



**PATIENT**

Mishka Pymer

**SPECIES**

Canine

**BREED**

Italian Greyhound

**SEX**

Male Neutered

**AGE**

5 years

**WEIGHT**

13.63lbs

**INTERPRETED BY**

Maggie Machen  
Lamy, DVM  
DACVIM (Cardiology)

**IMAGING PERFORMED BY**

Pamela Harrigan,  
RDCS

**HOSPITAL NAME**

Mass Veterinary Services

**REFERRING VET**

Dr. Masloski

**INVOICE**

28645

**DATE**

1/31/23

**PRESENTING CLINICAL SIGNS**

History: Recheck echo. History normal cardiac structure and function on prior echo (7/6/22) done as screening study. Presently receiving treatment for a pinnal vasculitis. She is doing well with a good appetite and activity level. On exam: NSR, no murmur noted, PSS, lung fields clear, mm pink, moist, CRT<2. BP: 100-110mmHg. \*No sedation for study.  
-Pertinent previous echo findings: LA 1.8 cm; LA:Ao 1.3; LV 2.2 cm.

**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 mildly dilated.

**Mitral valve:** The mitral valve is mildly thickened with no prolapse into the left atrial lumen. 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:** Normal RA dimension.

**Tricuspid valve:** The tricuspid valve appears normal with trace 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 100bpm.

**2-Dimensional Measurements**

Ao diam (cm)	1.4
LA diam (cm)	1.5
LA:Ao (Swe)	1.1
IVS thickness (cm)	0.7
LVID diastole (cm)	2.4
PW thickness (cm)	0.8
LVID systole (cm)	1.4
FS (%)	42

**Doppler Measurements**

PV Vmax (m/s)	1.0
AoV Vmax (m/s)	1.7
MR Vmax (m/s)	NA
TR Vmax (m/s)	NA
TR PG (mmHg)	NA

**INTERPRETATION OF THE FINDINGS**

Persistently normal cardiac structure and function persists. No pathology is identified.

Given these findings, no medications are indicated. This patient only needs reassessment should a murmur be noted in the future.

**RECOMMENDATIONS**

- No cardiac medications are clearly indicated.
- Omega fatty acid supplementation and mild salt restriction may be of some long-term benefit.
- No cardiac contraindication for general anesthesia prior to heart enlargement.
- Monitor for development of a cough, labored breathing, exercise intolerance or collapse episodes.



**PATIENT**

Mishka Pymmer

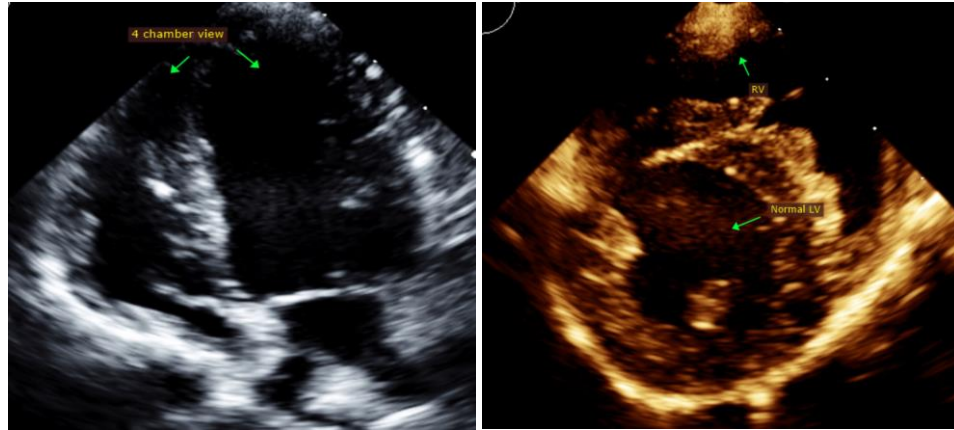
**PLAN**

- Recommend conservative monitoring with a recheck echocardiogram should a murmur be noted in the future, sooner if any development of clinical signs.

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**IMAGES**



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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.

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Lamy, DVM  
DACVIM (Cardiology)

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)  
info@sonopath.com

**IMAGING PERFORMED BY**

Pamela Harrigan,  
RDCS

**Echocardiogram performed by:** Pamela Harrigan, RDCS  
Pet Animal Ultrasound Service (4paus.com)

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