



PATIENT

Phoenix Ahearn

PRESENTING CLINICAL SIGNS

History: New grade I-II/VI heart murmur. BW WNL. No clinical signs.

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 dimensions are normal. There is a significant fibrosis of the endocardium. The endocardium appears mildly remodeled. The papillary muscles appear normal.

BREED

DMH

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. Trace MR.

SEX

Female Spayed

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.

AGE

11 years

Right atrium: The right atrium is normal in dimension.

Tricuspid valve: The tricuspid valve appears normal with trace tricuspid regurgitation.

Pulmonic valve/pulmonary artery: The pulmonic valve is normal in morphology and mobility. No pulmonic insufficiency. An elevated RVOT velocity is seen on color flow and Spectral doppler.

WEIGHT

11.2lbs

Pericardium/other: No pericardial or pleural effusion noted. No obvious cardiac masses.

Heart rhythm: ECG reveals a sinus rhythm with an average HR of 180bpm.

INTERPRETED BY

Maggie Machen
Lamy, DVM
DACVIM (Cardiology)

2-Dimensional Measurements

Ao diam (cm)	1.0
LA diam (cm)	1.2
LA:Ao (Swe)	1.2
IVS thickness (cm)	0.46
LVID diastole (cm)	1.28
PW thickness (cm)	0.42
LVID systole (cm)	0.75
FS (%)	41

Doppler Measurements

PV Vmax (m/s)	1.8
AoV Vmax (m/s)	1.1
MR Vmax (m/s)	NA
TR Vmax (m/s)	NA
TR PG (mmHg)	NA

IMAGING

PERFORMED BY

Eduardo Rodriguez
III, RCS

INTERPRETATION OF THE FINDINGS

Overtly normal geriatric cardiac structure and function are identified. Significant remodeling and fibrosis of the left ventricular wall is noted, which is likely a normal age-related variant; however, follow up is advised. No significant valve leaks are noted, and flow through the aorta is normal in velocity. A dynamic RVOT is noted which is a benign cause of murmurs in cats.

HOSPITAL NAME

Metrowest Vet
Associates

RECOMMENDATIONS

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

REFERRING VET

Dr. Arzt

INVOICE

31360

DATE

6/15/23



PATIENT

Phoenix Ahearn

PLAN

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

SPECIES

Feline

BREED

DMH

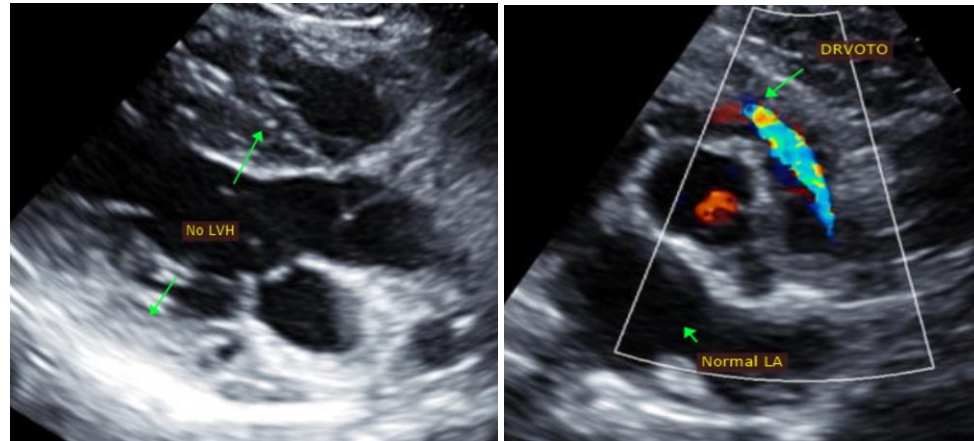
SEX

Female Spayed

AGE

11 years

IMAGES



WEIGHT

11.2lbs

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

IMAGING PERFORMED BY

Eduardo Rodriguez
 III, RCS

Echocardiogram performed by: Eduardo Rodriguez III, RCS
 Pet Animal Ultrasound Service (4paus.com)

HOSPITAL NAME

Metrowest Vet
 Associates

REFERRING VET

Dr. Arzt

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