


PATIENT

Asami Waldron

SPECIES

Feline

BREED

DSH

SEX

FI

AGE

6mo

WEIGHT

2.5kas

INTERPRETED BY

 Maggie Machen Lamy,
 DVM DACVIM
 (Cardiology)

IMAGING PERFORMED BY

Kelly Reschny, CVT

PRESENTING CLINICAL SIGNS

History: Panting after exercise; NMA. HR 120bpm, BP 120/80mmHg.

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. The papillary muscles are normal. The left atrium is normal in size. The right heart and MPA are prominent in some views; not consistent. The mitral valve is normal in structure and mobility. Blood flow through both the LVOT and RVOT is normal in velocity. No obvious congenital shunts. No pleural or pericardial effusion seen. No obvious cardiac tumors.

CARDIAC CHART

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	2.5	187	0.36	1.2	0.40	50	85
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	1.17	1.3	1.0		0.87	0.91	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.							

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Overtly normal cardiac structure and function. The LV wall thickness is normal and there is no evidence of elevated left atrial pressure. The right heart is prominent in some views; however, this is not a consistent finding. In the absence of a murmur, a normal variant is most likely. No obvious congenital shunts or defects are visualized; however, it is important to note that small abnormalities are easily missed particularly in juvenile kittens.

Given these findings, no medications are indicated. No obvious structural cause for exercise intolerance is seen. Should the symptom worsen/persist or a murmur be ausculted, referral is recommended.

HOSPITAL NAME

 Acton Veterinary
 Clinic

REFERRING VET

Dr. Waldron

INVOICE

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No cardiac contraindication for general anesthesia.



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Recommend recheck echocardiogram in 1 year to screen for any progressive changes.

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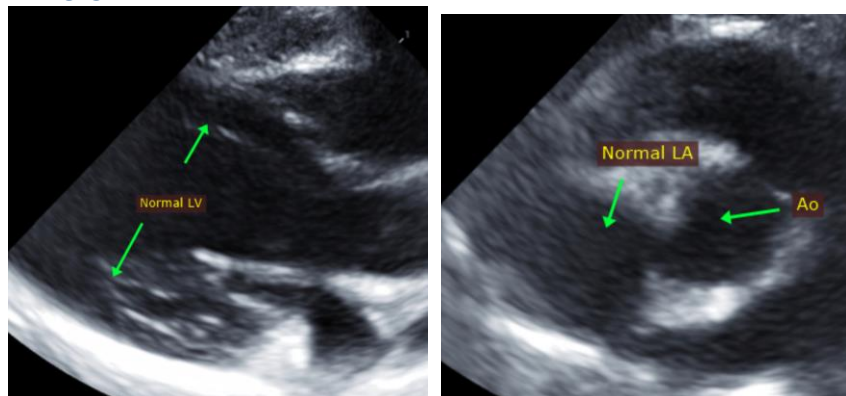
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IMAGES



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.

Maggie Machen Lamy, DVM
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