



PATIENT

Lola Worden

SPECIES

Canine

BREED

Lab Mix

SEX

FS

AGE

4 years

WEIGHT

42.6 lbs

INTERPRETED BY

Maggie Machen
Lamy, DVM
DACVIM (Cardiology)

IMAGING PERFORMED BY

Pamela Harrigan,
RDCS

HOSPITAL NAME

Wood River Animal
Hospital

REFERRING VET

Dr. Schuelke

INVOICE

27617

DATE

11/22/22

PRESENTING CLINICAL SIGNS

History: Recheck echo. History increased flow velocity through LVOT/ aortic root without obvious sub aortic ridge; no other issues identified, on prior echocardiogram. Currently, doing well at home. Grade II/VI left holosystolic murmur. -Pertinent previous echo findings (5/10/21 MML): LA 2.1 cm, LA:Ao 1.0, LV 3.5 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 normal in dimension.

Mitral valve: The mitral valve is normal with no prolapse into the left atrial lumen. No 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. Trace 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 bpm.

2-Dimensional Measurements

Ao diam (cm)	2.1
LA diam (cm)	2.6
LA:Ao (Swe)	1.2
IVS thickness (cm)	0.9
LVID diastole (cm)	3.5
PW thickness (cm)	0.9
LVID systole (cm)	2.5
FS (%)	29

Doppler Measurements

PV Vmax (m/s)	0.98
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 origin, with increased flow velocity through the LVOT/aortic root. No significant valvular insufficiencies were noted, and no structural issues identified.

Prognosis remains good.

RECOMMENDATIONS

- No cardiac medications are indicated.
- No cardiac contraindication for general anesthesia.
- Monitor for development of a cough, labored breathing, exercise intolerance or collapse episodes.

PLAN



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

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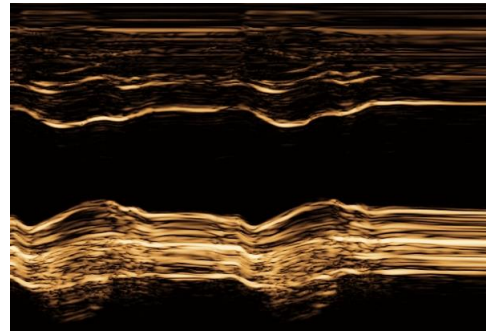
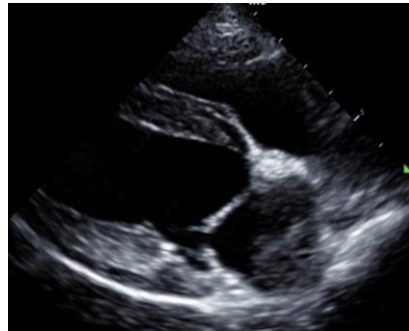
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IMAGES



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. 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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