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

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Patient Number: 000 **475081**
Patient Name: **Sweeney, Coonalley SilverRose**
Date of study: **07/01/2019**
Diagnosing Cardiologist: **JAD**

Species: **FEL**
Breed: **Maine Coon**
Age: **2**
Birthdate: **04/24/2017**

Sex : **Female**
Weight (kg): **4.8 kg**
BSA: **0.28 m²**
Systolic BP:

Clinical Findings

Recheck CERF.

An intermittent grade 2/6 right parasternal murmur was heard.

Echocardiographic Findings

The echocardiographic examination was conducted from both the right and left sides of the thorax. Screening Exam for Feline Hypertrophic Cardiomyopathy. 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 performed if necessary to evaluate gallop sounds or murmurs when present.
A screening echocardiogram was requested and completed with mainly subjective evaluation of the heart to screen for hypertrophic cardiomyopathy.
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. Trace mitral and tricuspid regurgitation was noted.
LV ejection fraction is normal.

Diagnosis & Recommendations

Relatively normal heart- trace mitral and tricuspid regurgitation
No evidence of HCM at this time

JDR

2D Measurements

LA Diam	14.0 mm
IVSd-max-Laxis	4.1 mm
IVSd-max-Sax	4.1 mm
LVPWd-max-Laxis	4.6 mm
LVPWd-max-Saxis	3.8 mm
LA2D/LVIDd	0.00

M-Mode

IVSd	4.5 mm	
LVIDd	18.1 mm	
LVPWd	4.5 mm	
IVSs	7.5 mm	
LVIDs	10.3 mm	
LVPWs	6.7 mm	
EDV(Teich)	9.9 ml	
ESV(Teich)	2.2 ml	
EF(Teich)	77.5 %	(> 48.0)
%FS	43.2 %	(> 25.0)
SV(Teich)	7.69 ml	
LVPWd/LVIDd	0.25	
Weight (kg)	4.800	

Doppler Measurements

AV Vmax	0.75 m/s	(< 2.00)
AV maxPG	2.23 mmHg	
Mitral Inflow (Fused E+A)	76.4 cm/s	
TR Vmax	1.8 m/s	(< 2.8)
TR maxPG	12.6 mmHg	

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