



PATIENT

Lila Dixon

SPECIES

Canine

BREED

Labrador Retriever Mix

SEX

Female Spayed

AGE

12 years

WEIGHT

55.1lbs

INTERPRETED BY

Maggie Machen
Lamy, DVM
DACVIM (Cardiology)

IMAGING PERFORMED BY

Pamela Harrigan,
RDCS

HOSPITAL NAME

Mass Veterinary Services

REFERRING VET

Dr. Masloski

INVOICE

31566

DATE

6/27/23

PRESENTING CLINICAL SIGNS

History: Recheck echo. History normal dimensions/function with trace MR. Historical VPCs, singles and couplets. Presently, Lila is doing well at home. Good appetite, normal activity level, no exercise intolerance or collapse episodes. On exam: Pronounced sinus arrhythmia, no murmurs noted, PSS lung fields clear, mm pink moist, CRT<2. BP: 220mmHg x 5. Current medications: 1) Sotalol 80mg 1/2 tab twice a day 2) Dasaquin daily *No sedation for study. -Pertinent previous echo findings (6/7/22 MML): LA 2.7 cm; LA:Ao 1.2; LV 3.4 cm; normal LA/LV size, trace MR, no TR. ECG showed single VPC in two minute tracing.

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. Trace central 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 80bpm.

2-Dimensional Measurements

Ao diam (cm)	2.4
LA diam (cm)	2.7
LA:Ao (Swe)	1.2
IVS thickness (cm)	0.9
LVID diastole (cm)	4.0
PW thickness (cm)	0.9
LVID systole (cm)	2.5
FS (%)	38

Doppler Measurements

PV Vmax (m/s)	0.82
AoV Vmax (m/s)	1.4
MR Vmax (m/s)	NM
TR Vmax (m/s)	NA
TR PG (mmHg)	NA

INTERPRETATION OF THE FINDINGS

Unchanged normal cardiac structure and function with trace MR. No additional pathology has developed.

Given these findings, no additional medications are warranted. Continue sotalol as dictated by the ECG and/or holter results.

RECOMMENDATIONS

- Continue Sotalol as prescribed.
- Recheck ECG or ideally a holter monitor every 6-12 months going forward, sooner if any collapse or acute lethargy is noted.



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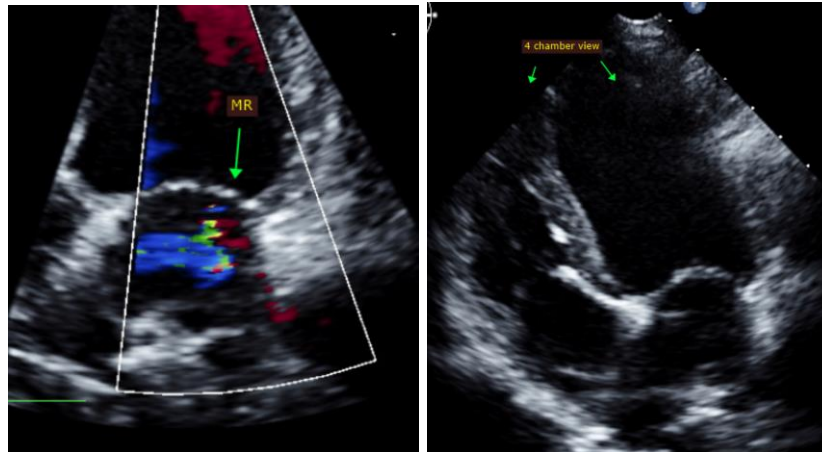
6/27/23

- Full systemic evaluation is recommended, including lab work and abdominal ultrasound.
- Continue fish oil supplementation is recommended.
- Monitor at home for collapse, exercise intolerance, and/or lethargy. If a holter monitor is elected, in the future this will dictate whether additional therapy is needed and follow up protocol.
- Anesthetic risk is considered moderately elevated. Avoid ketamine, telazol, Dexdomitor (or other alpha-2 agonists) and acepromazine. Recommend having lidocaine CRI available for use in the event of worsening ventricular arrhythmias under anesthesia (CRI 50–75mcg/kg/min).

PLAN

- Recommend a recheck ECG and echocardiogram annually, sooner if any clinical signs arise.

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)
info@sonopath.com

Echocardiogram performed by:

Pamela Harrigan, RDCS
Pet Animal Ultrasound Service (4paus.com)