



PATIENT

Lily Berg

PRESENTING CLINICAL SIGNS

History: Heart murmur I/VI, not clinical, needs anesthesia for dental.

SPECIES

Feline

ECHOCARDIOGRAM FINDINGS

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

Left ventricle: The LV diameter is normal with adequate myocardial function. The LV wall thicknesses are irregular without significant hypertrophy. Exuberant fibrosis banding within mid-LV. There is a diffusely hyperechoic endocardium consistent with mild fibrosis. The endocardium appears mildly remodeled. The papillary muscles are mildly remodeled and hyperechoic.

BREED

Siamese

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

SEX

Female Spayed

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

AGE

11 years

Aortic valve/aorta: The aortic valve is normal in morphology and mobility. Normal aortic outflow velocity; laminar flow. Mild 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 no tricuspid regurgitation.

WEIGHT

10.3lbs

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 190bpm.

INTERPRETED BY

Maggie Machen
Lamy, DVM
DACVIM (Cardiology)

2-Dimensional Measurements

Ao diam (cm)	1.0
LA diam (cm)	1.1
LA:Ao (Swe)	1.1
IVS thickness (cm)	0.51
LVID diastole (cm)	1.45
PW thickness (cm)	0.50
LVID systole (cm)	0.7
FS (%)	50

Doppler Measurements

PV Vmax (m/s)	1.1
AoV Vmax (m/s)	1.2
MR Vmax (m/s)	NA
TR Vmax (m/s)	NA
TR PG (mmHg)	NA

IMAGING

PERFORMED BY

Pamela Harrigan,
RDCE

INTERPRETATION OF THE FINDINGS

While no significant hypertrophy is identified, exuberant fibrous tissue is noted within the LV, which is concerning for early restrictive disease. Additionally, the LV wall thickness is irregular without significant hypertrophy. The LA is normal indicating low risk for complication; however, follow up is strongly recommended. No cause for the murmur is identified in this study, making it likely physiologic in origin (i.e., secondary to tachycardia, volume changes, etc.). No additional issues are identified.

HOSPITAL NAME

Wignall Animal
Hospital

REFERRING VET

Dr. Thomas

RECOMMENDATIONS

INVOICE

30254

- Given these findings, no medications are indicated.
- The risk for general anesthesia is low, however heart rate stimulating drugs such as atropine, glycopyrrolate, etc. should be avoided unless medically necessary. With borderline LA dilation there may be an elevated risk for fluid overload in this patient and judicious IV fluid use is recommended.

DATE

4/14/23



PATIENT - Monitor for any clinical evidence of cardiac compromise, including respiratory changes and/or signs of a blood clot event (paralysis, neurologic changes, etc.)
 Lily Berg

PLAN

SPECIES - Recommend recheck echocardiogram in 6-12 months to reassess murmur origin and screen for progressive LA dilation.
 Feline

IMAGES

BREED

Siamese

SEX

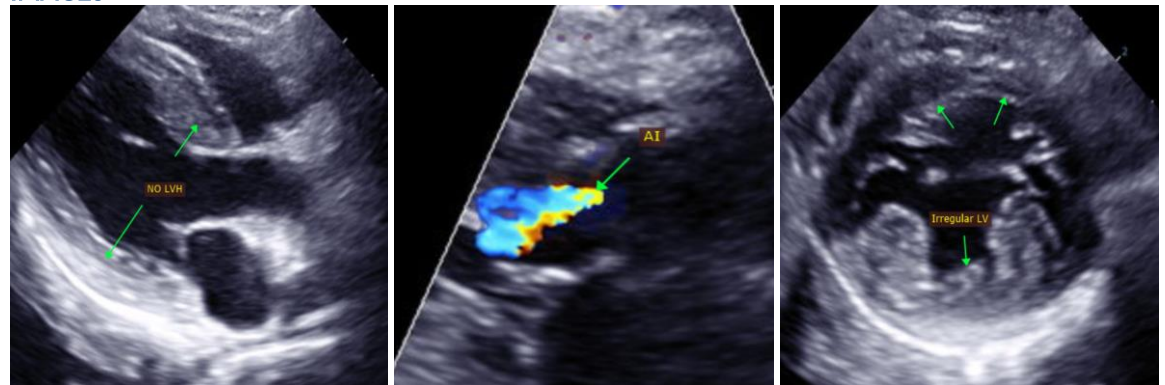
Female Spayed

AGE

11 years

WEIGHT

10.3lbs



INTERPRETED BY

Maggie Machen Lamy, DVM
 DACVIM (Cardiology)

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.

IMAGING PERFORMED BY

Pamela Harrigan, RDCS

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

HOSPITAL NAME

Wignall Animal Hospital

REFERRING VET

Dr. Thomas

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