


**PATIENT**

Jasmine Clapiz

**PRESENTING CLINICAL SIGNS**

History: History of chronic rhinitis. Has been retching lately. Was given Gabapentin for scan. Noted gallop rhythm on exam.

**SPECIES**

Feline

-Abnormal PE/Chem/CBC/UA Results: Bloodwork showed M2 elevation in SDMA and high normal TT4.

-Radiographs: Showed slight globoid heart and loss of cranial cardiac waist on lateral view.

**BREED**

Ragdoll

**ECHOCARDIOGRAM FINDINGS**

2D, m-mode, color flow and doppler imaging is available. The left ventricular wall is normal in dimension with regions of irregular. There is a mildly hyperechoic endocardium consistent with mild fibrosis. The endocardium also appears mildly remodeled. The papillary muscles are normal in size and hyperechoic. 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. Trace TR. Normal velocity. No other obvious valve regurgitation. Blood flow through both the LVOT and RVOT is normal in velocity. No pleural or pericardial effusion seen. No obvious cardiac tumors.

**AGE**

14 years

**CARDIAC CHART**
**WEIGHT**

8.4lbs

**INTERPRETED BY**

 Maggie Machen Lamy,  
 DVM DACVIM  
 (Cardiology)

FELINE CARDIAC PARAMETERS	BODY WEIGHT (kg)	HR (BPM)	IVSd (cm) (Moise, Pipers)	LVIDd (cm) (Moise, Pipers)	LVWd (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	3.8	140	0.49	1.4	0.48	39	73
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	1.2	1.2	1.0		1.0	0.9	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**

Kelly Reschny, RVT

**HOSPITAL NAME**

 Grand River  
 Veterinary Hospital

**REFERRING VET**

Dr. Hornak/Day

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Overtly normal cardiac structure and function. The LV has an irregular morphology, which may suggest age-related ventricular remodeling. This can cause a gallop in senior cats; however, monitoring for progression is advised. There is mild remodeling and fibrosis of the left ventricular wall, which is considered likely a normal age-related finding. Given these findings, no medications are indicated.

**INVOICE**

27177

**DATE**

10/28/22

Anesthetic risk is considered mild. With remodeling and diastolic stiffening, there is an elevated risk for fluid overload in this patient and judicious IV fluid use is recommended. Heart rate stimulating drugs such as atropine, glycopyrrolate or ketamine should be avoided unless medically necessary. Risk for complication with steroid use typically follows LA dilation, which in this case is low. That being said, any cat can experience



**PATIENT**

Jasmine Clapiz

unexpected signs of intolerance and monitoring of RR/RE is advised particularly in the initiation phase.

**SPECIES**

Feline

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

**BREED**

Ragdoll

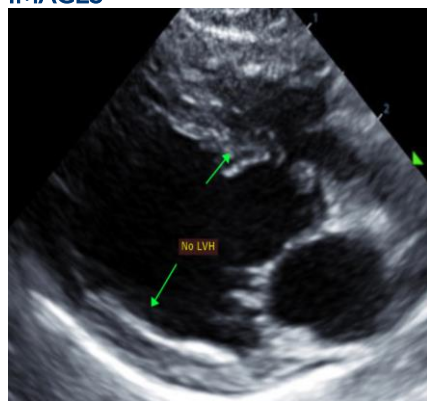
**SEX**

Female Spayed

**AGE**

14 years

**IMAGES**



**WEIGHT**

8.4lbs

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.

**INTERPRETED BY**

Maggie Machen Lamy,  
DVM DACVIM  
(Cardiology)

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

**IMAGING PERFORMED BY**

Kelly Reschny, RVT

**HOSPITAL NAME**

Grand River  
Veterinary Hospital

**REFERRING VET**

Dr. Hornak/Day

**INVOICE**

27177

**DATE**

10/28/22