



PATIENT

Scatpack Jepsom

PRESENTING CLINICAL SIGNS

History: Grade II murmur noted on physical exam today. Live fleas noted on patient. No medications.

SPECIES

Feline

ECHOCARDIOGRAM FINDINGS

2D, m-mode, color flow and doppler imaging is available. The left ventricular wall is largely normal in dimension. The endocardium appears fibrotic and irregular. False tendons. Significant 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. No MR. The tricuspid valve appears normal in structure and mobility. Trace TR. Blood flow through both the LVOT and RVOT is normal. No effusions seen. No tumors noted.

BREED

DSH

SEX

Female Spayed

CARDIAC CHART

AGE

6 months

WEIGHT

6.2lbs

INTERPRETED BY

Maggie Machen Lamy,
DVM DACVIM
(Cardiology)

IMAGING PERFORMED BY

Crystal Hill, RVT

HOSPITAL NAME

Oxford County Vet
Clinic

REFERRING VET

Dr. Halfon

INVOICE

21632

DATE

10/20/21

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	2.7	155	0.41	1.1	0.37	41	77
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	1.6	1.3	0.9		1.0	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.*

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Overtly normal cardiac structure and function. No significant valve leaks are noted, and flow through the great vessels is documented normal in velocity. That being said, the lining of the LV is subjectively more fibrosed than is suspected in a 6-month-old kitten and periodic monitoring is advised. No obvious congenital defects are seen; however, **it is important to note that small defects are easily missed especially in young cats, and if suspicion persists consider referral to local Cardiologist for advanced imaging.**

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

No cardiac contraindication for general anesthesia based upon what is seen here.

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

Assuming the murmur persists or worsens, referral to a local Cardiologist is recommended. If declined, reassess in 6-12 months.



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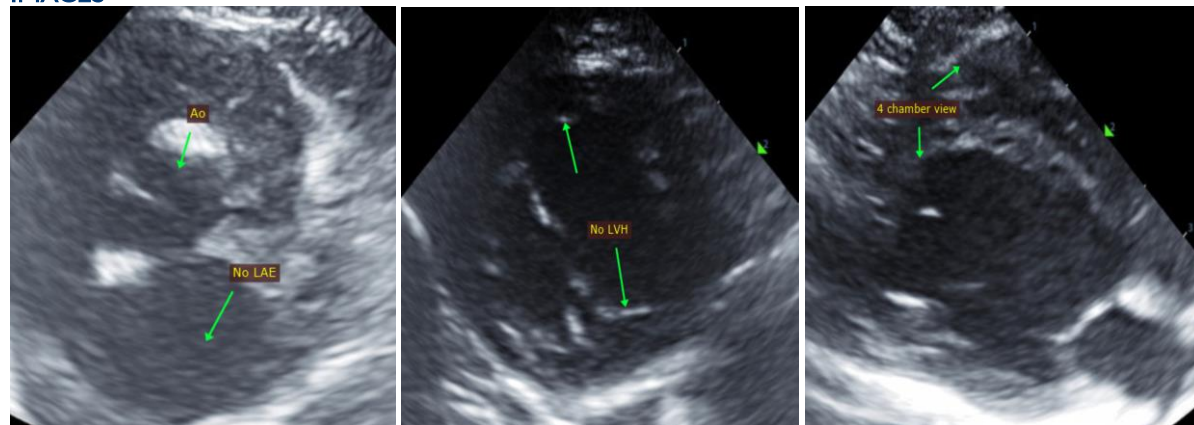
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IMAGES



AGE

6 months

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.

WEIGHT

6.2lbs

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.

INTERPRETED BY

Maggie Machen Lamy,
DVM DACVIM
(Cardiology)

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