


PATIENT

Gage Wightman

PRESENTING CLINICAL SIGNS

 History: Has a low-grade heart murmur but also seems more congested lately.
 -Current medications: Fortekor and Furosemide.

SPECIES

Feline

ECHOCARDIOGRAM FINDINGS

2D, m-mode, color flow and doppler imaging is available. The left ventricular wall is largely normal with mild remodeling and fibrosis of the endocardium. The systolic function is intact. The papillary muscles are mildly remodeled. The left atrium is moderately dilated (small Ao falsely elevating ratio). No obvious spontaneous contrast seen. The right atrium is normal. The right ventricle is normal. Trace tricuspid regurgitation. The mitral valve is normal with no obvious MR. Blood flow through both the LVOT and RVOT is normal in velocity. No obvious pericardial effusion seen. No pleural effusion. No obvious cardiac tumors.

BREED

DSH

SEX

Male Neutered

CARDIAC CHART
AGE

12 years

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	6.8	172	0.46	1.37	0.47	40	76
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	1.4	2.0	2.0	0.77	1.0	NM	

WEIGHT

3.1lbs

INTERPRETED BY

 Maggie Machen Lamy,
 DVM DACVIM
 (Cardiology)

**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.

IMAGING PERFORMED BY

Crystal Hill, RVT

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The finding of moderate left atrial enlargement in the face of normal LV wall thickness is most consistent with Unclassified Cardiomyopathy (UCM), however end-stage/burnout HCM or some infectious or inflammatory insult to the myocardium cannot be definitively ruled out. No obvious additional issues are identified.

HOSPITAL NAME

 Governors Road
 Animal Hospital

REFERRING VET

Dr. Farooq

Regardless of categorical classification, the finding of atrial enlargement in the face of respiratory signs is concerning for congestive heart failure. The patient is already on Lasix without explanation. Presumably there is a history of CHF; however, further information is necessary. If congestion is due to active pulmonary edema, certainly Lasix should be continued with a dose increase. Pimobendan may also be beneficial in this case. If able to be medicated, the mean survival time for cats with CHF is 8-12 months, however most are able to maintain a good quality of life on medications. There will always remain risk for recurrent episodes of CHF, development of blood clots, and/or malignant

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arrhythmias/sudden death in the future. Monitoring of sleeping breathing rates is recommended as the best way to screen for recurrent CHF at home.

SPECIES

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PLAN

Highly recommend chest radiographs to determine if CHF is present. If present (currently or previously), Lasix should be utilized 1-2mg/kg PO q12h. Baseline blood pressure is recommended. Continue ACE-I 0.5mg/kg PO q12h if BP is >130mmHg. Recommend Pimobendan (off label use) 1.25mg PO q12. Institute blood thinner Clopidogrel (Plavix) 75mg tablets; give ¼ tab orally once daily (NOTE: this medication is very bitter on the cut edges).

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Recheck renal values and BP every 3-4 months lifelong.

A recheck echocardiogram is recommended in 6 months to assess progression.

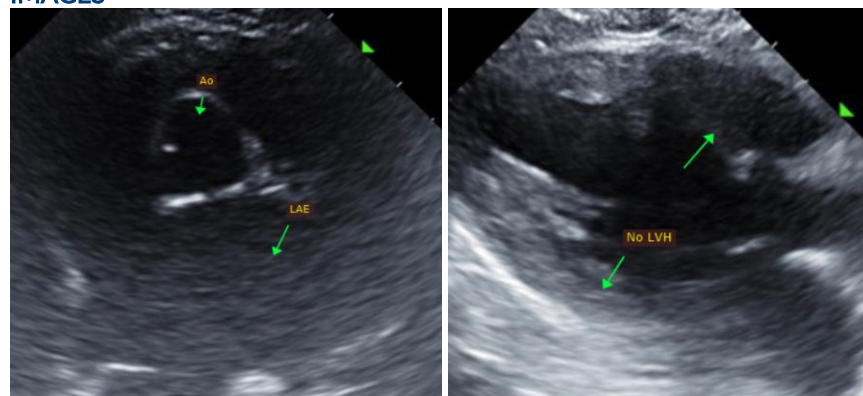
AGE

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IMAGES

WEIGHT

3.1lbs



INTERPRETED BY

Maggie Machen Lamy,
DVM DACVIM
(Cardiology)

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.

IMAGING PERFORMED BY

Crystal Hill, RVT

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.

HOSPITAL NAME

Governors Road
Animal Hospital

Maggie Machen Lamy, DVM
Diplomate of the American College of Veterinary Internal Medicine (Cardiology)
info@sonopath.com

REFERRING VET

Dr. Farooq

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