

**PATIENT**

Geordie Grochocinski

**SPECIES**

Feline

**BREED**

DSH

**SEX**

Neutered Male

**AGE**

2 Years

**WEIGHT**

4.6 kg

**INTERPRETED BY**

Sara Brethel, DVM,  
 DACVIM (Cardiology)

**IMAGING PERFORMED BY**

Amanda Stewart

**HOSPITAL NAME**

Graham Animal  
 Hospital

**REFERRING VET**

Dr. Seager

**INVOICE**

14925

**DATE**

04/07/26

**PRESENTING CLINICAL SIGNS**

Grade I/VI intermittent HMR found at annual exam Aug 2025. Grade I/VI consistent HMR found PMI left base on today's recheck visit. No clinical signs CHF.

Current Medications: Will arrive with 100mg Gabapentin PO

No labwork. BP's taken: 260/126/170 209/134/159 232/134/159 241/100/147 207/105/139 212/139/163 197/140/159 Radiographic Findings no rads taken Primary Question to Be Answered in This Exam cause of murmur, concerns with longevity, prognosis, etc. Hoping is physiologic. :)

**ULTRASONOGRAPHIC EXAMINATION OF THE HEART**

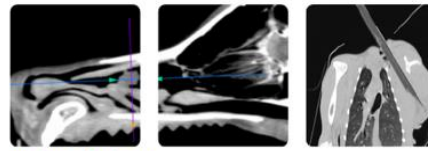
FELINE CARDIAC PARAMETERS	BODY WEIGHT (kg)	HR (BPM)	IVSd (cm)	LVIDd (cm)	LVWd (cm)	FS (%)	EF (%)
NORMAL PARAMETER	-----	150-240	0.3-0.6	1.0-2.1	0.25-0.6	35-67	80-100
PATIENT	4.6	205	0.48	1.35	0.37	51.11	--
FELINE CARDIAC PARAMETERS	LA/AO (M-mode)	LA/AO HEART BASE (Sisson)	LAD LA MAX 4 Chamber		LVOT VEL (m/s)	RVOT VEL (m/s)	LVIDs (m/)
NORMAL PARAMETER	<1.5	1.6	0.7-1.7		<1.6	<1.3	
PATIENT	--	1.26	--		1.26	0.96	0.66
Adapted from June Boon, Veterinary Echocardiography, 1998 Sisson D et al. JVIM 1991; 5: 232, Jacobs et al. Am J Vet Res 1985; 46:1705							

**Cardiac Presentation**

The mitral valve leaflets are normal and there is no mitral regurgitation. The left atrial size is normal. There is no evidence of systolic anterior motion of the mitral valve and no evidence of a left ventricular outflow tract obstruction. Left ventricular systolic and diastolic function is within normal limits. There is no evidence of left ventricular concentric hypertrophy. There is normal right atrial size without evidence of tricuspid regurgitation. There is no prolapse of the tricuspid valve leaflets and no evidence of pulmonary hypertension on the images provided. The right ventricle appears normal in structure and function subjectively. The aortic and pulmonic valves have normal morphology and the corresponding outflow velocities are within normal limits. There is no evidence of pulmonic or aortic insufficiency. The aorta appears normal. The pulmonary artery and associated branches appear normal. There is no evidence of pleural effusion, pericardial effusion, or intracardiac masses.

**ULTRASONOGRAPHIC FINDINGS**

- Structurally normal heart.



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**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The heart is structurally normal. A cause of the murmur is not identified and is therefore likely innocent. While there is no evidence of cardiac disease on this evaluation, cardiac disease can still develop as the patient gets older.

The patient's blood pressures are severely increased. Given the lack of target organ damage and clinical signs, this is suspected to be spurious. Continued monitoring of the blood pressure is recommended to ensure this patient does not have underlying systemic hypertension. If hypertension is identified, recommend following ACVIM guidelines for systemic hypertension. Due to the presence of a murmur, I would recommend a recheck echo in 1 year.



The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

Thank you for this referral. If the clinical or image interpretation does not parallel your findings or if I can be of any further assistance please contact me.

Sara Brethel, DVM, DACVIM (Cardiology)

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