

**PATIENT**

Gracie Gooberry Long

SPECIES

Feline

BREED

DSH

SEX

Female Spayed

AGE

4.1.13

WEIGHT

13lbs

INTERPRETED BYMaggie Machen Lamy,
DVM, DACVIM
(Cardiology)**HOSPITAL NAME**Cat Sense Feline
Hospital**REFERRING VET**

Dr. Sinclair

INVOICE

23994

DATE

5.3.22

PRESENTING CLINICAL SIGNS

History: Recheck echo. Heart murmur is still a grade 1/6. Assess prior to dental.

-Current medications: Gabapentin 100mg given the am of procedure.

-Sedation used: Not required to complete full diagnostic ultrasound.

-Pertinent previous ultrasound results (2019 MML): Normal with mild fibrosis, Trivial MR.

-STAT: Not requested.

-Imaging performed by: Stephanie Pearce RDCS, RVT.

ECHOCARDIOGRAM FINDINGS

2D, m-mode, color flow and doppler imaging is available. The left ventricular wall is normal in dimension; however, there is an asymmetric appearance. There is a diffusely hyperechoic endocardium consistent with fibrosis. The endocardium also appears remodeled. 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. Trivial MR. Blood flow through both the LVOT and RVOT are normal in velocity. Mild aortic insufficiency. No obvious cause for the murmur is identified.

CARDIAC CHART

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	3.5-0.55	<2 (mean 1.5)	3.5-0.55	35-67	80-100
PATIENT	5.9	NM	0.41	1.5	0.42	57	90
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	1.2	0.9	0.8	NM	

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

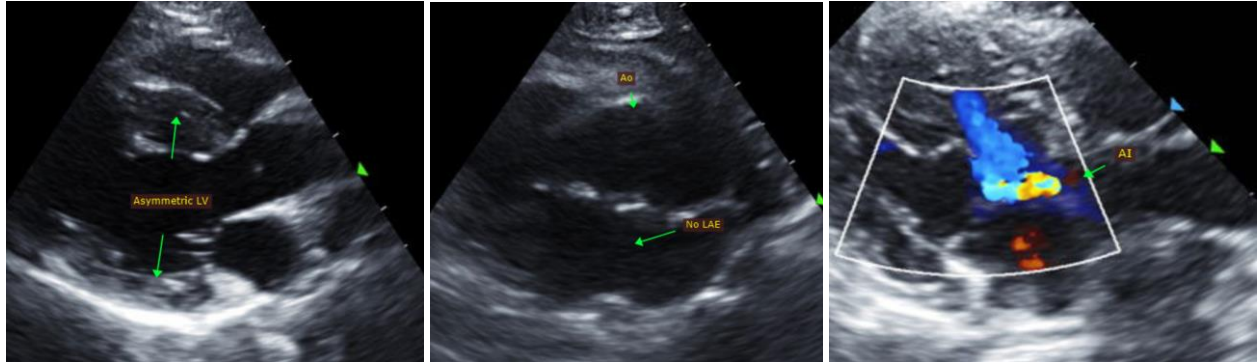
Unchanged cardiac dimensions and function. The LV wall remains largely normal in dimension; however, an asymmetric appearance is noted. Mild remodeling and fibrosis is unchanged, and the LA remains normal. A small aortic leak has developed, and a baseline blood pressure is recommended. No additional issues are identified.

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

No cardiac contraindication for general anesthesia. Judicious IV fluid use is recommended.

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

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.

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