

**PATIENT**

Murphy Kratowicz

PRESENTING CLINICAL SIGNS

History: Panting more frequently. A gallop heart murmur was noted on exam. Gabapentin was given prior to study.

SPECIES

Feline

RADIOGRAPHIC FINDINGS *NOTE: Images submitted for supplemental cardiac information only. Normal cardiac silhouette. No obvious evidence of CHF.

BREED

Birman

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; 25mm/s, 10mm/mV. The average heart rate is 175bpm (range 166-188bpm). P waves cannot be visualized due to small complexes; however, a sinus origin is suspected. The QRS morphology is positive. No ectopic beats, pauses or other dysrhythmias observed.

SEX

ECG diagnosis: Normal sinus tachycardia.

Male Neutered

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. Mild remodeling. The papillary muscles are 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. Trace TR. Normal velocity. Blood flow through the LVOT and RVOT is normal in velocity. No effusions. No obvious cardiac tumors.

AGE

8 years

WEIGHT

10.11lbs

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 (mean 1.5)	3.5-0.55	35-67	80-100
PATIENT	4.6	170	0.41	1.3	0.44	65	95
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	1.3	1.3	1.2	0.8	0.8	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.

INTERPRETED BY

Maggie Machen Lamy,
DVM, DACVIM
(Cardiology)

IMAGING PERFORMED BY

Kim Liedberg

HOSPITAL NAME

SVS Imaging WI

REFERRING VET

Dr. Beyer

INVOICE

24688

DATE

6/9/22

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Overtly normal cardiac structure and function. Mild fibrosis of the left ventricular wall is noted, which is likely a normal variant. No significant valve leaks are noted, and flow through the great vessels is normal in velocity. Given these findings and a normal LA dimension, no medications are indicated. The ECG is unremarkable with a normal sinus rhythm.

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PATIENT

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These findings would suggest panting is noncardiac in origin. Consider respiratory issues, stress, etc.

SPECIES

Feline

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).

BREED

Birman

Recommend recheck echocardiogram in 1 year to assess for any progressive issues.

SEX

Male Neutered

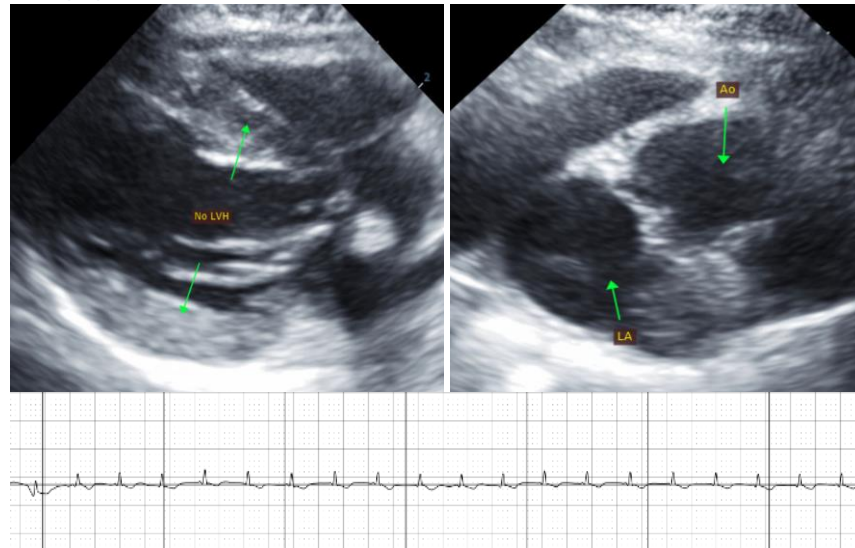
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IMAGES



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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

Kim Liedberg

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.

HOSPITAL NAME

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