

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 **450453**Patient Name: **Sweeney, Gaylton Ladys Secret**Date of study: **12/27/2016**Diagnosing Cardiologist: **JDB**Species: **FEL**Breed: **Maine Coon**Age: **3**Birthdate: **12/12/2013**

Sex :

Weight (kg): **0.0 kg**

BSA:

Systolic BP:

Clinical Findings

The echocardiogram was performed as a screen for hypertrophic cardiomyopathy (HCM) phenotype.

Auscultation: sinus rhythm; a systolic heart murmur was evident with the following characteristics: grade 2/6, systolic, PMI over cranial sternal borders, increases in intensity with stress.

Echocardiographic Findings

The examination was performed without sedation. The technical examination was of diagnostic quality and the patient was sufficiently cooperative.

Screening Exam for Feline Hypertrophic Cardiomyopathy; details: This examination includes subjective evaluation of long and short axis images from the parasternal (intercostal) right-sided acoustic windows. M-mode examination of the LV is also performed. The examination screens for ventricular hypertrophy using 2D long and short axis image planes as well as the standard M-mode images with the cursor placed dorsally to the posterior papillary muscle. Left atrial size is also assessed subjectively and by long-axis maximal diameter. Doppler studies are only performed if needed to evaluate gallop sounds or any murmurs if present.

Normal ventricular wall thicknesses

Normal ejection fraction

Previously noted "third" papillary muscle (bifid anterior papillary muscle) evident and unchanged.

Systolic fluttering of the aortic valve

Doppler studies: no regurgitation or stenosis

Diagnosis & Recommendations

No evidence of hypertrophic cardiomyopathy

Bifid ("third") anterior papillary muscle; significance unknown

Functional (innocent) heart murmur

WNL

<u>2D Measurements</u>		<u>M-Mode</u>		<u>Doppler Measurements</u>	
LA Diam	15.8 mm	IVSd	4.4 mm		
LA2D/LVIDd	1.0 (0.8 - 1.1)	LVIDd	16.4 mm		
		LVPWd	4.3 mm		
		IVSs	7.8 mm		
		LVIDs	9.2 mm		
		LVPWs	7.2 mm		
		EDV(Teich)	7.6 ml		
		ESV(Teich)	1.6 ml		
		EF(Teich)	78.4 % (> 48.0)		
		%FS	43.8 % (> 25.0)		
		SV(Teich)	5.98 ml		

Echocardiogram Reported by: John D. Bonagura, DVM, DACVIM (Cardiology, Internal Medicine) _____