



**PATIENT**

Milo Beeber

**PRESENTING CLINICAL SIGNS**

History: Grade 4/6 heart murmur.

**SPECIES**

Feline

**ECHOCARDIOGRAM FINDINGS**

Primarily 2D loops are included with limited color flow. What can be said is the left ventricle is moderate to severely hypertrophied and the LA is mildly dilated (for this age patient). The mitral valve motion appears abnormal on long axis, and SAM is suspected. The right heart is overtly normal. No pleural or pericardial effusion seen. No obvious cardiac tumors.

**BREED**

Bengal

**CARDIAC CHART**

**SEX**

Male Intact

FELINE CARDIAC PARAMETERS	BODY WEIGHT (kg)	HR (BPM)	IVSd (cm) (Moise, Pipers)	LVIDd (cm) (Moise, Pipers)	LWWd (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	3.2	NM	0.68	1.28	0.67	50	92
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	NM	1.5	1.2		NM	NM	NM

**AGE**

5 months

**WEIGHT**

7lbs

**INTERPRETED BY**

Maggie Machen Lamy, DVM, DACVIM (Cardiology)

*\*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.

**IMAGING PERFORMED BY**

E. Petrone, DVM

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Limited images are submitted; however, there is significant underlying structural disease suspected. The LV wall thickness is significantly increased, which in a kitten likely suggests primary pathology. Causes for this are not fully explored, such as SAM and **advanced imaging is strongly recommended**. The LA is mildly dilated, suggesting there may be risk for complication going forward.

**HOSPITAL NAME**

Long Branch Animal Hospital

Highly recommend referral to a local Cardiologist for a complete echocardiogram in this case. Medications may be warranted depending on the cause of the heart murmur, which is not explored in this study.

**REFERRING VET**

Dr. Petrone

Prognosis is guarded due to significance of the findings at such a young age. Monitor for breathing rates at home to screen for signs of decompensation.

**INVOICE**

29278

**PLAN**

Consider referral to a local Cardiologist.

**DATE**

2/28/23



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(Cardiology)

**IMAGING  
PERFORMED BY**

E. Petrone, DVM

**HOSPITAL NAME**

Long Branch Animal  
Hospital

**REFERRING VET**

Dr. Petrone

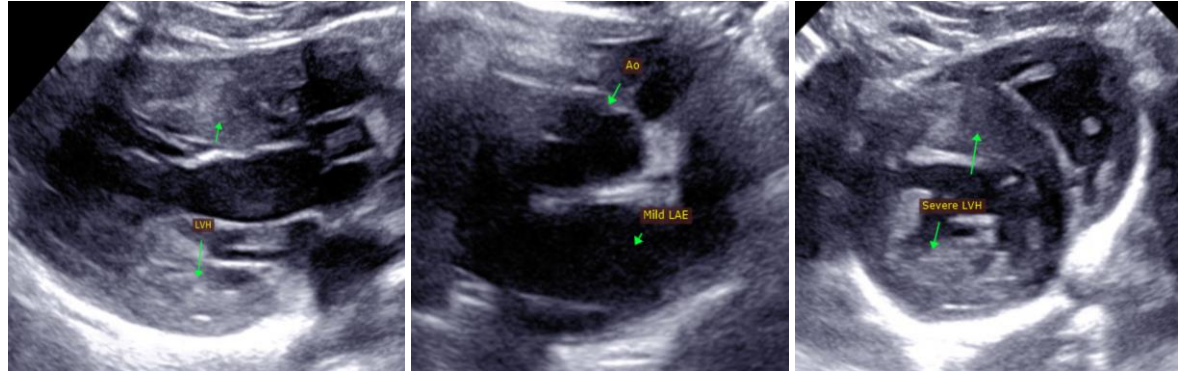
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**DATE**

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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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