


PATIENT

 Gibson Burlington
 Humane

SPECIES

Feline

BREED

DSH

SEX

Male Neutered

AGE

10 years

WEIGHT

16.5lbs

INTERPRETED BY

 Maggie Machen Lamy,
 DVM DACVIM
 (Cardiology)

IMAGING PERFORMED BY

Kelly Reschny, RVT

HOSPITAL NAME

 Burlington Humane
 Society

REFERRING VET

Dr. Hall

INVOICE

20636

DATE

8/19/21

PRESENTING CLINICAL SIGNS

 History: Recheck echo. Grade 3/6 murmur.
 -Pertinent previous echo findings (2/2021 MML): Moderate LVH, mild to moderate LAE, DRVOTO. LA: 1.33, IVSd: 0.74, LVWd: 0.70

ECHOCARDIOGRAM FINDINGS

2D, m-mode, color flow and doppler imaging is available. The left ventricular wall is moderately hypertrophied. There is a diffusely hyperechoic endocardium consistent with fibrosis. Mild symmetric papillary muscle hypertrophy and remodeling. The right ventricle is subjectively normal in size and morphology. There is mild to moderate left atrial enlargement present. No right atrial enlargement present. Elevated RVOT velocity on color flow (not captured on Spectral). No obvious TR. There is no obvious systolic anterior motion (SAM) of the mitral valve present. No MR. The aortic outflow velocity is normal. There is no pericardial effusion noted. No pleural effusion appreciated. No obvious cardiac tumors.

CARDIAC CHART

FELINE CARDIAC PARAMETERS	BODY WEIGHT (kg)	HR (BPM)	IVSd (cm) (Moise, Pipers)	LVIDd (cm) (Moise, Pipers)	LVWd (cm) (Moise, Pipers)	FS (%)	EF (%)
NORMAL PARAMETER	-----	150-240	0.35-0.55	<2 (mean 1.5)	3.5-0.55	35-67	80-100
PATIENT	7.5	156	0.75	1.48	0.48	38	72
FELINE CARDIAC PARAMETERS	LA/AO (Boon)	LA/AO HEART BASE (Swe) (Abbott)	LA 2D short axis Base view (cm) (Abbott)	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	1.7	1.5	1.58	1.1	1.1	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

Stable HCM is identified in this study. The LV wall dimensions are similar, and the LA remains mildly dilated. No additional issues are identified. BP and T4 should be continued to be monitored lifelong.

No medications are mentioned in the history and if that is the case, there is no obvious indication at this time. An ACE-I was discussed previously which should be utilized in light of systemic pressures. Continue to monitor as was previously discussed.



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A recheck echocardiograms is recommended in 6-12 months to reassess for progression and need for additional medications.

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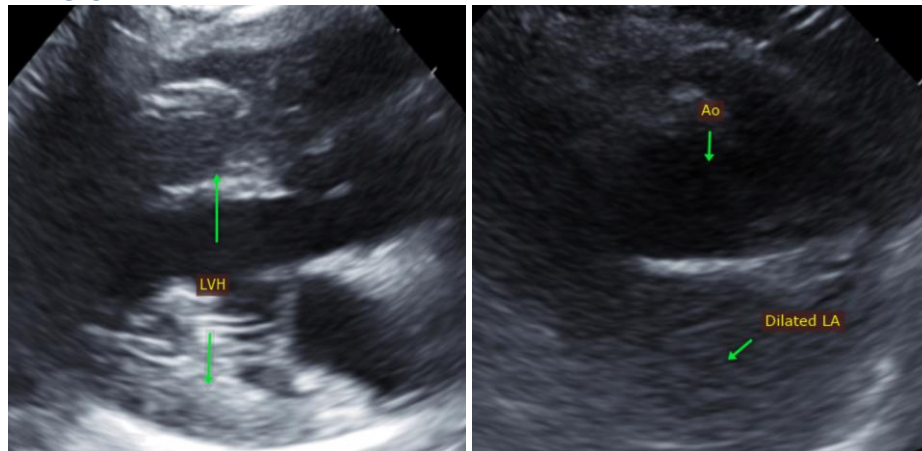
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IMAGES



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.

Maggie Machen Lamy, DVM
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