



**PATIENT**

Freddy Sarafit

**SPECIES**

Feline

**BREED**

English SH

**SEX**

Male Neutered

**AGE**

2 years

**WEIGHT**

12.2lbs

**INTERPRETED BY**

Maggie Machen Lamy,  
DVM, DACVIM  
(Cardiology)

**IMAGING PERFORMED BY**

Cole England, DVM

**HOSPITAL NAME**

Blue Cross Animal  
Clinic

**REFERRING VET**

Dr. Sprott-Smith

**INVOICE**

46899

**DATE**

2/18/26

**PRESENTING CLINICAL SIGNS**

History: Episodes of coughing after running around. Was previously diagnosed with "heart issues" in Iran and was started on Clopidogrel (18.75mg q24h), Furosemide (5mg q12h), and Atenolol (6.25mg q24h). No murmur. CXR: Normal (not available).

**ECHOCARDIOGRAM FINDINGS**

2D, m-mode, color flow and doppler imaging is available. The left ventricular wall is normal in dimension. The endocardium appears normal. The papillary muscles are normal in size and architecture. The left atrium is normal in size. The right atrium is normal in size. The right ventricle appears normal. The mitral valve is normal in structure and mobility. No MR seen. Normal flow through both the RVOT and LVOT. No obvious TR, AI or PI. No congenital defects are observed. No pleural or pericardial effusion seen. No obvious cardiac tumors.

**CARDIAC CHART**

FELINE CARDIAC PARAMETERS	BODY WEIGHT (kg)	HR (BPM)	IVSd (cm) (Moise, Pipers)	LVIDd (cm) (Moise, Pipers)	LVWd (cm) (Moise, Pipers)	FS (%)	EF (%)
<b>NORMAL PARAMETER</b>	-----	150-240	0.35-0.55	<2 (mean 1.5)	3.5-0.55	35-67	80-100
<b>PATIENT</b>	5.5	NM	0.46	1.35	0.47	52	86
FELINE CARDIAC PARAMETERS	LA/AO (Boon)	LA/AO HEART BASE (Swe) (Abbott)	LA 2D short axis Base view (cm) (Abbott)		LVOT VEL (m/s)	RVOT VEL (m/s)	E max (m/s)
<b>NORMAL</b>	<1.5	<1.3	<1.2		<1.6	<1.3	<0.9
<b>PATIENT</b>	NM	1.3	1.2		1.0	0.8	NM

*\*Note: All measurements based upon multi-modal images and methods. An average value is reported.*  
 Adapted from June Boon, Veterinary Echocardiography, 1998  
 Abbott J & MacLean H JVIM 2006;20: 111-119, Moise et al. Am J Vet Res 47:1476, 1986. Pipers et al. Am J Vet Res 40:882, 1979.

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Overtly normal cardiac structure and function. The LV wall thickness is normal and there is no evidence of elevated left atrial pressure. No significant valve leaks are identified, and flow through the great vessels is normal. No obvious congenital issues are documented.

These findings would suggest cardiac medications are unnecessary in this case. Unless further information is available, suggesting otherwise, recommend wean and discontinue as below.

A cough in cats is rarely due to heart disease and is ruled out in this case. Further workup may be necessary, such as repeat CXR, etc.

Given these findings, no medications are indicated. It is important to note that phenotypic HCM can develop at any phase of life in cats (particularly in this predisposed breed) and often does



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not accompany a heart murmur or PE abnormalities. Periodic screening is ideally recommended in all cats.

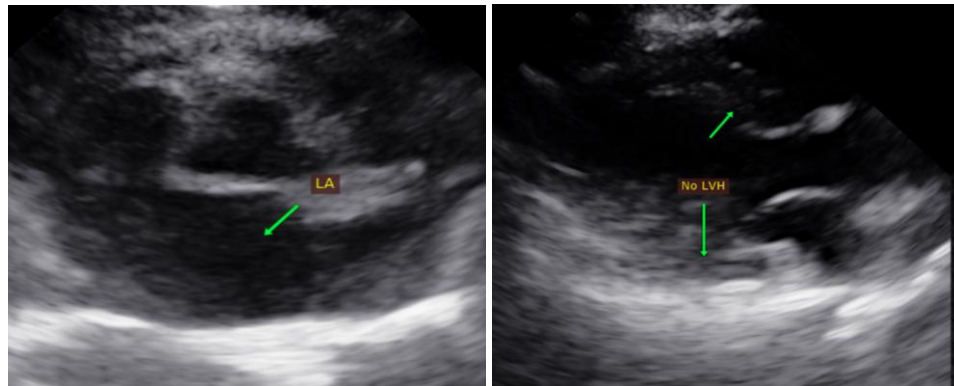
No cardiac contraindication for general anesthesia at this time.

## PLAN

Consider discontinue Plavix and Atenolol. Wean Furosemide by 50% for 1 week, then discontinue.

Recommend recheck echocardiogram in 1 year to assess for development of disease, sooner if a murmur/gallop or clinical signs develop in the interim.

## 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.

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