

**PATIENT**

Gabby Von Hausen

**SPECIES**

Feline

**BREED**

DSH

**SEX**

Spayed Female

**AGE**

12 Years

**WEIGHT**

3.08 kg

**INTERPRETED BY**

Sara Brethel, DVM,  
 DACVIM (Cardiology)

**IMAGING PERFORMED BY**

Amanda Stewart

**HOSPITAL NAME**

New Hamburg VC

**REFERRING VET**

Dr. Von Hausen

**INVOICE**

35668

**DATE**

2/2/26

**PRESENTING CLINICAL SIGNS**

- Grade 1 systolic heart murmur since finding her as a 1 year old stray in 2019
- Has fluctuated in grade between 1-2 over last few years
- No additional concerns on PE except chronic sinusitis and FORLS
- Pre-anesthetic screening US prior to dental this month
- Current Medications: 50mg Gabapentin, torb, propofol
- Abnormal PE/Chem/CBC/UA Results: n/a TT4 WNL Radiographic Findings n/a Primary Question to Be Answered in This Exam physiologic vs other cause of murmur? stability for anesthesia? anesthetic protocol?

**ULTRASONOGRAPHIC EXAMINATION OF THE HEART**

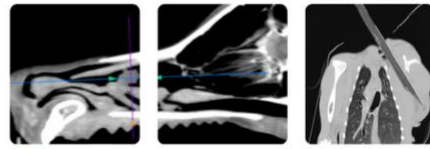
FELINE CARDIAC PARAMETERS	BODY WEIGHT (kg)	HR (BPM)	IVSd (cm)	LVIDd (cm)	LVWd (cm)	FS (%)	EF (%)
<b>NORMAL PARAMETER</b>	-----	150-240	0.3-0.6	1.0-2.1	0.25-0.6	35-67	80-100
<b>PATIENT</b>	3.08	145	0.45	1.3	0.52	50.76	--
FELINE CARDIAC PARAMETERS	LA/AO (M-mode)	LA/AO HEART BASE (Sisson)	LAD LA MAX 4 Chamber		LVOT VEL. (m/s)	RVOT VEL. (m/s)	IVRT (m/)
<b>NORMAL PARAMETER</b>	<1.5	1.6	0.7-1.7		<1.6	<1.3	40-60
<b>PATIENT</b>	1.23	1.11	--		0.62	0.66	NM

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

LVIDs: 0.64

**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



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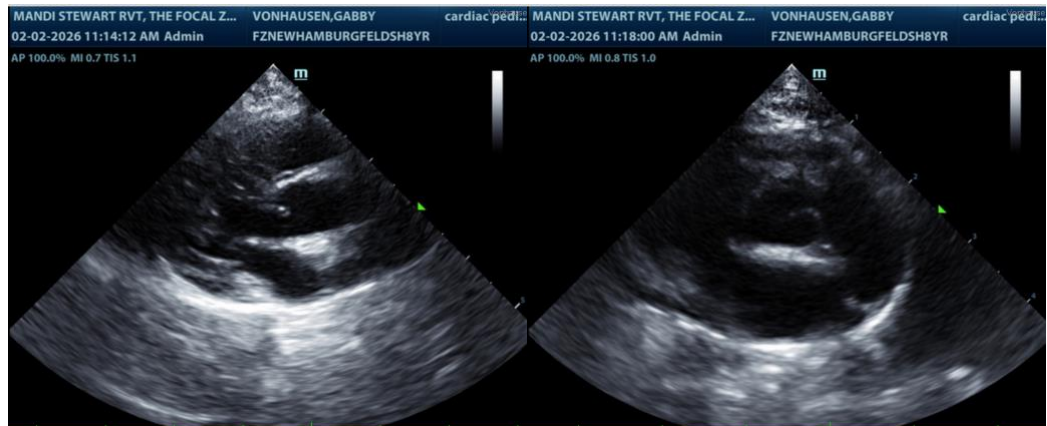
insufficiency. The aorta appears normal. The pulmonary artery and associated branches appear normal. There is no evidence of pleural effusion, pericardial effusion, or intracardiac masses.

**ULTRASONOGRAPHIC FINDINGS**

- Structurally normal heart

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The heart is structurally normal. There is no evidence of disease causing the murmur. The murmur is likely innocent in nature. Recommend ensuring the patient is normotensive as well. I would recommend a recheck echo in one year, as cardiac disease can develop with time. Alternatively, you can perform a proBNP in one year. If the proBNP becomes elevated, then a recheck echo would be recommended at that time.



**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)

[info@SonoPath.com](mailto:info@SonoPath.com)