

<b>OSU Veterinary Hospital</b> <b>601 Vernon Tharp Street</b> <b>Columbus, OH 43210</b> <b>Phone: (614) 292-3551</b> <b>Fax: (614) 292-2053</b>	<b>ECHOCARDIOGRAPHY REPORT - CARDIOLOGY SERVICE</b> <b>THE OHIO STATE UNIVERSITY VETERINARY MEDICAL CENTER</b>  <b>Karsten Schober, DVM, DECVIM   Jaylyn Rhinehart, DVM, DACVIM   Randolph Winter, DVM, DACVIM</b> <b>Bill Clark, DVM   Emily Herrold, DVM</b>
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Patient Number: 000 **596272**Patient Name: **Sweeney, Angtini Barney Rubble Of Highlander**Date of study: **06/03/2021**Diagnosing Cardiologist: **JR**Species: **Feline**Breed: **Maine Coon**Age: **10 months**Birthdate: **07/12/2020**Sex: **Male**Weight (kg): **5.8 kg (12.8 lbs)**BSA: **0.32 m<sup>2</sup>**

Systolic BP:

## Clinical Findings

Breeding echo. Clinically normal.

No murmurs, arrhythmias, or gallops heard today.

No sedation given for echo. Cat was stressed but handled restraint for echo well.

## Echocardiographic Findings

The echocardiographic examination was conducted from both the right and left sides of the thorax. A screening echocardiogram was requested and completed with subjective and objective evaluation of the heart to screen for hypertrophic cardiomyopathy and congenital heart disease.

There is no clear evidence of cardiomyopathy or serious structural heart disease based on subjective imaging or diastolic measures of the LV walls or septum.

The papillary muscles appear normal.

The left atrium is normal for a cat this size.

There is no systolic anterior motion of the MV observed.

LV ejection fraction is normal.

There is trace tricuspid regurgitation, with a normal appearing tricuspid valve.

ECG during echo: sinus tachycardia

## Diagnosis & Recommendations

Normal heart structure and function

No evidence of congenital heart disease

No evidence of cardiomyopathy at this time

Recommend yearly rechecks for the development of HCM.

JDR

2D Measurements		M-Mode		Doppler Measurements	
AoD	8.3 mm	IVSd	4.5 mm	EA Fused	0.89 m/s
LAD Max Cat	16.3 mm	LVIDd	16.5 mm	E'A' Fused	13.8 cm/s
LADN Max Cat	1.19	LVPWd	4.8 mm	EA/E'A' Fused	6.4
LVPWd LX Cat	4.69 mm	IVSs	7.0 mm	LAapp Vmax	0.59 m/s
LVPWdN LX Cat	0.29	LVIDs	9.2 mm	AV Vmax	1.21 m/s
LVPWd SX Cat	4.22 mm	LVPWs	7.5 mm	AV maxPG	5.88 mmHg
LVPWdN SX Cat	0.29	%FS	44.24 %	PV Vmax	1.15 m/s
IVSd LX Cat	4.82 mm	LVIDdN_EPIC	0.98	PV maxPG	5.28 mmHg
IVSdN LX Cat	0.35	Mmode		TR Vmax	1.80 m/s
IVSd SX Cat	4.70 mm	LVIDdN_Mmode	0.97	TR maxPG	12.91 mmHg
IVSdN SX Cat	0.35	dog	(1.17 - 1.67)!		
		LVIDsN_EPIC	0.53		
		Mmode	(0.71 - 1.26)!		

Echocardiogram Reported by: Dr. Jaylyn Rhinehart,DVM, MS, DACVIM \_\_\_\_\_