



PATIENT

Luna Landry

SPECIES

Feline

BREED

DSH

SEX

Female Spayed

AGE

9 years

WEIGHT

14.19lbs

INTERPRETED BY

Maggie Machen
Lamy, DVM
DACVIM (Cardiology)

IMAGING PERFORMED BY

Pamela Harrigan,
RDCS

HOSPITAL NAME

Mass Veterinary Services

REFERRING VET

Dr. Masloski

INVOICE

30027

DATE

4/4/23

PRESENTING CLINICAL SIGNS

History: Recheck echo. History normal cardiac structure and function on prior echocardiogram performed on 6/23/21 for a noted gallop rhythm and murmur. Presently, Luna has been doing well but does have issues with OA. Her appetite remains good. On exam: NSR, no murmur noted though fairly vocal throughout exam, PSS, lung fields clear, compressible thorax, mm pink, moist, CRT<2. No blood pressure obtained. Current medications: 1) Fluticasone inhaler prn for emergencies 2) Albuterol inhaler prn for emergencies *Sedated with propofol for study. -Pertinent previous echo measurements (6/2021 MML): LA 1.1 cm; LA:Ao 1.4; LV 1.2 cm, IVS 0.45 cm; PW 0.42 cm.

ECHOCARDIOGRAM FINDINGS

2D, m-mode, color flow and Doppler imaging is available.

Left ventricle: The LV diameter is decreased with adequate myocardial function. The LV wall thicknesses are borderline in dimension. There is a diffusely hyperechoic endocardium consistent with mild fibrosis. The papillary muscles are mildly remodeled and hyperechoic.

Left atrium: The left atrium is normal in dimension. No obvious spontaneous contrast or thrombi seen.

Mitral valve: The mitral valve is normal in structure and mobility. No obvious systolic anterior motion is seen.

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: The right atrium is normal in dimension.

Tricuspid valve: The tricuspid valve appears normal with mild tricuspid regurgitation. Normal velocity.

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 150bpm.

2-Dimensional Measurements

Ao diam (cm)	0.9
LA diam (cm)	1.0
LA:Ao (Swe)	1.1
IVS thickness (cm)	0.57
LVID diastole (cm)	0.9
PW thickness (cm)	0.54
LVID systole (cm)	0.4
FS (%)	56

Doppler Measurements

PV Vmax (m/s)	0.55
AoV Vmax (m/s)	0.62
MR Vmax (m/s)	NA
TR Vmax (m/s)	2.0
TR PG (mmHg)	16

INTERPRETATION OF THE FINDINGS

Compared to the prior study, findings are similar. The LV is decreased in size with increased wall dimensions, which is most consistent with pseudohypertrophy. Baseline lab work is recommended, if not recently performed. The LA is normal, and no additional issues are identified. No evidence of pulmonary hypertension at this time.

Given these findings, no medications are indicated. Continued treatment of respiratory disease should be dictated by the clinical picture.



PATIENT

Luna Landry

Prognosis is open.

SPECIES

Feline

RECOMMENDATIONS

- Given these findings, no medications are indicated.
- Baseline lab work and BP are recommended.
- No cardiac contraindication for general anesthesia.
- Monitor for any clinical evidence of cardiac compromise, including respiratory changes and/or signs of a blood clot event (paralysis, neurologic changes, etc.).

BREED

DSH

PLAN

- Recommend recheck echocardiogram in 1 year to screen for progression.

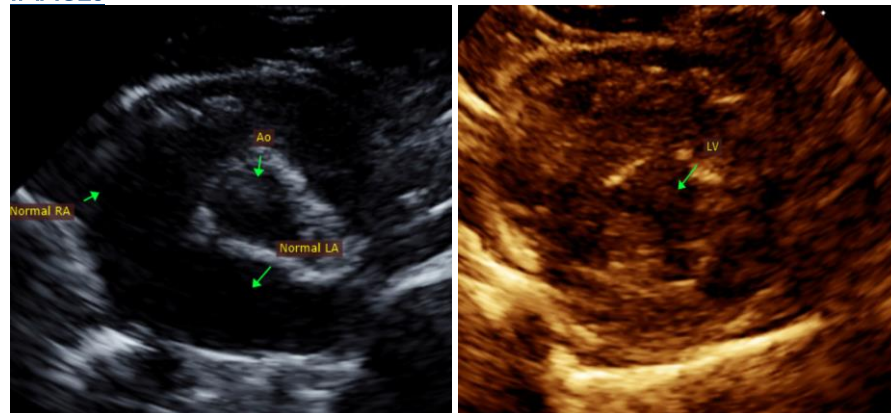
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

IMAGING

PERFORMED BY

Pamela Harrigan,
RDCS

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.

HOSPITAL NAME

Mass Veterinary
Services

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info@sonopath.com

REFERRING VET

Dr. Masloski

Echocardiogram performed by:

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

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