



PATIENT

Cat 65854a

PRESENTING CLINICAL SIGNS

History: Grade 2-4/6 heart murmur.

SPECIES

Feline

ECHOCARDIOGRAM FINDINGS

2D, m-mode, color flow and doppler imaging is available. The left ventricular wall is normal in dimension. The LV chamber is normal in dimension. The endocardium is mildly remodeled. 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 with trace MR. Blood flow through both the LVOT and RVOT is normal in velocity. No pleural or pericardial effusion seen. No obvious cardiac tumors.

BREED

DSH

SEX

Male Intact

CARDIAC CHART

AGE

8 weeks

WEIGHT

2.5lbs

INTERPRETED BY

Maggie Machen Lamy,
DVM, DACVIM
(Cardiology)

FELINE CARDIAC PARAMETERS	BODY WEIGHT (kg)	HR (BPM)	IVSd (cm) (Moise, Pipers)	LVIDd (cm) (Moise, Pipers)	LWVd (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	1.1	NM	0.33	1.1	0.33	45	88
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	NM	1.1	0.75		1.4	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

A. Nicastro, DVM

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. Additionally, no cause for the murmur is identified in this study (trace MR is unlikely to be heard on exam), making it likely physiologic in origin (i.e., secondary to tachycardia, volume changes, etc.). It is worth mentioning that small abnormalities are easily missed in young cats, and if the murmur persists or progresses referral to a local Cardiologist should be considered.

HOSPITAL NAME

Animal Hospital

REFERRING VET

Dr. Fuller

Given these findings, no medications are indicated.

No cardiac contraindication for general anesthesia.

INVOICE

32503

Recommend recheck echocardiogram at 1 year of age to reassess murmur origin, and screen for development of disease the pre-existing murmur may mask.

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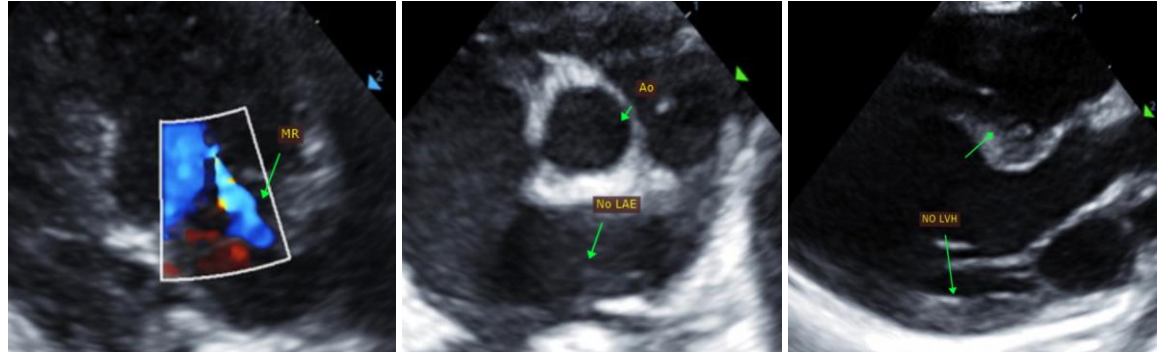
INVOICE

32503

DATE

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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. 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.

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