

OSU Veterinary Hospital 601 Vernon Sharp 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 Randolph Winter, DVM, DACVIM Bill Clark, DVM Emily Herrold, DVM
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Patient Number: 000 508040	Species: Feline	Sex:
Patient Name: Sweeney, Angtini's Too Hot of Highlander "Hottie"	Breed: Maine Coon	Weight (kg): 5.5 kg (12.1 lbs)
Date of study: 08/06/2020	Age: 10 months	BSA: 0.31 m ²
Diagnosing Cardiologist: JR	Birthdate: 09/25/2019	Systolic BP:

Clinical Findings

Breeding exam. No clinical signs.

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.

Diagnosis & Recommendations

Normal heart structure and function
 No evidence of congenital heart disease
 No evidence of cardiomyopathy at this time

JDR

2D Measurements		M-Mode		Doppler Measurements	
LAD Max Cat	14.2 mm	IVSd	4.5 mm	EA Fused	0.95 m/s
LADN Max Cat	1.05	LVIDd	16.6 mm	LAapp Vmax	0.40 m/s
LVPWd LX Cat	4.82 mm	LVPWd	5.1 mm	AV Vmax	1.19 m/s
LVPWdN LX Cat	0.30	IVSs	6.5 mm	AV maxPG	5.66 mmHg
LVPWd SX Cat	4.87 mm	LVIDs	8.5 mm	PV Vmax	0.92 m/s
LVPWdN SX Cat	0.34	LVPWs	6.8 mm	PV maxPG	3.42 mmHg
IVSd LX Cat	4.57 mm	%FS	48.61 %		
IVSdN LX Cat	0.34	LVIDdN_EPIC	1.01		
IVSd SX Cat	4.10 mm	Mmode			
IVSdN SX Cat	0.31	LVIDdN_Mmode	1.00		
AV Diam	0.66 cm	dog			
		LVIDsN_EPIC	0.50		
		Mmode			

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