



PATIENT
Saturn Milford HS

PRESENTING CLINICAL SIGNS

History: Grade III/VI systolic murmur heard on initial kitten exam. No clinical signs; active and playful. BP: 146mmHg.

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 normal. The papillary muscles are normal. The endocardium appears normal.

BREED
DSH

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

SEX

Female Intact

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

AGE

3 months

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
3.6lbs

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 170bpm.

INTERPRETED BY

Maggie Machen
Lamy, DVM
DACVIM (Cardiology)

2-Dimensional Measurements

| | |
|--------------------|------|
| Ao diam (cm) | 0.8 |
| LA diam (cm) | 0.9 |
| LA:Ao (Swe) | 1.1 |
| IVS thickness (cm) | 0.25 |
| LVID diastole (cm) | 1.25 |
| PW thickness (cm) | 0.28 |
| LVID systole (cm) | 0.5 |
| FS (%) | 59 |

Doppler Measurements

| | |
|----------------|-----|
| PV Vmax (m/s) | 1.0 |
| AoV Vmax (m/s) | 1.3 |
| MR Vmax (m/s) | NA |
| TR Vmax (m/s) | NA |
| TR PG (mmHg) | NA |

IMAGING PERFORMED BY

Pamela Harrigan,
RDCS

HOSPITAL NAME

Metrowest Vet
Associates

INTERPRETATION OF THE FINDINGS

Essentially normal cardiac structure and function. The LV wall thickness is normal and there is no evidence of elevated left atrial pressure. Flow through both great vessels is normal and no pathology is appreciated. No cause for the murmur is identified in this study, making it likely physiologic in origin and masked by sedation (i.e., secondary to tachycardia, volume changes, etc.).

REFERRING VET

Dr. Arzt

RECOMMENDATIONS

- Given these findings, no medications are indicated.
- 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.).

INVOICE
29237

DATE

2/24/23



PATIENT

Saturn Milford HS

PLAN

- Recommend recheck echocardiogram in 1 year to reassess murmur origin and screen for development of disease the pre-existing murmur may mask.

SPECIES

Feline

BREED

DSH

SEX

Female Intact

AGE

3 months

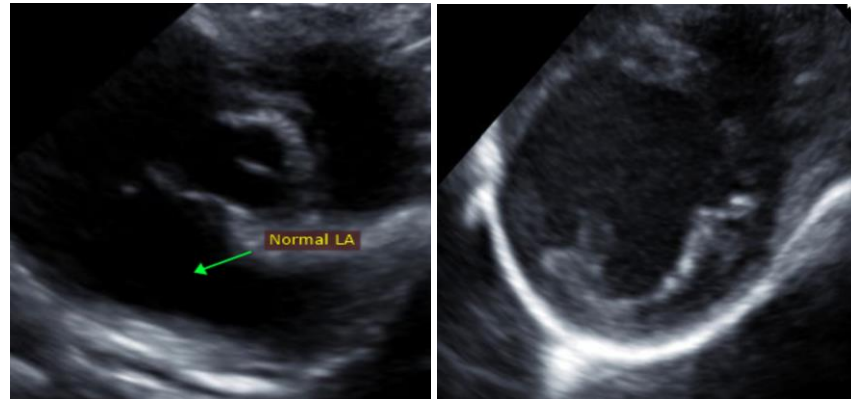
WEIGHT

3.6lbs

INTERPRETED BY

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 DACVIM (Cardiology)

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.

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
 Diplomate of the American College of Veterinary Internal Medicine (Cardiology)
 info@sonopath.com

IMAGING PERFORMED BY

Pamela Harrigan,
 RDCS

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

HOSPITAL NAME

Metrowest Vet
 Associates

REFERRING VET

Dr. Arzt

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