


**PATIENT**

BB Jullian

**PRESENTING CLINICAL SIGNS**

 History: Recheck echo. Increased heart murmur, from grade 2/6 to 4/6. Assess prior to dental.  
 -Pertinent previous echo findings (9/2021 MML): Intermittent LVOTO, no LVH, mild remodeling. NMA at that time.

**SPECIES**

Feline

**ELECTROCARDIOGRAPHIC FINDINGS**

 A six lead ECG is available at 25mm/s; 10mm/mV. The average heart rate is 150bpm. The rhythm is sinus in origin, with a p for every QRS complex and vice versa. The P wave morphology is positive with a normal dimension. Normal PR. The QRS morphology is positive with normal dimension. MEA is normal. No ectopic beats, pauses or dysrhythmias observed.  
 ECG diagnosis: Normal sinus rhythm.

**BREED**

DSH

**SEX**

Male Neutered

**ECHOCARDIOGRAM FINDINGS**

2D, m-mode, color flow and doppler imaging is available. The left ventricular wall is normal in dimension. The endocardium appears mildly remodeled. The papillary muscles are normal. 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 obvious valve regurgitation. Blood flow through both the LVOT and RVOT is normal in velocity; however, an intermittent LVOTO is suspected on spectral doppler. No pleural or pericardial effusion seen. No obvious cardiac tumors.

**AGE**

3 years

**WEIGHT**

9.7lbs

**CARDIAC CHART**
**INTERPRETED BY**

 Maggie Machen Lamy,  
 DVM, DACVIM  
 (Cardiology)

FELINE CARDIAC PARAMETERS	BODY WEIGHT (kg)	HR (BPM)	IVSd (cm) <small>(Moise, Pipers)</small>	LVIDd (cm) <small>(Moise, Pipers)</small>	LVWd (cm) <small>(Moise, Pipers)</small>	FS (%)	EF (%)
NORMAL PARAMETER	-----	150-240	0.35-0.55	<2 (mean 1.5)	3.5-0.55	35-67	80-100
PATIENT	4.4	NM	0.40	1.35	0.45	50	86
FELINE CARDIAC PARAMETERS	LA/AO (Boon)	LA/AO HEART BASE (Swe) <small>(Abbott)</small>	LA 2D short axis Base view (cm) <small>(Abbott)</small>	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	1.3	1.2	1.6	1.3	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.

**IMAGING PERFORMED BY**

 Dana Alterman,  
 RDMS, LVT

**HOSPITAL NAME**

Eubank Animal Clinic

**REFERRING VET**

Dr. Garb

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Compared to the prior study, findings are similar. No LVH has developed, and the outflow tract obstruction appears intermittent. The LA is normal, and no additional issues identified. The ECG is unremarkable with a normal sinus rhythm.

**INVOICE**

30650

Given these findings, no medications are indicated.

**DATE**

5/8/23

No cardiac contraindication for general anesthesia.



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Recommend recheck echocardiogram annually, sooner if clinical signs arise.

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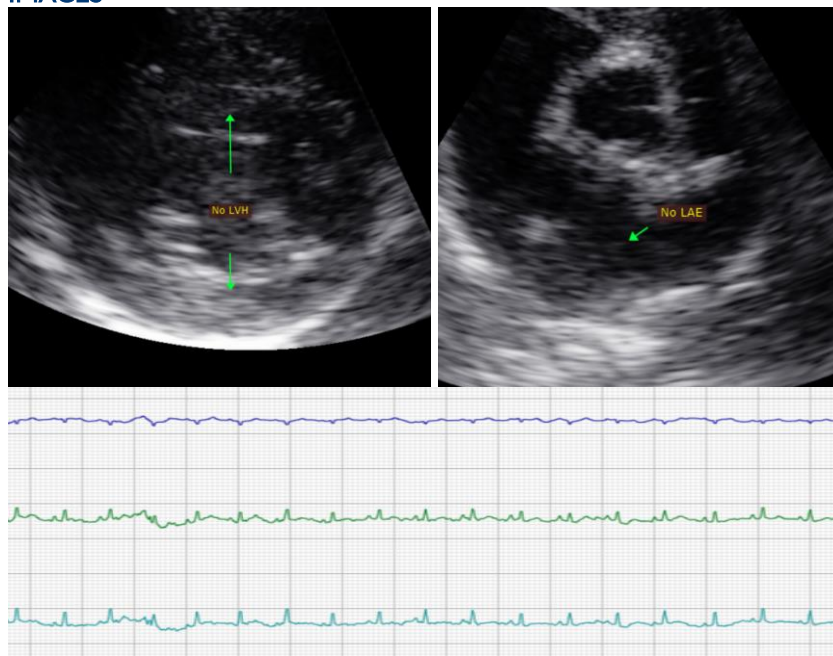
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**IMAGES**



**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.

**IMAGING PERFORMED BY**

Dana Alterman,  
RDCS, LVT

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**  
**Diplomate of the American College of Veterinary Internal Medicine (Cardiology)**  
info@sonopath.com

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**DATE**

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