



PATIENT

Mishka Rymer

SPECIES

Canine

BREED

Italian Greyhound

SEX

Male Neutered

AGE

4 years

WEIGHT

13.75lbs

INTERPRETED BY

Maggie Machen
Lamy, DVM
DACVIM (Cardiology)

**IMAGING
PERFORMED BY**

Pamela Harrigan,
RDMS

HOSPITAL NAME

Mass Veterinary
Specialty Services

REFERRING VET

Dr. Masloski

INVOICE

20813

DATE

8/31/21

PRESENTING CLINICAL SIGNS

History: Recheck echo. History normal cardiac structure and function. Mishka is doing well with no clinical issues. CV/RESP: NSR, no murmur noted, PSS, lung fields clear. BP: 130mmHg x 3. -Pertinent previous echo findings (1/26/21 MML): LA 1.7 cm; LA:Ao 1.2; LV 2.5 cm; FS 48%. *No sedation.

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.

Mitral valve: The mitral valve is mildly thickened with no prolapse into the left atrial lumen. No mitral regurgitation.

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 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 130bpm.

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)	1.5
MR Vmax (m/s)	NA
TR Vmax (m/s)	NA
TR PG (mmHg)	NA

INTERPRETATION OF THE FINDINGS

Overtly normal cardiac structure and function persists. Mitral and tricuspid regurgitation are actually not appreciated in this study and no additional issues are 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.



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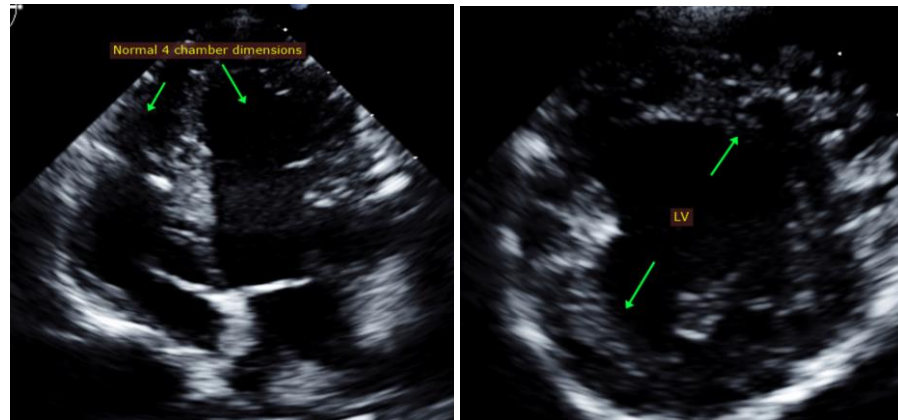
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- Omega fatty acid supplementation and mild salt restriction may be of some long-term benefit.
- No cardiac contraindication for general anesthesia prior to heart enlargement.
- Monitor for development of a cough, labored breathing, exercise intolerance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

PLAN

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

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