


**PATIENT**

Parsnip Thomas

**PRESENTING CLINICAL SIGNS**

 History: Recheck echo. Doing well.  
 -Pertinent previous echo findings (11/2020 MML): Normal with LV remodeling.

**SPECIES**

Feline

**ECHOCARDIOGRAM FINDINGS**

2D, m-mode, color flow and doppler imaging is available. The left ventricular wall is normal in dimension. There is an irregular hyperechoic endocardium consistent with fibrosis. The endocardium also appears remodeled. Mild papillary muscle hypertrophy. 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. Blood flow through both the LVOT and RVOT are normal in velocity. No cardiac tumors are seen. No pleural or pericardial effusion.

**BREED**

DSH

**SEX**

Male Neutered

**CARDIAC CHART**
**AGE**

11 years

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 (%)
<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>	5.62	150	0.52	1.1	0.50	39	73
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)
<b>NORMAL</b>	<1.5	<1.3	<1.2		<1.6	<1.3	<0.9
<b>PATIENT</b>	1.1	1.1	1.1		1.0	1.8	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.

**WEIGHT**

12.4lbs

**INTERPRETED BY**

 Maggie Machen Lamy,  
 DVM DACVIM  
 (Cardiology)

**IMAGING PERFORMED BY**

Crystal Hill, RVT

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Persistently normal cardiac structure and function is identified in this study. The LV appears similar to previous with no significant hypertrophy or LA enlargement noted.

**HOSPITAL NAME**

 Hawkins Animal  
 Hospital

Given these findings, no medications are indicated and there is no obvious contraindication for general anesthesia if needed. Mild IV fluid restriction is advised.

**REFERRING VET**

Dr. Hawkins

Recommend recheck echocardiogram in 12-18 moths to screen for any progressive changes.

**INVOICE**

26086

**DATE**

8/29/22



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**HOSPITAL NAME**

Hawkins Animal  
Hospital

**REFERRING VET**

Dr. Hawkins

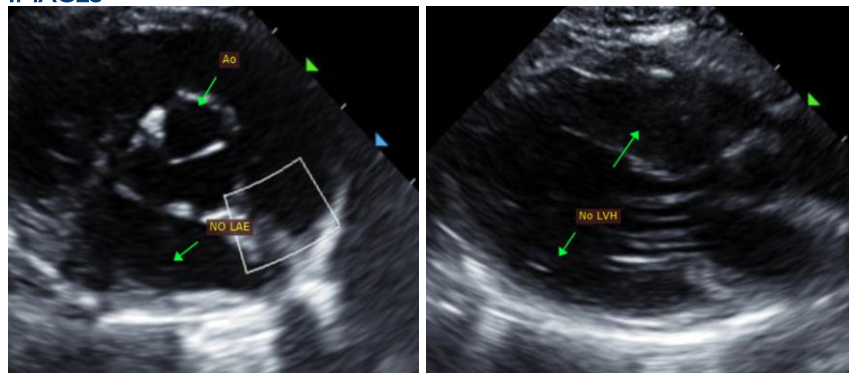
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**IMAGES**



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