



**PATIENT PRESENTING CLINICAL SIGNS**

Ellie Franklin

History: Littermate recently diagnosed with HCM so performing screening echo. Sedated with Butorphanol/Alfaxalone.

**SPECIES ECHOCARDIOGRAM FINDINGS**

Feline

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

**BREED**

DSH

**Left ventricle:** The LV diameter is normal with adequate myocardial function. The LV wall thicknesses are largely normal. There is minimal endocardial fibrosis. The papillary muscles appear normal.

**SEX**

Female Spayed

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

**Mitral valve:** The mitral valve is normal in structure and mobility. No obvious systolic anterior motion is seen.

**AGE**

7 years

**Aortic valve/Aorta:** The aortic valve is normal in morphology and mobility. Normal aortic outflow velocity; laminar flow. 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.

**WEIGHT**

12.4lbs

**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.

**Heart rhythm:** ECG reveals a sinus rhythm with an average HR of 180bpm.

**INTERPRETED BY**

Maggie Machen  
Lamy, DVM  
DACVIM (Cardiology)

**2-Dimensional Measurements**

Ao diam (cm)	1.1
LA diam (cm)	1.1
LA:Ao (Swe)	1.0
IVS thickness (cm)	0.43
LVID diastole (cm)	1.25
PW thickness (cm)	0.43
LVID systole (cm)	0.41
FS (%)	67

**Doppler Measurements**

PV Vmax (m/s)	0.46
AoV Vmax (m/s)	0.64
MR Vmax (m/s)	NA
TR Vmax (m/s)	NA
TR PG (mmHg)	NA

**IMAGING PERFORMED BY**

Pamela Harrigan,  
RDMS

**INTERPRETATION OF THE FINDINGS**

**HOSPITAL NAME**

Falmouth Animal  
Hospital

Overtly normal cardiac structure and function. The LV wall thickness is normal and there is no evidence of elevated left atrial pressure. There is mild remodeling and fibrosis of the left ventricular wall, which is considered normal.

**REFERRING VET**

Dr. Switzer

Prognosis is open at this time.

**INVOICE**

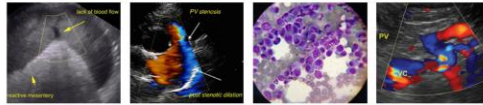
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**RECOMMENDATIONS**

- Given these findings, no medications are indicated.
- Baseline BP recommended.
- No cardiac contraindication for general anesthesia.
- Monitor for any clinical evidence of cardiac compromise, including respiratory changes and/or signs of a blood clot event (paralysis, neurologic changes, etc.).

**DATE**

11/21/22



**PATIENT**

Ellie Franklin

**PLAN**

- Recommend recheck echocardiogram annually due to familiar history of HCM, sooner if a murmur or clinical signs arise.

**SPECIES**

Feline

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**IMAGES**



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.

**Maggie Machen Lamy, DVM**  
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**IMAGING PERFORMED BY**

Pamela Harrigan,  
 RDCS

**HOSPITAL NAME**

Falmouth Animal  
 Hospital

**REFERRING VET**

Dr. Switzer

**INVOICE**

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**DATE**

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