



Medical Note

Patient: Sarah **Date:** June 12, 2019

Signalment: 11 months 3.90 kg Female Unaltered Maine Coon Cat

Owner: Marie Harriman

Referring Veterinarian:

CARDIOLOGY EXAMINATION

HISTORY: Presenting for an echocardiogram for HCM screening. Sarah has been doing well at home and has not had any abnormal cardiac sounds noted previously. No prior echocardiograms.

MEDICATIONS:
None

PHYSICAL EXAMINATION:

Subjective: BAR, Adequate hydration, BCS 4/9

Mucous Membranes: Pink, CRT < 2 sec

Chest Conformation: Normal

Heart rate: 210/minute. Rhythm: Regular PMI: left apex

Murmur(s): No murmur ausculted

Pulmonary Auscultation: Clear, eupneic

Femoral Pulse Quality: Moderate and Synchronous

Other Comments: No other significant findings

EXAMINATION 2D DESCRIPTION

ECHOCARDIOGRAM:

The left atrium is normal in size with no spontaneous echocontrast or thrombi. The mitral valve leaflets are normal with no systolic anterior motion or prolapse. The left ventricle is normal with normal wall thicknesses and systolic wall motion. The papillary muscles are normal. The left ventricular outflow tract, aortic cusps, aortic root, and ascending aorta are normal. The right atrium and tricuspid valve leaflets are normal. The right ventricle is normal with no septal flattening. The right ventricular free wall is normal in thickness and systolic motion. The pulmonic cusps, main pulmonary artery, and pulmonary artery branches are normal. No masses or effusions are noted. The cardiac rhythm was regular throughout the echocardiographic evaluation.

M-MODE MEASUREMENTS

	:
IVSd (cm)	0.38
LVIDd (cm)	1.53
LVPWd (cm)	0.39
IVSs (cm)	0.68
LVIDs (cm)	0.66
LVPWs (cm)	0.77
Fractional Shortening (%)	56.9
LA mmode (cm)	1.18
Ao mmode (cm)	0.92
LA/Ao M-mode	1.28

DOPPLER FINDINGS :
 LVOT (m/sec) 1.19, laminar
 RVOT (m/sec) 0.97, laminar
 Mitral Regurgitation None noted
 Tricuspid Regurgitation None noted
 Aortic Insufficiency None noted
 Pulmonic Insufficiency None noted
 Other No atrial septal defect, ventricular septal defect, patent ductus arteriosus, or other congenital abnormalities noted
 DIASTOLIC FINDINGS Due to tachycardia related E/A and E'/A' wave summations, mitral inflow and mitral annular tissue Doppler assessments could not be evaluated.
 IVRT (ms) 52
 ECHO DIAGNOSIS
 Normal echocardiographic examination

VITALS	WT	T	HR	RR	CRT	OTHER	COMMENT
Jun 12, 2019	3.90 kg						

FINAL DIAGNOSIS:
 Normal echocardiographic examination, breeding clearance granted

DIAGNOSTIC RECOMMENDATIONS:
 No additional cardiac diagnostics are indicated at this time

THERAPEUTIC RECOMMENDATIONS:
 No cardiac medications are currently recommended

FOLLOW-UP SCHEDULE:
 Echocardiogram in one to two years

Exam performed by: Adam M. Kane, DVM, DACVIM (Cardiology)

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