

OSU Veterinary Hospital 601 Vernon Tharp Street Columbus, OH 43210 Phone: (614) 292-3551 Fax: (614) 292-2053	ECHOCARDIOGRAPHY REPORT - CARDIOLOGY SERVICE THE OHIO STATE UNIVERSITY VETERINARY MEDICAL CENTER Karsten Schober, DVM, DECVIM Jaylyn Rhinehart, DVM, DACVIM Bill Clark, DVM Emily Herrold, DVM Alba Stavri, DVM, MPH
---	---

Patient Number: 000 **616678**Patient Name: **Sweeney, Jaspurrcats Bon Jovi of Highlander**Date of study: **02/28/2022**Diagnosing Cardiologist: **JR**Species: **Feline**Breed: **Maine Coon**Age: **11 months**Birthdate: **03/25/2021**Sex : **Male**Weight (kg): **7.7 kg**BSA: **0.39 m²**

Systolic BP:

Clinical Findings

Breeding heart screening. No clinical signs of heart disease. Not on any medications.

No murmur, gallop, or arrhythmia heard

Sedation not needed for echocardiogram

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 mainly subjective evaluation of the heart to screen for hypertrophic cardiomyopathy. Screening for congenital heart disease was also performed.

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

The papillary muscles appear normal.

There is no systolic anterior motion of the MV observed.

LV ejection fraction is normal.

There was trace tricuspid regurgitation, but the valve appeared normal.

No obvious congenital lesions were seen.

ECG during echo: normal sinus rhythm

Diagnosis & Recommendations

No evidence of congenital heart disease

No evidence of cardiomyopathy at this time

Recommend echocardiograms yearly to screen for development of HCM.

JDR

2D Measurements		M-Mode		Doppler Measurements	
LAD Max Cat	17.1 mm	IVSd	5.1 mm	MV E Vel	0.71 m/s
LADN Max Cat	1.19	LVIDd	20.8 mm	MV DecT	60.56 m/s
LVPWd LX Cat	4.81 mm	LVPWd	6.4 mm	MV A Vel	0.72 m/s
LVPWdN LX Cat	0.27	IVSs	6.8 mm	MV E/A Ratio	0.99
LVPWd SX Cat	4.27 mm	LVIDs	12.7 mm	E'	15.1 cm/s
LVPWdN SX Cat	0.28	LVPWs	8.0 mm	E/E'	4.74
IVSd LX Cat	5.27 mm	%FS	39.23 %	A'	5.9 cm/s
IVSdN LX Cat	0.37	LVIDdN_EPIC	1.14	E/A'	2.6
IVSd SX Cat	4.84 mm	Mmode		LAapp Vmax	0.40 m/s
IVSdN SX Cat	0.35	LVIDdN_Mmode	1.13 (1.17 - dog 1.67)!	AV Vmax	1.07 m/s
		LVIDsN_EPIC	0.67 (0.71 - Mmode 1.26)!	AV maxPG	4.58 mmHg
				PV Vmax	0.96 m/s
				PV maxPG	3.68 mmHg

