



PATIENT

Hailey Golemme

SPECIES

Canine

BREED

Labrador Retriever

SEX

Female Spayed

AGE

5 years

WEIGHT

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

23769

DATE

4/20/22

PRESENTING CLINICAL SIGNS

History: Hailey was seen recently for a cough and was noted to have bulge at the MPA with suspect right ventricular enlargement. She is presently coughing a few times a day when excited. Had pneumonia earlier this year. She is presently eating well with normal activity level. On exam, NSR, no murmurs noted, PSS, lung fields clear. BP: 170-180mmHg. *No sedation for study.

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 mildly thickened 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 120bpm.

2-Dimensional Measurements

Ao diam (cm)	2.4
LA diam (cm)	2.4
LA:Ao (Swe)	1.0
IVS thickness (cm)	1.1
LVID diastole (cm)	3.4
PW thickness (cm)	1.1
LVID systole (cm)	2.3
FS (%)	32

Doppler Measurements

PV Vmax (m/s)	0.7
AoV Vmax (m/s)	1.4
MR Vmax (m/s)	NA
TR Vmax (m/s)	NA
TR PG (mmHg)	NA

INTERPRETATION OF THE FINDINGS

Overtly normal cardiac dimensions and function, with no obvious dysfunction or dilation of the left heart. No significant valvular leaks are visualized, and no evidence of pulmonary hypertension. No additional issues are identified without clinically significant pulmonary hypertension or right heart changes.

No cardiac medications are indicated at this time as the cough appears non-cardiac in origin. Continued work up for infectious/inflammatory respiratory causes is recommended if the cough persists/recurs. Poorly controlled respiratory disease can lead to development of pulmonary hypertension over time and monitoring for associated clinical signs is recommended (exertional syncope or dyspnea).



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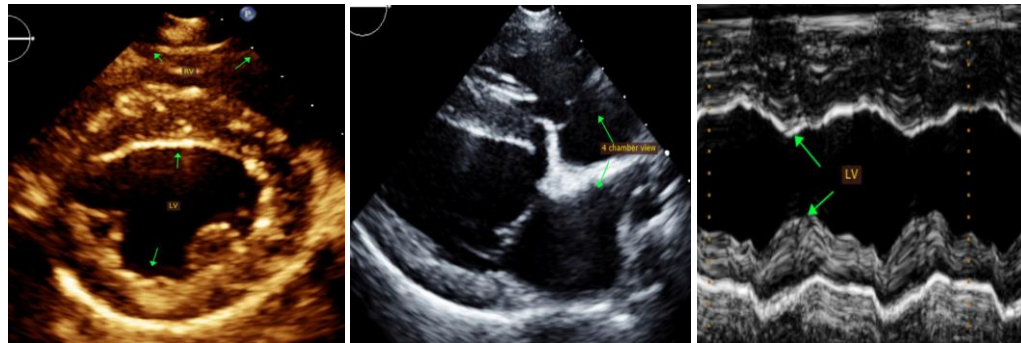
RECOMMENDATIONS

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

PLAN

Recommend conservative monitoring with a recheck echocardiogram recommended should a murmur or signs of pulmonary hypertension be noted in the future.

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.

INTERPRETED BY

Maggie Machen 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.

IMAGING PERFORMED BY

Pamela Harrigan, RDCS

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Echocardiogram performed by:

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

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