

IMAGING PERFORMED BY

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Clinical Sonography & Telecytology

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PATIENT

Miss Barnabas Oliver

SPECIES

Feline

BREED

DSH

SEX

Female Spayed

AGE

5.1.11

WEIGHT

7.7lbs

INTERPRETED BY

Maggie Machen Lamy,
DVM, DACVIM
(Cardiology)

HOSPITAL NAME

Pet Wellness Center

REFERRING VET

Dr. Twardus

INVOICE

27696

DATE

11.29.22

PRESENTING CLINICAL SIGNS

History: Recheck echo.

-Current medications: Felimazole 2.5mg BID, Enalapril 2.5mg BID.

-Sedation used: Not required to complete full diagnostic ultrasound.

-Pertinent previous ultrasound results (4/2022 MML): Asymmetric LVH. IVSd: 0.55, LVWd: 0.71. Mild to moderate LAE, trace AI. LA: 1.5. Recommend ACE-I.

-STAT: Not requested. ECG declined at this time.

-Imaging performed by: Stephanie Warga RDCS, RVT.

ECHOCARDIOGRAM FINDINGS

2D, m-mode, color flow and doppler imaging is available. The left ventricular wall is increased in dimension with a borderline septal dimension and moderate free wall thickening. There is a diffusely hyperechoic endocardium consistent with fibrosis. Moderate symmetric papillary muscle hypertrophy. The right ventricle is subjectively normal in size and morphology. There is mild left atrial enlargement present. No right atrial enlargement present. Normal RVOT velocity. Trace TR. Normal LVOT velocity. There is no obvious systolic anterior motion (SAM) of the mitral valve present. No MR. No AI. 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) <small>(Moise, Pipers)</small>	LVIDd (cm) <small>(Moise, Pipers)</small>	LVWd (cm) <small>(Moise, Pipers)</small>	FS (%)	EF (%)
NORMAL PARAMETER	-----	150-240	3.5-0.55	<2 (mean 1.5)	3.5-0.55	35-67	80-100
PATIENT	3.5	NM	0.58	1.5	0.79	38	72
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	NM	1.4	1.35		1.3	1.3	NM

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

Compared to the prior study, findings appear similar. The LV remains asymmetric in appearance without obvious progression. The LA is mildly dilated, indicating low risk for complication. No additional issues are identified.

Giving these findings, continue Enalapril as prescribed. Serial monitoring of blood pressure is recommended.

Prognosis remains guarded long-term.

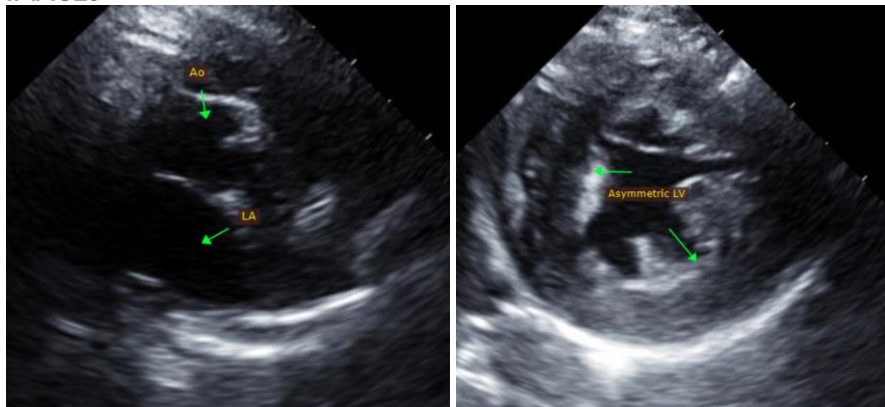
Continue to monitor for associated clinical signs as previously discussed.

PLAN

Baseline BP is recommended. Continue Enalapril as prescribed.

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

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