

**PATIENT**

Cece Girken

**SPECIES**

Feline

**BREED**

DSH

**SEX**

Spayed Female

**AGE**

05/03/15

**WEIGHT**

9.06 pounds

**INTERPRETED BY**

Sara Brethel, DVM,  
DACVIM (Cardiology)

**IMAGING PERFORMED BY**

Stephanie Warga  
RDCS, RVT

**HOSPITAL NAME**

Everhart Animal  
Hospital

**REFERRING VET**

Dr. Hess

**INVOICE**

14462

**DATE**

03/19/26

**PRESENTING CLINICAL SIGNS**

- Progressive weight loss w/ NSF on recent labwork, does have severe dental disease but no change in appetite/intake per owner 1/31/26, dx w/ inner ear infection, ataxia; improved on abx and currently stable. Murmur grade: 3/6.
- Current medications: Pradofloxacin 25mg/ml 15ml Bottle 2/4/2026, GABAPENTIN 300MG CAPSULE 2/2/2026, 01/31/2026Enrofloxacin Otic (Baytril) -15mL 1 Apply 5 drops to both ears every 12 hours.
- Continue until recheck to re-evaluate treatment. Try to clean ears with gauze before applying. Do not use ear flush. 01/31/2026 Marbofloxacin (Zeniquin) Tablets 25mg 4 Give 1/2 of a tablet by mouth every 24 hours with food. Antibiotic.
- Sedation used: Not required to complete full diagnostic ultrasound.
- Pertinent previous ultrasound results: No previous.

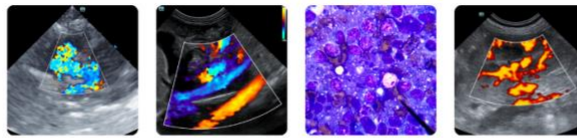
Abnormal PE/Chem/CBC/UA Results: Labwork submitted and attached. Reported as NSF cbc/chem/T4/UA, ova and parasite screening submitted 1/17/26.

**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	4.12	NM	0.52	1.53	0.45	41.17	--
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	NM	1.37	1.42		0.86	0.71	0.9
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



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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.

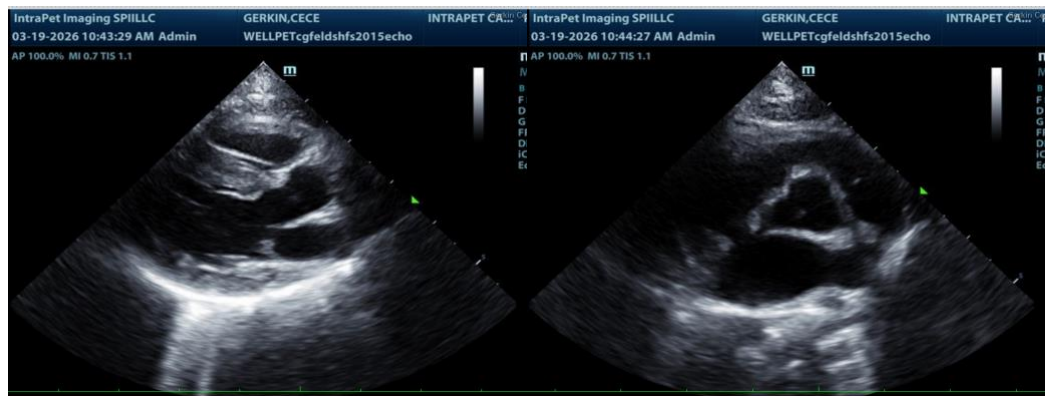
**ULTRASONOGRAPHIC FINDINGS**

- Structurally normal heart.

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The heart is structurally normal. The murmur is likely innocent, as a cause is not identified in the images provided. The cause of the patient's progressive weight loss is not cardiac in nature. Given the presence of the murmur, can consider a recheck echo in 10-12 months.

Alternatively, performing a proBNP. If the proBNP becomes elevated, 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)