pamela Harrigan,  
RDCS

**INTERPRETATION OF THE FINDINGS**

Overtly normal structure and function are documented in this study. The LV wall thickness is normal albeit irregular, and there is no evidence of elevated left atrial pressure. The murmur appears to be due to mild intermittent LVOTO, which is of unknown significance at this time; however, monitoring is advised as this may be the first marker for HOCM in the future. There is remodeling and fibrosis of the left ventricular wall, which should be monitored for progression.

Prognosis is open prior to monitoring for progression.

**HOSPITAL NAME**

Mass Veterinary Services

**REFERRING VET**

Dr. Masloski

**INVOICE**

24646

**DATE**

6/8/22



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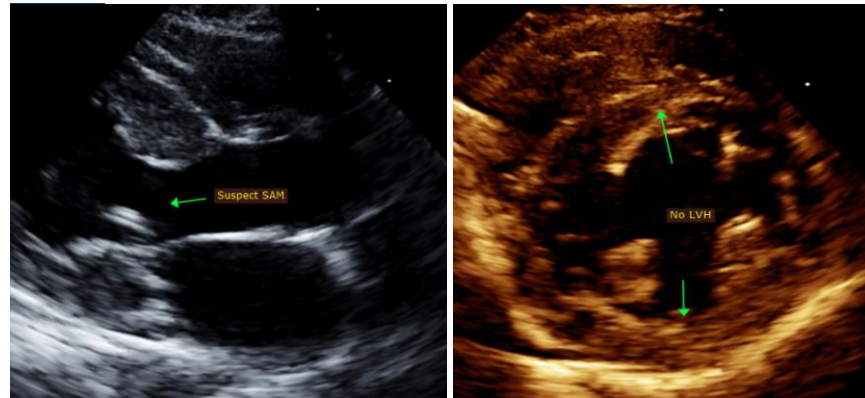
**RECOMMENDATIONS**

- Given these findings, no medications are indicated.
- No cardiac contraindication for general anesthesia. Mild IV fluid restriction is advised. Avoid heart rate stimulating drugs such as Atropine unless clinically indicated.
- Monitor for any change in breathing rate or effort, or signs of a blood clot event.

**PLAN**

- Recheck echocardiogram is recommended in 6-12 months to screen for progression.

**IMAGES**



**INTERPRETED BY**

Maggie Machen  
Lamy, DVM  
DACVIM (Cardiology)

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. This report was generated using transcription software, and minor dictation errors may be present. If the clinical or image interpretation does not parallel your findings or if I can be of any further assistance, please contact me.

**IMAGING PERFORMED BY**

Pamela Harrigan,  
RDCS

Maggie Machen Lamy, DVM  
Diplomate of the American College of Veterinary Internal Medicine (Cardiology)  
info@sonopath.com

**HOSPITAL NAME**

Mass Veterinary Services

Echocardiogram performed by: Pamela Harrigan, RDCS  
Pet Animal Ultrasound Service (4paus.com)

**REFERRING VET**

Dr. Masloski

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