



PATIENT

Morty Boglich

SPECIES

Feline

BREED

DSH

SEX

Male Neutered

AGE

7 years

WEIGHT

17.75lbs

INTERPRETED BY

Maggie Machen
Lamy, DVM
DACVIM (Cardiology)

IMAGING PERFORMED BY

Pamela Harrigan,
RDCS

HOSPITAL NAME

Mass Veterinary
Services

REFERRING VET

Dr. Masloski

INVOICE

25951

DATE

8/23/22

PRESENTING CLINICAL SIGNS

History: Recheck echo. History HOCM, stable on prior echocardiogram. Currently, Morty is doing well - good appetite and activity level. On exam: NSR, grade II/VI murmur with PMI on sternum, PSS, lung fields clear. BP: 160mmHg x 5. Current medications: Atenolol 25mg 1/4 tab daily.

-Pertinent previous echo findings (6/22/21 Maggie Machen Lamy, DVM, DACVIM-Cardiology): LA 1.35 cm; LA:Ao 1.4; LV 1.4 cm; minimal LAE; mild-moderate LV hypertrophy with regional variability and endocardial remodeling; MV SAM; LVOT Vmax 3.8 m/s. *No sedation for study.

ECHOCARDIOGRAM FINDINGS

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

Left ventricle: The LV is irregular with regions of mild to moderate hypertrophy and regions of thinning. There is a diffusely hyperechoic endocardium consistent with mild fibrosis. The papillary muscles appear severely hypertrophied. The endocardium appears remodeled.

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

Mitral valve: The mitral valve is normal in structure and mobility. Systolic anterior motion is seen on 2D imaging. Mild eccentric mitral regurgitation.

Aortic valve/Aorta: The aortic valve is normal in morphology and mobility. Elevated aortic outflow velocity with a dynamic profile. 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.

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 180bpm.

2-Dimensional Measurements

Ao diam (cm)	0.8
LA diam (cm)	1.3
LA:Ao (Swe)	1.4
IVS thickness (cm)	0.64
LVID diastole (cm)	1.1
PW thickness (cm)	0.77
LVID systole (cm)	0.47
FS (%)	55

Doppler Measurements

PV Vmax (m/s)	0.88
AoV Vmax (m/s)	3.0
MR Vmax (m/s)	NA
TR Vmax (m/s)	NA
TR PG (mmHg)	NA

INTERPRETATION OF THE FINDINGS

Compared to the prior study, there is evidence of continued stability. The LV wall dimensions are similar and the LA unchanged. The LVOTO obstruction persists despite Atenolol therapy; however, appears mild overall. No additional issues are identified.

Prognosis remains guarded, given the highly variable outcomes with subclinical feline cardiomyopathy.



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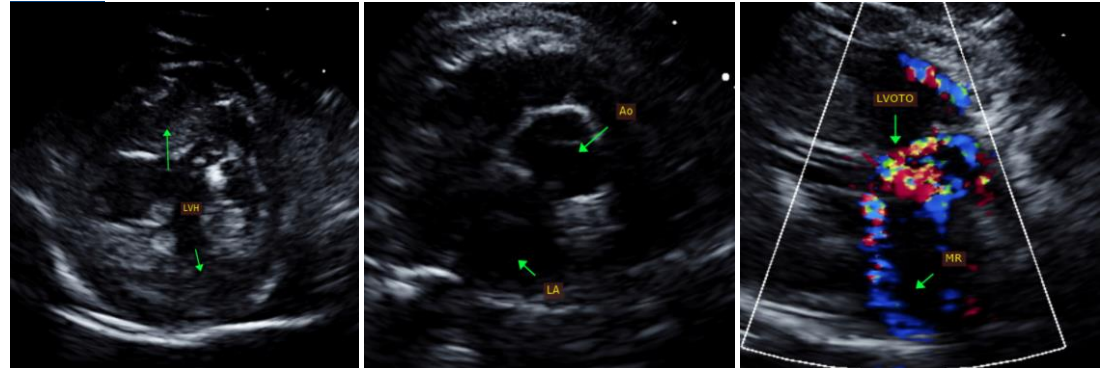
RECOMMENDATIONS

- Continue Atenolol as prescribed with no other medications indicated.
- Risk for general anesthesia remains low, however judicious IV fluid rates are advised to avoid fluid overload. Additionally, drugs that stimulate heart rate should be avoided unless clinically necessary.
- Monitor for any clinical evidence of cardiac compromise, including respiratory changes and/or signs of a blood clot event (paralysis, neurologic changes, etc.).

PLAN

- Recommend recheck BP and echocardiogram in 6-12 months to continue to screen for progression.

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