



PATIENT

Scarlett Kirouac

SPECIES

Canine

BREED

Hound Mix

SEX

FS

AGE

2 years

WEIGHT

41.5lbs

INTERPRETED BY

Maggie Machen Lamy, DVM DACVIM (Cardiology)

IMAGING PERFORMED BY

Pamela Harrigan, RDCS

HOSPITAL NAME

Mass Veterinary Services

REFERRING VET

Dr. Masloski

INVOICE

24147

DATE

5/11/22

PRESENTING CLINICAL SIGNS

History: Recheck echo. History normal echocardiogram/normal ECG performed for collapsing episodes. Current presentation: Scarlett is doing well; however, she continues to have collapse episodes (weekly), particularly when excited. No coughing or labored breathing. Good appetite and normal activity level. On exam today: pronounced sinus arrhythmia, no murmurs, PSS, lung fields clear. BP: 90 mmHg x 5. *No sedation for study -Pertinent previous echo findings (2/2/21 Maggie Machen Lamy, DVM, DACVIM-cardiology): LA 2.8 cm; LA:Ao 1.5; LV 4.4 cm. *Holter pending; ECG evaluation declined.

ECHOCARDIOGRAM FINDINGS

2D, m-mode, color flow and Doppler imaging is available.
Left ventricle: The LV diameter is normal with borderline to mildly depressed myocardial function. LV wall thicknesses are normal.
Left atrium: The left atrium is normal.
Mitral valve: The mitral valve is normal; trivial MR.
Aortic valve/Aorta: The aortic valve is normal in morphology and mobility. Normal aortic outflow velocity. 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 obvious cardiac shunts. No pericardial or pleural effusion noted. No obvious cardiac masses.
Heart rhythm: ECG reveals a sinus rhythm with an average HR of 70bpm.

2-Dimensional Measurements

Ao diam (cm)	2.1
LA diam (cm)	2.6
LA:Ao (Swe)	1.2
IVS thickness (cm)	0.88
LVID diastole (cm)	3.2
PW thickness (cm)	0.88
LVID systole (cm)	2.4
FS (%)	25

Doppler Measurements

PV Vmax (m/s)	0.85
AoV Vmax (m/s)	1.4
MR Vmax (m/s)	NA
TR Vmax (m/s)	NA
TR PG (mmHg)	NA

INTERPRETATION OF THE FINDINGS

Essentially normal cardiac dimensions persist. One difference is the systolic function is borderline to mildly depressed, which is of unknown significance. Avoid non-traditional diets lifelong. Monitoring for progression is advised. No additional issues are identified.

The resting heart rate remains relatively low, and a holter is indicated in this case. Follow up is advised pending results.

RECOMMENDATIONS

- No cardiac medications or follow up are indicated prior to holter and/or systemic evaluation findings.
- Avoid non-traditional diets lifelong.



PATIENT

Scarlett Kirouac

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

SPECIES

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PLAN

- Recheck echocardiogram in 1 year, sooner if a murmur develops in the interim.

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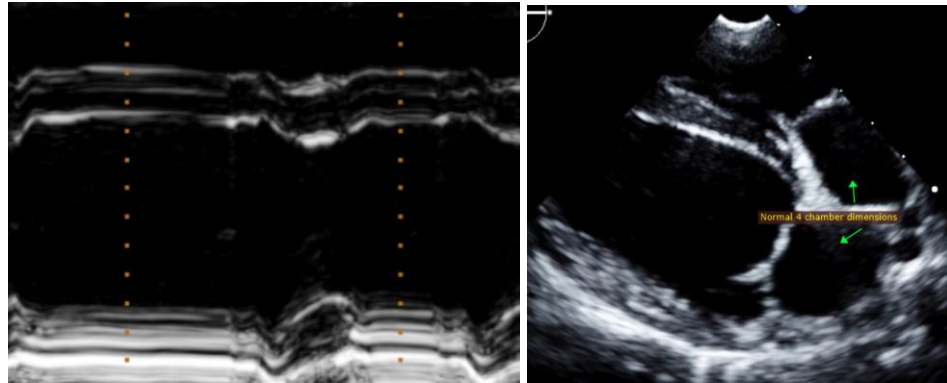
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IMAGES



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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.

Maggie Machen Lamy, DVM
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IMAGING PERFORMED BY

Pamela Harrigan, RDCS

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

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