

PATIENT
Layla Neiman

PRESENTING CLINICAL SIGNS

History: Layla is referred for a heart murmur heard in January. Her thyroid level at that time was within normal range. Good appetite; occasional vomiting. CV/RESP: NSR, grade II/VI murmur with PMI on sternum, PSS, lung fields clear, compressible thorax. BP: 130mmHg x 4. No medications *Sedated with propofol.

SPECIES
Feline

ECHOCARDIOGRAM FINDINGS

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

BREED
DSH

Left ventricle: The LV diameter is normal with adequate myocardial function. The LV wall dimensions are normal. There is mild fibrosis of the endocardium. The endocardium appears mildly remodeled. The papillary muscles appear hyperechoic and normal in dimension.

SEX
Female

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

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

AGE
12 years

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 no tricuspid regurgitation.

WEIGHT
10.19lbs

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 140bpm.

INTERPRETED BY

Maggie Machen
Lamy, DVM
DACVIM (Cardiology)

2-Dimensional Measurements

Ao diam (cm)	1.1
LA diam (cm)	1.2
LA:Ao (Swe)	1.1
IVS thickness (cm)	0.41
LVID diastole (cm)	1.4
PW thickness (cm)	0.42
LVID systole (cm)	0.6
FS (%)	57

Doppler Measurements

PV Vmax (m/s)	0.6
AoV Vmax (m/s)	1.0
MR Vmax (m/s)	NA
TR Vmax (m/s)	NA
TR PG (mmHg)	NA

IMAGING PERFORMED BY

Pamela Harrigan,
RDCS

HOSPITAL NAME

Mass Veterinary
Specialty Services

REFERRING VET

Dr. Masloski

INTERPRETATION OF THE FINDINGS

Overtly normal cardiac structure and function are identified. Mild remodeling fibrosis of the left ventricular wall is noted, which is likely a normal age-related variant. No significant valve leaks are noted, and flow through the great vessels is normal in velocity. No definitive cause is identified for the murmur in this study, making it likely physiologic in origin (i.e. secondary to tachycardia, volume changes, etc.).

Prognosis is open.

INVOICE

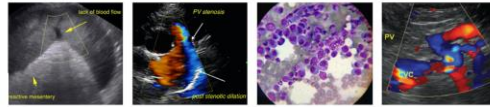
21256

RECOMMENDATIONS

- Given these findings, no medications are indicated.

DATE

9/28/21



PATIENT
Layla Neiman

- No cardiac contraindication for general anesthesia. Should fluid or steroid therapy be indicated in the future, any senior cat should be monitored for intolerance (changes in RR/RE).
- Monitor at home for signs of cardiac compromise, including respiratory changes and/or signs of a blood clot event (paralysis, neurologic changes).

SPECIES
Feline

PLAN

- Recommend recheck echocardiogram in 1 year to assess for any progressive issues or development of disease the pre-existing murmur may mask.

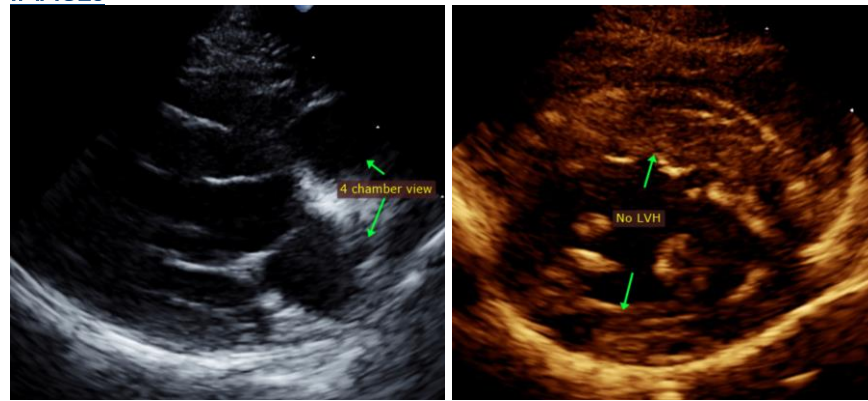
BREED
DSH

IMAGES

SEX
Female

AGE
12 years

WEIGHT
10.19lbs



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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.

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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HOSPITAL NAME

Mass Veterinary
Specialty Services

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

REFERRING VET

Dr. Masloski

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