

PATIENT

Carolina Rust

SPECIES

Feline

BREED

DSH

SEX

Spayed Female

AGE

13 Years

WEIGHT

10.25 pounds

INTERPRETED BY

Camden Rouben DVM,
DACVIM (Cardiology)

IMAGING PERFORMED BY

Sara Hansen

HOSPITAL NAME

VCA Westmoreland
Animal Hospital

REFERRING VET

Dr. Bugarovich

INVOICE

12246

DATE

11/13/25

PRESENTING CLINICAL SIGNS

Clinical Exam Findings: pe wnl prev dx of HCM ABNORMAL Labwork Values none For ECHO Only: Blood Pressure will be taken same day HR/RR/BP: HR 194, RR 38 Is there a Heart Murmur? If so, please grade. soft grade I

Current Medications pimo. Clopidogrel

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	4.66	NM	4.0 mm	--	3.0 mm	42.5	--
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	1.56	1.54	13.0 mm	0.50	--	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

Based off the images provided, the mitral valve leaflets are normal. 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 left ventricular outflow tract obstruction. The left ventricular systolic and diastolic dimensions are within normal limits. There is no evidence of left ventricular concentric hypertrophy. There is normal right atrial size without evidence of tricuspid regurgitation. The right ventricle appears subjectively normal in structure and function. The aortic and pulmonic valve have normal morphology and the corresponding outflow velocities appear within normal limits. There is no significant evidence of pulmonic or aortic insufficiency. No evidence of pleural effusion, pericardial effusion or intracardiac masses.

ULTRASONOGRAPHIC FINDINGS

- Based off the images provided, this patient has a clinically health cardiac structure/function.
- There is no evidence of concentric hypertrophy of the left ventricle.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

If not already performed, this patient's blood pressure should be assessed to make sure it's normal and that the patient is euthyroid. No cardiac medications including Clopidogrel or Pimobendan are



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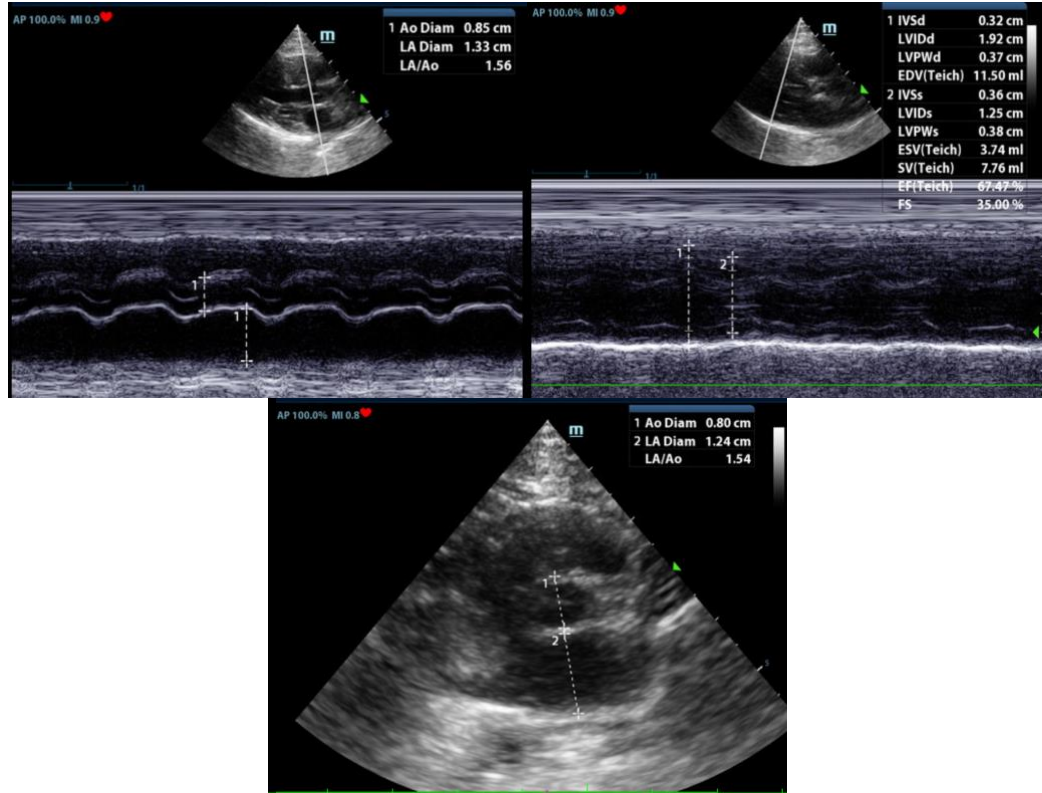
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warranted at this time as this patient's heart murmur presents a low risk for complications and is considered to be physiologic. A recheck echocardiogram should be performed in 6 months just based off the previous diagnosis of hypertrophic cardiomyopathy or sooner if the patient develops cardiovascular clinical signs. There are no anesthetic restrictions for this particular patient. No activity restrictions for this patient.



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.

Camden Rouben DVM, DACVIM (Cardiology)

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