



**PATIENT**

Maya Freker

**SPECIES**

Canine

**BREED**

Labrador Retriever Mix

**SEX**

Female Spayed

**AGE**

4 years

**WEIGHT**

69.4lbs

**INTERPRETED BY**

Maggie Machen  
Lamy, DVM  
DACVIM (Cardiology)

**IMAGING PERFORMED BY**

Pamela Harrigan,  
RDMS

**HOSPITAL NAME**

Wignall Animal  
Hospital

**REFERRING VET**

Dr. Colella

**INVOICE**

28116

**DATE**

1/5/23

**PRESENTING CLINICAL SIGNS**

History: Recheck echo. History increased flow velocities through LVOT/Aorta without obvious structural abnormalities on echocardiogram 5/20/21 (MML). Currently, doing well without any clinical issues Grade I/VI heart murmur.

-Pertinent previous echo measurements (5/2021 MML): LA 2.6cm, LA:Ao 1.2, LV 3.9m/s. LVOT Vmax 2.3m/s.

**ECHOCARDIOGRAM FINDINGS**

2D, m-mode, color flow and Doppler imaging is available.

**Left ventricle:** The LV diameter is normal with adequate myocardial function. LV wall thicknesses are normal.

**Left atrium:** The left atrium is normal in dimension.

**Mitral valve:** The mitral valve is normal with no prolapse into the left atrial lumen. Trivial mitral regurgitation.

**Aortic valve/aorta:** The aortic valve is normal in morphology and mobility. Mildly elevated 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:** Normal RA 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 125bpm.

**2-Dimensional Measurements**

Ao diam (cm)	2.2
LA diam (cm)	2.7
LA:Ao (Swe)	1.2
IVS thickness (cm)	0.9
LVID diastole (cm)	3.9
PW thickness (cm)	0.9
LVID systole (cm)	2.3
FS (%)	42

**Doppler Measurements**

PV Vmax (m/s)	1.2
AoV Vmax (m/s)	2.1
MR Vmax (m/s)	NA
TR Vmax (m/s)	NA
TR PG (mmHg)	NA

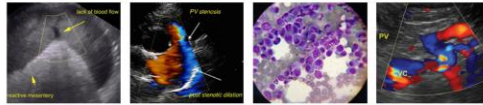
**INTERPRETATION OF THE FINDINGS**

Persistently normal cardiac dimensions and function. The murmur remains benign in murmur, similar to previous. Trivial MR is noted, which should be monitored going forward. No additional issues are identified.

Prognosis is good.

**RECOMMENDATIONS**

- No cardiac medications are indicated.
- Baseline lab work recommended if not recently performed.
- No cardiac contraindication for general anesthesia.
- Monitor for development of a cough, labored breathing, exercise intolerance or collapse episodes.



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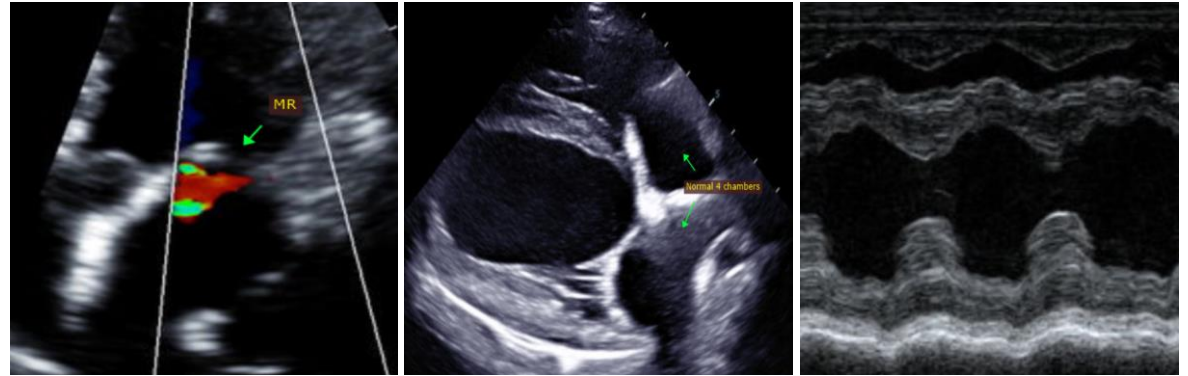
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**PLAN**

Recommend recheck echocardiogram in 12-18 months to screen for progression or development of concurrent cardiac disease that the preexisting murmur may mask.

**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.

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