



PATIENT
Victoria Clements

SPECIES
Feline

BREED
DLH

SEX
Female Spayed

AGE
3 years

WEIGHT
8.19lbs

INTERPRETED BY
Maggie Machen
Lamy, DVM
DACVIM (Cardiology)

IMAGING PERFORMED BY
Pamela Harrigan,
RDCS

HOSPITAL NAME
Mass Veterinary Services

REFERRING VET
Dr. Masloski

INVOICE
27470

DATE
11/15/22

PRESENTING CLINICAL SIGNS

History: Recheck echo. History of normal cardiac structure and function. Daughter of a cat diagnosed with unclassified cardiomyopathy. Currently, doing well at home with a good appetite and is playful and active. On exam; NSR, grade I/VI parasternal, PSS, lung fields clear. BP: 120mmHg x 5. *No sedation for study.
-Pertinent previous echo measurements (10/12/21 MML): LA 1.0 cm; LA:Ao 12; LV 1.5 cm; IVS 0.38 cm; PW 0.39 cm.

ECHOCARDIOGRAM FINDINGS

2D, m-mode, color flow and Doppler imaging is available.
Left ventricle: The LV diameter is normal with adequate myocardial function. The LV wall thicknesses are normal. The papillary muscles are normal. The endocardium appears normal.
Left atrium: The left atrium is normal in dimension. No obvious spontaneous contrast or thrombi seen.
Mitral valve: The mitral valve is normal in structure and mobility. No obvious systolic anterior motion is seen. No MR.
Aortic valve/Aorta: The aortic valve is normal in morphology and mobility. Normal aortic outflow velocity; laminar flow. No aortic insufficiency.
Right ventricle: Normal right ventricular diameter and morphology indicating no overt evidence of pulmonary arterial hypertension.
Right atrium: The right atrium is normal in dimension.
Tricuspid valve: The tricuspid valve appears normal with no tricuspid regurgitation.
Pulmonic valve/Pulmonary artery: The pulmonic valve is normal in morphology and mobility. No pulmonic insufficiency. Normal RVOT velocity; laminar flow.
Pericardium/other: No pericardial or pleural effusion noted. No obvious cardiac masses.
Heart rhythm: ECG reveals a sinus rhythm with an average HR of 200bpm.

2-Dimensional Measurements

Ao diam (cm)	0.9
LA diam (cm)	1.0
LA:Ao (Swe)	1.1
IVS thickness (cm)	0.38
LVID diastole (cm)	1.4
PW thickness (cm)	0.38
LVID systole (cm)	0.6
FS (%)	57

Doppler Measurements

PV Vmax (m/s)	1.2
AoV Vmax (m/s)	1.1
MR Vmax (m/s)	NA
TR Vmax (m/s)	NA
TR PG (mmHg)	NA

INTERPRETATION OF THE FINDINGS

Persistently normal structure and function. No left atrial enlargement or LV pathology is appreciated. No cause for the murmur remains apparent, suggesting likely a physiologic origin.

RECOMMENDATIONS

- Given these findings, no medications are indicated.
- No cardiac contraindication for general anesthesia.
- Monitor for any clinical evidence of cardiac compromise, including respiratory changes and/or signs of a blood clot event (paralysis, neurologic changes, etc.).



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PLAN

- Recommend recheck echocardiogram annually given a familial history and underlying heart murmur, sooner if clinical signs arise.

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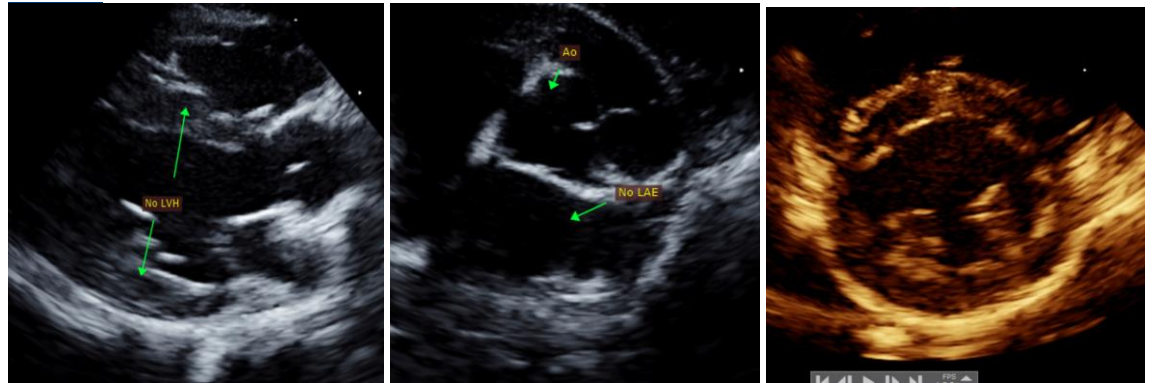
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IMAGES



The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

Thank you for this referral. This report was generated using transcription software, and minor dictation errors may be present. If the clinical or image interpretation does not parallel your findings or if I can be of any further assistance, please contact me.

Maggie Machen Lamy, DVM

Diplomate of the American College of Veterinary Internal Medicine (Cardiology)

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Echocardiogram performed by:

Pamela Harrigan, RDCS

Pet Animal Ultrasound Service (4paus.com)

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