

PATIENT

Pippin Clausen

SPECIES

Feline

BREED

Maine Coon

SEX

Neutered Male

AGE

4 Months

WEIGHT

6.14 pounds

INTERPRETED BY

Sara Brethel, DVM,
DACVIM (Cardiology)

IMAGING PERFORMED BY

Sara Hansen

HOSPITAL NAME

Aumsville Animal Clinic

REFERRING VET

Dr. Morrow

INVOICE

13594

DATE

02/04/26

PRESENTING CLINICAL SIGNS

- Clinical Exam Findings: Normal PE except heart. Grade 5/6 murmur, HR 200 with Gallop. Strong pulses
- HR/RR/BP: 200/40

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	2.79	NM	0.42	1.3	-0.37	42.33	NM
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/)
NORMAL PARAMETER	<1.5	1.6	0.7-1.7		<1.6	<1.3	40-60
PATIENT	1.83	1.57	--		0.75	0.91	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							

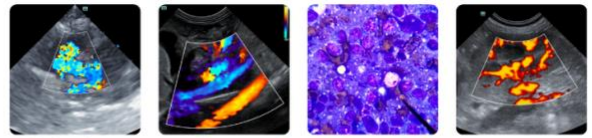
Cardiac Presentation

The mitral valve leaflets appear normal, however, there is evidence of mild mitral regurgitation. The left atrium is mildly enlarged on short and long axis assessment. There does not appear to be evidence of systolic anterior motion of the mitral valve, nor is a left ventricular alveolar tract obstruction identified. Left ventricular dimensions are at the upper limits of normal, however, there is no evidence of concentric hypertrophy. The right atrium appears normal. The tricuspid valve appears normal, but there is evidence of trivial tricuspid regurgitation. Subjectively, the right ventricle appears to have preserved systolic function. Aortic and pulmonic valves have normal morphology without evidence of insufficiency. The aorta, pulmonary artery, and associated pulmonary artery branches appear normal. There is no evidence of pleural effusion, pericardial effusion, or intracardiac masses. Other congenital defects cannot be ruled out.

ULTRASONOGRAPHIC FINDINGS

- Mildly enlarged left atrium.
- Mitral regurgitation.
- Trivial tricuspid regurgitation.
- Left ventricular dimensions upper limits of normal.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS



PATIENT

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The patient has mild left atrial enlargement and left ventricular dimensions are at the upper limits of normal, that combined with mitral regurgitation and trivial tricuspid regurgitation. It is unknown if the patient has some mild dysplastic mitral and tricuspid valves.

SPECIES

Feline

Other congenital defects such as a ventricular septal defect or an atrial septal defect cannot be ruled out. Given the patient's age and the mild changes identified, I would encourage referral to a veterinary cardiologist for further evaluation, especially given the severity of the patient's heart murmur.

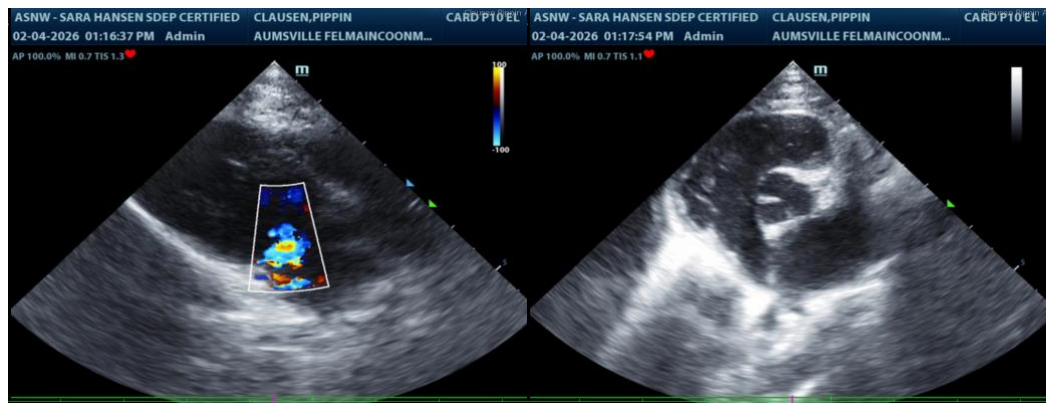
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If not moving forward with a cardiology evaluation, a recheck echo is recommended in 2-4 months. Sooner if the patient is decompensating/developing cardiovascular clinical signs.

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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.

INTERPRETED BY

Sara Brethel, DVM,
DACVIM (Cardiology)

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.

IMAGING PERFORMED BY

Sara Hansen

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