



PATIENT

Kimchi Payne

SPECIES

Feline

BREED

Maine Coon

SEX

Female Spayed

AGE

1.2 years

WEIGHT

8.1lbs

INTERPRETED BY

Maggie Machen Lamy,
DVM, DACVIM
(Cardiology)

IMAGING PERFORMED BY

Heidi Folden-Willard,
DVM

HOSPITAL NAME

Western Veterinary
Clinic – ND

REFERRING VET

Dr. Folden-Willard

INVOICE

47621

DATE

4/21/26

PRESENTING CLINICAL SIGNS

History: Grade 2/6 heart murmur. Tachycardic. Asymptomatic.

ECHOCARDIOGRAM FINDINGS

Limited image set included; color flow not assessed. The left ventricular wall is normal in dimension. There is a mildly hyperechoic endocardium consistent with fibrosis. The papillary muscles are mildly remodeled and hyperechoic. The LV appears slightly dilated and spherical. The left atrium is possibly mildly enlarged although not adequately assessed. The right atrium is normal in size. The right ventricle appears normal. The mitral valve is normal in structure and mobility. Blood flow through the LVOT is normal in velocity. On Spectral doppler, a possible VSD is noted. 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	3.7	NM	0.48	1.4	0.43	60	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	NM	NM	NM		1.1	NM	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

Unfortunately the study is non-diagnostic, without multimodal imaging necessary to determine murmur origin. Without adequate doppler and color flow assessment, a congenital evaluation cannot be performed. That said, there is some concern for a VSD on spectral doppler (see below), which may be supported by a spherical LV. The LV wall thickness is normal ruling out hypertrophic disease. Consider referral for further evaluation in any congenital case.

Given these findings, no medications are indicated prior to further evaluation.



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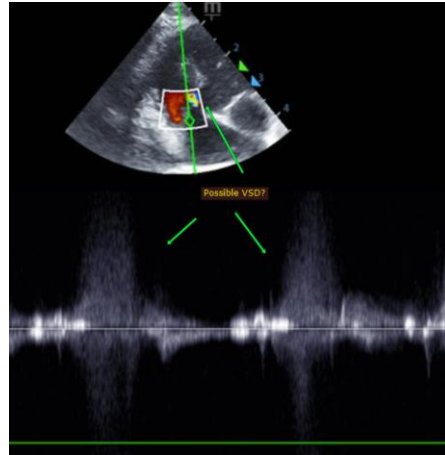
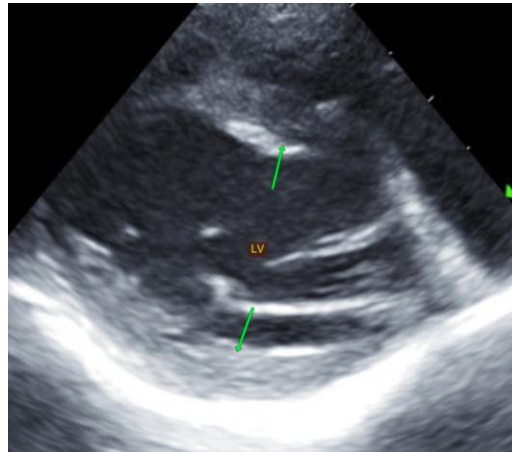
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IMAGES



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. 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.

Maggie Machen Lamy, DVM

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