



PATIENT

Bailey Robison

SPECIES

Canine

BREED

Labrador Retriever

SEX

Male Neutered

AGE

10 years

WEIGHT

92.2lbs

INTERPRETED BY

Maggie Machen
Lamy, DVM
DACVIM (Cardiology)

**IMAGING
PERFORMED BY**

Pamela Harrigan,
RDCS

HOSPITAL NAME

Mass Veterinary
Specialty Services

REFERRING VET

Dr. Masloski

INVOICE

21155

DATE

9/22/21

PRESENTING CLINICAL SIGNS

History: Recheck echo. History elevated ProBNP with mild degenerative mitral valve disease (r/o physiologic MR). Current presentation: Bailey has an occasional cough noted particularly after barking. Normal respirations. Good appetite and energy. ProBNP normal. CV/RESP: NSR, grade I/VI murmur with PMI left apical area, PSS, lung fields clear. 160 mmHg x 3. Medications: 1) Meloxicam 7.5mg 1/2 tab daily 2) Phycox joint supplement.
-Pertinent previous echo findings (1/26/21 MML): LA 3.7 cm; LA:Ao 1.5; LV 4.5 cm; borderline LA dimensions; trace MR.

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: Normal left atrium dimension.

Mitral valve: The mitral valve is mildly thickened 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 110bpm.

2-Dimensional Measurements

Ao diam (cm)	2.5
LA diam (cm)	2.7
LA:Ao (Swe)	1.1
IVS thickness (cm)	1.1
LVID diastole (cm)	4.5
PW thickness (cm)	1.0
LVID systole (cm)	2.7
FS (%)	40

Doppler Measurements

PV Vmax (m/s)	0.93
AoV Vmax (m/s)	1.7
MR Vmax (m/s)	NM
TR Vmax (m/s)	NA
TR PG (mmHg)	NA

INTERPRETATION OF THE FINDINGS

Unchanged essentially normal cardiac structure and function. Trace MR appears non-progressive with a normal LA dimension. No additional issues are identified.

These findings would suggest the previously elevated BNP was a normal variant, which is not uncommon in this breed. This is supported by a normal reading on most recent lab work and improvement in systemic pressures (confirms physiologic origin).

Given these findings, the cough is unlikely to be cardiac in origin and primary respiratory causes should be considered. Consider further respiratory work up/treatment (hydrocodone, taper course of steroids, Enrofloxacin, TTW/BAL, etc.).



PATIENT Prognosis is open.

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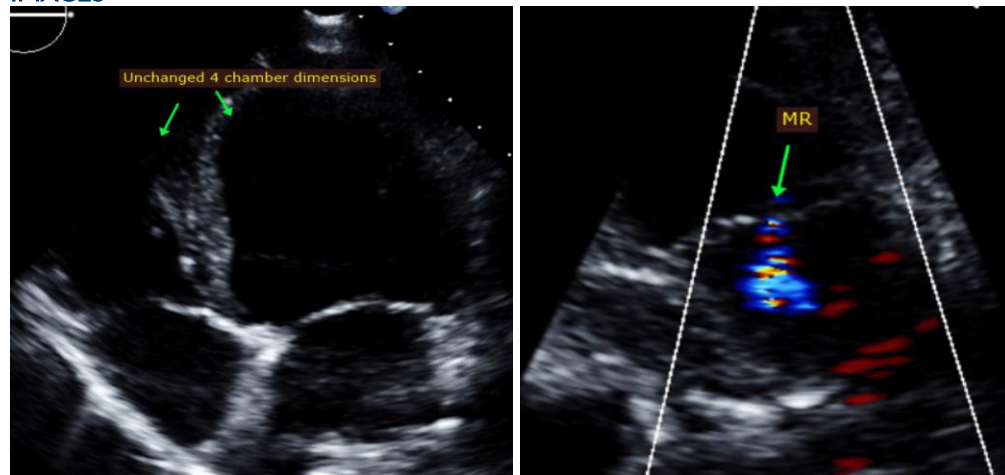
RECOMMENDATIONS

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

PLAN

- Recommend conservative monitoring with a recheck echocardiogram in 1 year to ensure no progression is seen. If persistently unchanged, further reassessment is likely unnecessary.

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)