



**PATIENT**

Sofia Cote

**SPECIES**

Feline

**BREED**

DSH

**SEX**

Female Spayed

**AGE**

5 years

**WEIGHT**

13lbs

**INTERPRETED BY**

Maggie Machen Lamy,  
DVM, DACVIM  
(Cardiology)

**IMAGING PERFORMED BY**

Karen Ebersole,  
DVM, DABVP

**HOSPITAL NAME**

Scanvet

**REFERRING VET**

Dr. Norman

**INVOICE**

30462

**DATE**

4/26/23

**PRESENTING CLINICAL SIGNS**

History: Seizure-like episodes. Grade 1/6 heart murmur. Also has Cerebellar Hypoplasia.

**ECHOCARDIOGRAM FINDINGS**

2D, m-mode, color flow and doppler imaging is available. The left ventricular wall is largely normal in dimension. Borderline LV dilation. Mild endocardial remodeling. Normal papillary muscles. 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. Blood flow through both the LVOT and RVOT is normal in velocity. No TR. No valve regurgitation seen. No obvious cardiac or extra-cardiac shunts. 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)	LWVd (cm) (Moise, Pipers)	FS (%)	EF (%)
NORMAL PARAMETER	-----	150-240	0.35-0.55	<2 (mean 1.5)	3.5-0.55	35-67	80-100
PATIENT	5.9	188	0.49	1.4	0.48	55	90
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)
NORMAL	<1.5	<1.3	<1.2		<1.6	<1.3	<0.9
PATIENT	1.5	1.3	1.2		0.95	0.9	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 or right atrial pressure. The valve morphologies appear normal, and flow through the great vessels is unremarkable. No obvious cause for the murmur is identified in this study, making it likely physiologic in origin.

Given these findings, no medications are indicated. No cardiac contribution to a recent collapse episode is suspected based upon this study. Further evaluation, such as an ECG, blood pressure, neurologic evaluation, etc. should be considered.

No cardiac contraindication for general anesthesia.

Recommend recheck echocardiogram in 1 year, to screen for any progressive issues.



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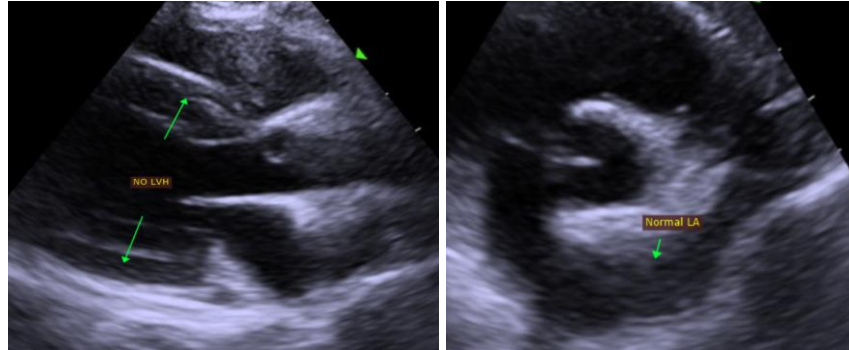
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**IMAGES**



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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