



PATIENT

Arya Gorenz

PRESENTING CLINICAL SIGNS

History: Recheck echo. Grade 1/6 heart murmur.
-Pertinent previous echo findings (9/2021 MML): Mild LV remodeling, no significant pathology.

SPECIES

Feline

ELECTROCARDIOGRAPHIC FINDINGS *Note: Single lead ECGs are evaluated as a rhythm strip. Morphology/MEA cannot be definitively commented on.

A single lead ECG is available; 50mm/s, 20mm/mV. The average heart rate is 200bpm with a regular rhythm. P waves cannot be identified due to device insensitivity and a sinus origin is suspected. P for every QRS complex and vice versa. The P and QRS morphologies are positive. No ectopic beats, pauses or other dysrhythmias observed.
ECG diagnosis: Normal sinus tachycardia.

BREED

Siamese Mis

SEX

Female Spayed

ECHOCARDIOGRAM FINDINGS

2D, m-mode, color flow and doppler imaging is available. The left ventricular wall is normal in dimension. There is a mildly hyperechoic endocardium consistent with fibrosis. Mild remodeling. The papillary muscles are mildly hyperechoic. 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. No MR. The tricuspid valve appears normal in structure and mobility. No TR. Blood flow through both the RVOT and LVOT is normal in velocity. No obvious cause for the murmur is identified.

AGE

3 years

WEIGHT

10.8lbs

CARDIAC CHART

INTERPRETED BY

Maggie Machen Lamy,
DVM, DACVIM
(Cardiology)

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	4.9	NM	0.46	1.3	0.47	40	90
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	1.2	1.0	1.0		1.3	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.

IMAGING PERFORMED BY

Dana Alterman,
RDMS, LVT

HOSPITAL NAME

Eubank Animal Clinic

REFERRING VET

Dr. Gardner

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

No change compared to the prior study. No significant pathology identified with unchanged LV remodeling/fibrosis. The ECG is unremarkable with a normal sinus tachycardia.

INVOICE

26311

Given these findings and a normal LA dimension, no medications are indicated.

DATE

9/12/22

No cardiac contraindication for general anesthesia.



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

SPECIES

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Recommend recheck echocardiogram annually, sooner if clinical signs of cardiac compromise arise.

BREED

Siamese Mis

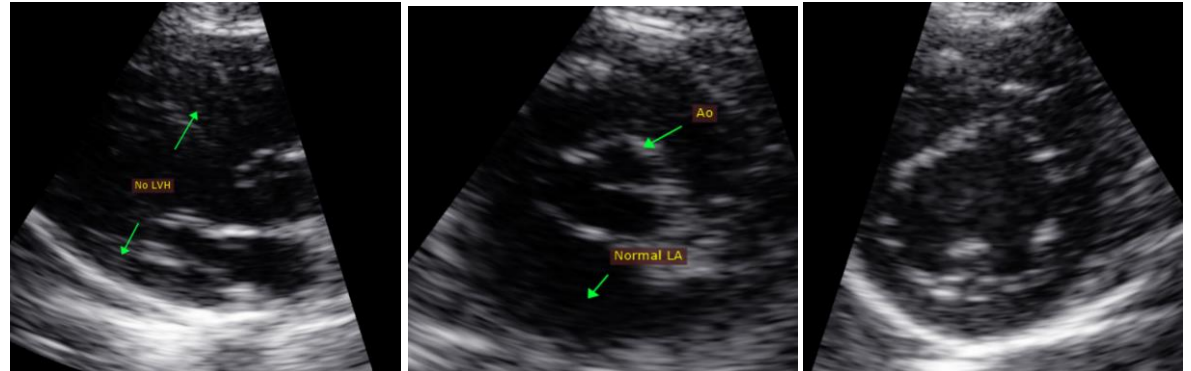
SEX

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AGE

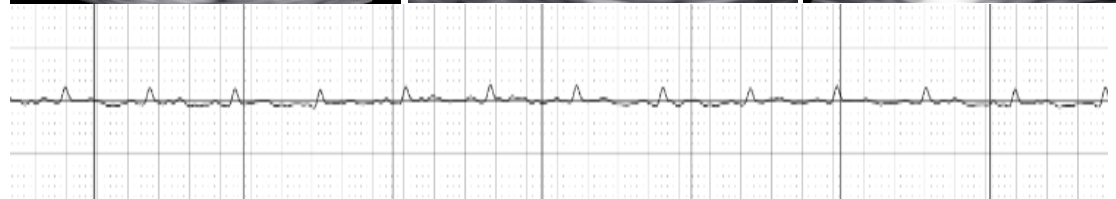
3 years

IMAGES



WEIGHT

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(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

Dana Alterman,
RDMS, LVT

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

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REFERRING VET

Dr. Gardner

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