

PATIENT

Maverick Harris

SPECIES

Feline

BREED

DSH

SEX

Male Neutered

AGE

6 years

WEIGHT

13lbs

INTERPRETED BY

Maggie Machen
Lamy, DVM, DACVIM
(Cardiology)

PRESENTING CLINICAL SIGNS

History: Recheck echo. Assess prior to anesthesia.
-Pertinent abnormal PE/Chem/CBC/UA Results: FIV positive patient.
-Current medications: Imuquin health supplement.
-Sedation used: Not needed.
-Pertinent previous ultrasound results (10-19-2020 MML): Normal, unknown murmur.
-STAT: Not requested.

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. Minimal remodeling. The papillary muscles appear normal. The left atrium is normal in size. The right atrium is normal in size. The right ventricle appears normal. The mitral valve is normal in structure and mobility. Trivial MR. The tricuspid valve appears normal in structure and mobility. No TR. Blood flow through both the LVOT and RVOT are normal in velocity. No obvious cause for the murmur is 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 <small>(mean 1.5)</small>	3.5-0.55	35-67	80-100
PATIENT	5.9	200	0.41	1.5	0.41	52	86
FELINE CARDIAC PARAMETERS	LA/AO <small>(Boon)</small>	LA/AO HEART BASE <small>(Swe) (Abbott)</small>	LA 2D short axis Base view <small>(cm) (Abbott)</small>		LVOT VEL <small>(m/s)</small>	RVOT VEL <small>(m/s)</small>	E max <small>(m/s)</small>
NORMAL	<1.5	<1.3	<1.2		<1.6	<1.3	<0.9
PATIENT	NM	1.2	1.1		1.4	1.3	NM
<p><i>*Note: All measurements based upon multi-modal images and methods. An average value is reported.</i> 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.</p>							

HOSPITAL NAME

Perry Hall Animal Hospital

REFERRING VET

Dr. Hatzigiannakis

INVOICE

21838

DATE

11/2/21

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

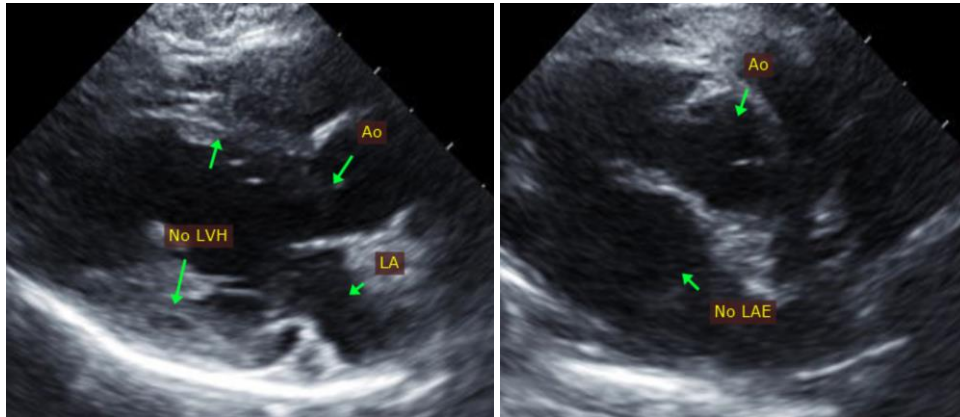
No cardiac pathology is identified in this study. Findings are similar to the previous exams without any progressive issues. Given these findings and a normal LA dimension, no medications remain indicated.

No cardiac contraindication for general anesthesia. Should fluid or steroid therapy be indicated in the future, any cat should be monitored for intolerance (changes in RR/RE).

Monitor at home for signs of cardiac compromise, including respiratory changes and/or signs of a blood clot event (paralysis, neurologic changes).

Recommend recheck echocardiogram in 1 year to assess for any progressive issues or development of disease the pre-existing murmur may mask.

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. 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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