



PATIENT

Gillian Rowland-Lee

PRESENTING CLINICAL SIGNS

History: Grade 4/6 heart murmur. Normal ProBNP.

SPECIES

Feline

ELECTROCARDIOGRAPHIC FINDINGS

A six lead ECG is available at 25mm/s; 10mm/mV. The average heart rate is 190bpm with a largely regular rhythm. 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 is low voltage. The MEA is determinant. No ectopic beats, pauses or dysrhythmias observed.

BREED

DSH

ECG diagnosis: Normal sinus tachycardia.

SEX

Female Spayed

ECHOCARDIOGRAM FINDINGS

2D, m-mode, color flow and doppler imaging is available. The left ventricular wall is largely normal in dimension. No 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. Trace TR. No obvious additional valve regurgitation seen. No obvious cardiac or extra-cardiac shunts. No pleural or pericardial effusion seen. No obvious cardiac tumors.

AGE

1.5 years

CARDIAC CHART

WEIGHT

12.1lbs

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	5.5	NM	0.40	1.4	0.42	60	94
FELINE CARDIAC PARAMETERS	LA/AO <small>(Boon)</small>	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	1.0	0.5	0.8	NM	

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

Sara Hansen

HOSPITAL NAME

West Hills Animal Hospital

REFERRING VET

Dr. Glaze

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 there are no obvious cardiac shunts. No obvious cause for the murmur is identified in this study, making it likely physiologic in origin. The ECG is unremarkable with a normal sinus rhythm.

INVOICE

30127

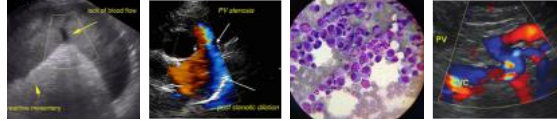
Given these findings, no medications are indicated. Prognosis is open.

DATE

4/7/23

No cardiac contraindication for general anesthesia.

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



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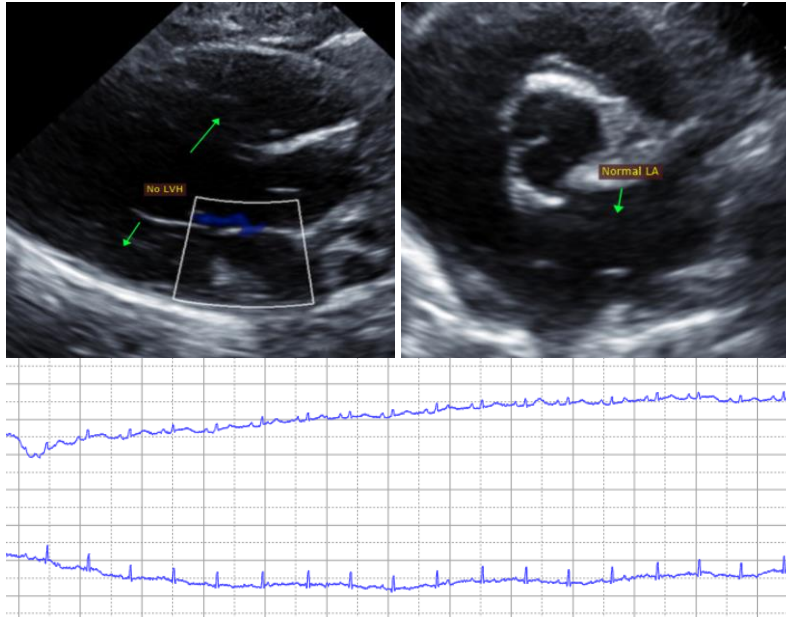
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IMAGES



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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