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## ECHOCARDIOGRAPHY REPORT - CARDIOLOGY SERVICE THE OHIO STATE UNIVERSITY VETERINARY MEDICAL CENTER

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Patient Number: 000 596274

Species: Feline

Sex: Female

Patient Name: Sweeney, Highlander Tulip

Breed: Maine Coon

Weight (kg): 4.1 kg (9.1 lbs)

Date of study: 06/03/2021 Diagnosing Cardiologist: JR Age: 11 months Birthdate: 06/30/2020 BSA: 0.26 m<sup>2</sup> Systolic BP:

## Clinical Findings

Breeding echo. Clinically normal. Was possibly bred about 2 weeks ago.

No murmurs, arrhythmias, or gallops heard today.

No sedation given for echo.

## **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 subjective and objective evaluation of the heart to screen for hypertrophic cardiomyopathy and congenital heart disease.

There is no clear evidence of cardiomyopathy or serious strutural 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.

There is mild tricuspid regurgitation, with a normal appearing tricuspid valve.

ECG during echo: sinus tachycardia

## **Diagnosis & Recommendations**

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

Recommend recheck in 1 year to screen for the development of HCM.

**JDR** 

2D Measurements		M-Mode			Doppler Measurements	
LAD Max Cat	14.0 m m	IVSd	$3.9\mathrm{m}\mathrm{m}$		EA Fused	1.00 m/s
LADN Max Cat	1.09	LVIDd	14.6 m m		E'A' Fused	11.4 cm/s
LVPWd LX Cat	3.80 m m	LVPWd	3.9 m m		EA/E'A' Fused	8.7
LVPWdN LX Cat	0.26	IVSs	7.5 m m		LAapp Vmax	0.93 m/s
LVPWd SX Cat	4.50 m m	LVIDs	8.1 m m		AV Vmax	1.04 m/s
LVPWdN SX Cat	0.33	LVPWs	7.1 m m		AV maxPG	4.32 mmHg
IVSd LX Cat	4.42 m m	%FS	44.55%		PV Vmax	0.94 m/s
IVSdN LX Cat	0.34	LVIDdN_EPIC	0.96		PV maxPG	3.54 mmHg
IVSd SX Cat	4.27 m m	Mmode	0.30		TR Vmax	2.25 m/s
IVSdN SX Cat	0.34	LVIDdN_Mmode dog	0.95	(1.17 - 1.67)!	TR maxPG	20.31 mmHg
		LVIDsN_EPIC Mmode	0.52	(0.71 - 1.26)!		

Exam Date: 06/03/2021