

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
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Patient Number: 000 **472707**Patient Name: **Csomay, Nimue**Date of study: **11/20/2017**Diagnosing Cardiologist: **JAD**Species: **FEL**Breed: **Maine Coon**Age: **1**Birthdate: **04/01/2016**Sex: **Female**Weight (kg): **3.6 kg**BSA: **0.23 m²**

Systolic BP:

Clinical Findings

Breeding screening. No clinical signs.

No murmur heard on auscultation. HR 160bpm, regular rhythm

Echocardiographic Findings

The echocardiographic examination was conducted from both the right and left sides of the thorax. Focused 2D, M-mode, and Doppler examinations were conducted with mainly subjective evaluation of cardiac morphology, size, and function, and flow patterns.

A screening echocardiogram was requested and completed with mainly subjective evaluation of the heart to screen for hypertrophic cardiomyopathy and congenital heart defects.

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.

There is no systolic anterior motion of the MV observed.

LV ejection fraction is normal.

ECG during echo: NSR

Diagnosis & Recommendations

Normal heart structure and function

No obvious evidence of HCM or CHD

JDR

<u>2D Measurements</u>		<u>M-Mode</u>		<u>Doppler Measurements</u>	
LA Diam	15.7 mm	IVSd	4.9 mm	AV Vmax	0.92 m/s (< 2.00)
LA2D/LVIDd	0.8 (0.8 - 1.1)!	LVIDd	19.8 mm	AV maxPG	3.37 mmHg
IVSd-max-Laxis	3.0 mm	LVPWd	3.9 mm	Mitral Inflow	70.7 cm/s
IVSd-max-Sax	3.6 mm	IVSs	7.4 mm	(Fused E+A)	
LVPWd-max-Laxis	3.6 mm	LVIDs	13.0 mm	PV Vmax	0.76 m/s (< 1.60)
LVPWd-max-Saxis	3.6 mm	LVPWs	6.4 mm	PV maxPG	2.34 mmHg
		EDV(Teich)	12.5 ml		
		ESV(Teich)	4.1 ml		
		EF(Teich)	66.8% (> 48.0)		
		%FS	34.6% (> 25.0)		
		SV(Teich)	8.33 ml		

Echocardiogram Reported by: Dr. Jaylyn D. Rhinehart, DACVIM (Cardiology) _____