



PATIENT

Maggie Animals In Distress

SPECIES

Feline

BREED

DSH

SEX

Spayed Female

AGE

15

WEIGHT

15.12

INTERPRETED BY

Sara Brethel DVM, DACVIM (Cardiology)

IMAGING PERFORMED BY

Dr. Renee Zeigler-Post

HOSPITAL NAME

For Cats Only VC

REFERRING VET

Dr. Renee Zeigler-Post

INVOICE

35930

DATE

12/16/25

PRESENTING CLINICAL SIGNS

History: Patient previously had an echocardiogram done 12/11/2024 that stated: findings are consistent with hypertrophic cardiomyopathy leading to mild to borderline moderate left ventricular hypertrophy and no current left atrial enlargement. Not on any current cardiac medications.

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	6.87	NM	0.63	1.26	0.54	44.44	--
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	--	1.48	--		--	--	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: 0.7 *No other measurements were obtained.

Cardiac Presentation

There is an arrhythmia present. The left atrium is within normal limits. The mitral valve leaflets are normal and there is no mitral regurgitation. There is no evidence of systolic anterior motion of the mitral valve and no evidence of a left ventricular outflow tract obstruction. There is concentric hypertrophy of the left ventricle. The right atrium is normal. The tricuspid valve is normal without evidence of tricuspid regurgitation. The right ventricle appears to have preserved systolic function subjectively. The aortic and pulmonic valves are normal without evidence of insufficiency. Aortic and pulmonic outflow velocities are within normal limits. The aorta and PA are normal along with the associated PA branches. There is no pleural effusion. There is scant pericardial effusion. There are no intracardiac masses.

ULTRASONOGRAPHIC FINDINGS

- Mild concentric left ventricular hypertrophy
- Left atrium within normal limits
- Arrhythmia
- Scant pericardial effusion

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS



PATIENT

Maggie Animals In Distress

SPECIES

Feline

BREED

DSH

SEX

Spayed Female

AGE

15

WEIGHT

15.12

INTERPRETED BY

Sara Brethel DVM, DACVIM (Cardiology)

IMAGING PERFORMED BY

Dr. Renee Zeigler-Post

HOSPITAL NAME

For Cats Only VC

REFERRING VET

Dr. Renee Zeigler-Post

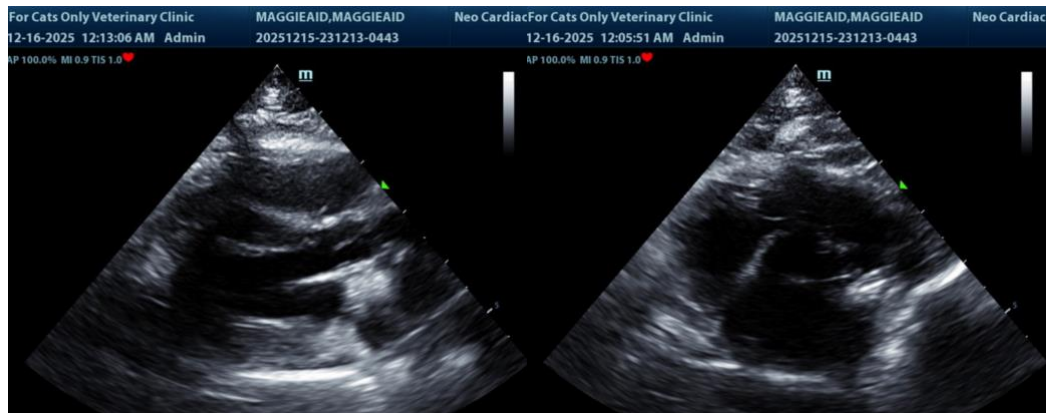
INVOICE

35930

DATE

12/16/25

The patient has an arrhythmia and electrocardiogram is recommended. Recommend ensuring the patient is euthyroid and normotensive. The arrhythmia may be secondary to the patients underlying concentric hypertrophy of the left ventricle; however, other systemic diseases can't be ruled out. There is scant pericardial effusion. This can be an individual variation or an indication that there is another underlying systemic condition. The pericardial effusion does not appear to be secondary to primary cardiac disease. Recheck echocardiogram is recommended in 4-6 months. Again, further evaluation into the patient's rhythm is recommended.



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