



**PATIENT**

Tony Senn

**SPECIES**

Feline

**BREED**

Siamese

**SEX**

Neutered Male

**AGE**

7 Years 11 Months

**WEIGHT**

11 Pounds

**INTERPRETED BY**

Tam Mengine DVM,  
DABVP (Canine/Feline  
Practice)

**PRESENTING CLINICAL SIGNS**

- Grade 3/6 murmur
- Meds: Metronidazole
- Abnormal PE/Chem/CBC/UA Results: WNL

**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>	5.0	173	0.4	1.7	0.4	57	90
FELINE CARDIAC PARAMETERS	LA/AO (m-mode long axis)	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>	1.3	1.3	NM		1.3	1.2	52
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							

**IMAGING PERFORMED BY**

Rebecca Hamilton

**HOSPITAL NAME**

Hamburg VH

**REFERRING VET**

Dr. DenHeyer

**INVOICE**

36121

**DATE**

3/6/26

**Cardiac Presentation**

The **left atrium** is of normal size with no evidence of spontaneous echocardiographic contrast or thrombus formation. The **left ventricle** is normal in diameter with normal wall thickness and demonstrates good systolic function. Ventricular septum diastolic wall measurements are within normal limits. The **right atrium** is subjectively of normal size and **right ventricle** dimensions, and systolic function are subjectively normal. The **mitral, tricuspid, aortic** and **pulmonary valves** all exhibit normal appearance and function, with trivial mitral and tricuspid regurgitation observed. The **main pulmonary artery** appears normal. There is no evidence of pulmonary hypertension. There is no evidence of pericardial or pleural effusion, and no masses are seen.

**ULTRASONOGRAPHIC FINDINGS**

- Normal feline heart. Presumed innocent murmur

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

- There is no evidence of cardiac disease on today's ultrasound. Non-cardiac causes of murmur, such as anemia or fever, should be ruled out, and if none are found then the murmur is likely physiologic.



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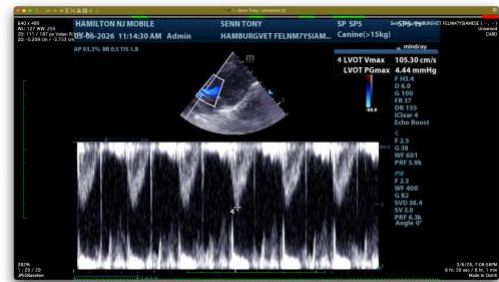
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- Like any cat, this patient could develop heart disease in the future, so if the murmur intensity changes or if signs of cardiac disease develop, a recheck echocardiogram would be recommended. An annual proBNP level may be helpful in monitoring for the development of cardiac disease in the future.



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.

Tam Mengine, DVM, DABVP (canine/feline practice)

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