



PATIENT

Celia Burris

SPECIES

Feline

BREED

DSH

SEX

Female Spayed

AGE

19 years

WEIGHT

6.2lbs

INTERPRETED BY

Maggie Machen Lamy,
DVM, DACVIM
(Cardiology)

IMAGING PERFORMED BY

Kelly Vazquez, CVT

HOSPITAL NAME

Animal General on
Hudson

REFERRING VET

Dr. Zelinkski

INVOICE

24274

DATE

5/18/22

PRESENTING CLINICAL SIGNS

History: Recheck echo. Current medications: Methimazole.

-Pertinent previous echo findings (9/2021 MML): No LVH, LV remodeling, no LAE, mild to moderate AI, trace/mild MR. Unknown murmur.

ECHOCARDIOGRAM FINDINGS

2D, m-mode, color flow and doppler imaging is available. The left ventricular wall is normal in dimension. There is a diffusely hyperechoic endocardium consistent with fibrosis. The endocardium/papillary muscles appear remodeled. The left atrium is borderline in dimension. The right atrium is normal in size. The right ventricle appears normal in size. The mitral valve is normal in structure and mobility. Blood flow through both the LVOT and RVOT is normal in velocity. Trace/mild MR. Mild TR. Mild to moderate AI. No evidence of cardiac tumors on this scan. No pericardial or pleural effusion identified.

CARDIAC CHART

FELINE CARDIAC PARAMETERS	BODY WEIGHT (kg)	HR (BPM)	IVSd (cm) <small>(Moise, Pipers)</small>	LVIDd (cm) <small>(Moise, Pipers)</small>	LVWd (cm) <small>(Moise, Pipers)</small>	FS (%)	EF (%)
NORMAL PARAMETER	-----	150-240	0.35-0.55	<2 (mean 1.5)	3.5-0.55	35-67	80-100
PATIENT	2.8	NM	0.38	1.58	0.49	42	77
FELINE CARDIAC PARAMETERS	LA/AO <small>(Boon)</small>	LA/AO HEART BASE (Swe) <small>(Abbott)</small>	LA 2D short axis Base view (cm) <small>(Abbott)</small>		LVOT VEL (m/s)	RVOT VEL (m/s)	E max (m/s)
NORMAL	<1.5	<1.3	<1.2		<1.6	<1.3	<0.9
PATIENT	1.3	1.4	1.35		1.1	1.4	NM

**Note: All measurements based upon multi-modal images and methods. An average value is reported.
Adapted from June Boon, Veterinary Echocardiography, 1998
Abbott J & MacLean H JVIM 2006;20: 111-119, Moise et al. Am J Vet Res 47:1476, 1986. Pipers et al. Am J Vet Res 40:882, 1979.*

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Largely unchanged cardiac dimensions and function. No significant LV hypertrophy and small leaks remain in the mitral and tricuspid valves. Mild to moderate AI is unchanged and lifelong blood pressure monitoring is advised. Finally, the LA is borderline in dimension and continued monitoring for progression is advised.

Given these findings, no medications are indicated as risk for complication remains relatively low. With this degree of remodeling and diastolic stiffening, there is an elevated risk for fluid overload in this patient, and judicious IV fluid use is recommended should they be necessary in the future.

PLAN

Baseline BP, renal panel and T4 monitoring every 6 months.

Recommend recheck echocardiogram in 6-12 months to screen for progression and/or development of cardiomyopathy.



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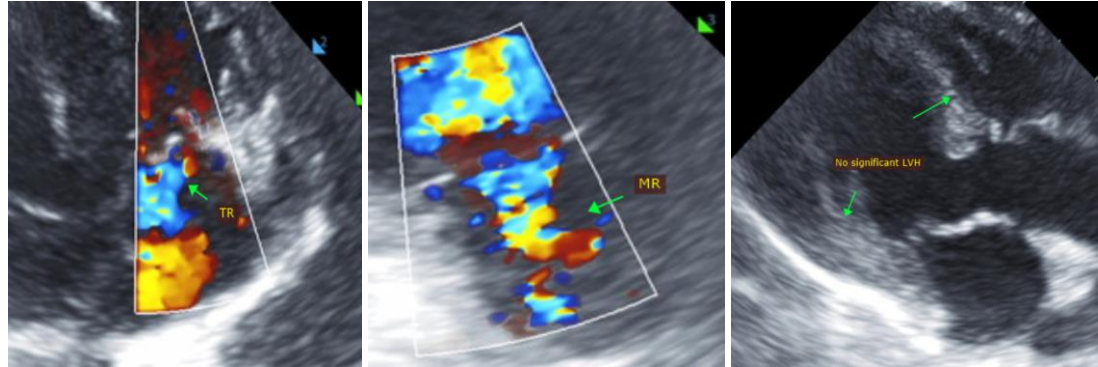
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IMAGES



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.

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