

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 Randolph Winter, DVM, PHD, DACVIM Karsten Schober, DVM, DECVIM Jaylyn Rhinhardt, DVM, DACV Sam Kochie, DVM, Bill Clark, DVM
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Patient Number: 000 **485495**Patient Name: **Sweeney, Ruffians Duran Duran**Date of study: **12/03/2019**

Diagnosing Cardiologist:

Species: **Feline**Breed: **Maine Coon**Age: **1 years**Birthdate: **01/30/2018**Sex : **Male**Weight (kg): **7.0 kg (15.4 lbs)**BSA: **0.37 m²**

Systolic BP:

Clinical Findings

Recheck CERF exam. Normal echo 1 year prior. Soft grade 2/6 left and right parasternal systolic murmur heard at higher heart rates (appeared stressed but very cooperative).

Echocardiographic Findings

The echocardiographic examination was conducted from the right side of the thorax.

Normal 2D & M-mode Study: There were no structural lesions observed by 2D echocardiography. All chambers were within normal size limits. There were no overt valvular lesions. Left ventricular ejection fraction (shortening fraction) was normal.

Normal, consistent LV wall measurements as compared to previously. There was a false tendon from the posterior papillary muscle to the LV septum that is not associated with any wall thickenings, obstruction/turbulence, and appears unchanged as compared to previous exam. Normal sinus rhythm.

Diagnosis & Recommendations

Normal cardiac size for the weight of this cat

Normal heart function

No evidence of congenital heart disease or HCM

Functional murmur

Recheck in one year

JDR

2D Measurements	M-Mode	Doppler Measurements
LA Diam 15.5 mm		MV E Vel 84 cm/s (60 - 110)
AV Diam 8.2 mm		MV DecT 64.5 ms
AV Area 0.53 cm ²		MV Dec Slope 13.06 m/s ²
LA/AV (2D-sys) 1.9 (< 2.5)		MV A Vel 72.1 cm/s
IVSd-max-Laxis 3.6 mm		MV E/A Ratio 1.17
LVPWd-max-Laxis 4.9 mm		LAapp Vmax 115.3 cm/s
IVSd-max-Sax 4.7 mm		PV Vmax 0.91 m/s (< 1.60)
LVPWd-max-Saxis 5.0 mm		PV maxPG 3.35 mmHg

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

