



**PATIENT**

Ertha Kitty Wilson

**SPECIES**

Feline

**BREED**

DMH

**SEX**

Female Spayed

**AGE**

4.8 years

**WEIGHT**

8.4lbs

**INTERPRETED BY**

Maggie Machen Lamy,  
DVM, DACVIM  
(Cardiology)

**IMAGING PERFORMED BY**

Stephanie Cory, DVM

**HOSPITAL NAME**

Brighton Veterinary  
Clinic P. C. Inc.

**REFERRING VET**

Dr. Cory

**INVOICE**

47827

**DATE**

5/12/26

**PRESENTING CLINICAL SIGNS**

History: Recheck echo. Grade 5/6 systolic heart murmur, PMI R-sided. No clinical signs at home.  
-Pertinent previous echo findings (3/2024): VSD - perimembranous, restrictive, small to moderate-sized, left-to-right shunting, normal left heart size/function.

**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 diastole. A small restrictive VSD is suspected just below the aortic valve on color flow imaging (cannot be confirmed on Spectral or 2D). The left atrium is normal in size. Normal aortic root. The right atrium is normal in size. The right ventricle appears normal. The MPA is normal. The mitral valve is normal in structure and mobility. No MR or SAM are visualized. No significant TR, AI or PI. Blood flow through the RVOT and LVOT are normal in velocity. There is no pleural or pericardial effusion seen. No 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	3.8	NM	0.45	1.1	0.43	45	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	1.1	1.2		0.9	1.0	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**

As was previously diagnosed, a restrictive perimembranous ventricular septal defect (VSD) persists without LA or LV dilation. The velocity is not accurately assessed; however, the shunt does appear left to right. No additional issues are identified.

Small shunts in cats are often of minimal lifelong clinical significance; however, lifelong monitoring is advised. No cardiac medications are indicated at this time.

No cardiac contraindication for general anesthesia.

Monitor at home for any associated clinical signs, including respiratory changes or signs of a thrombus.



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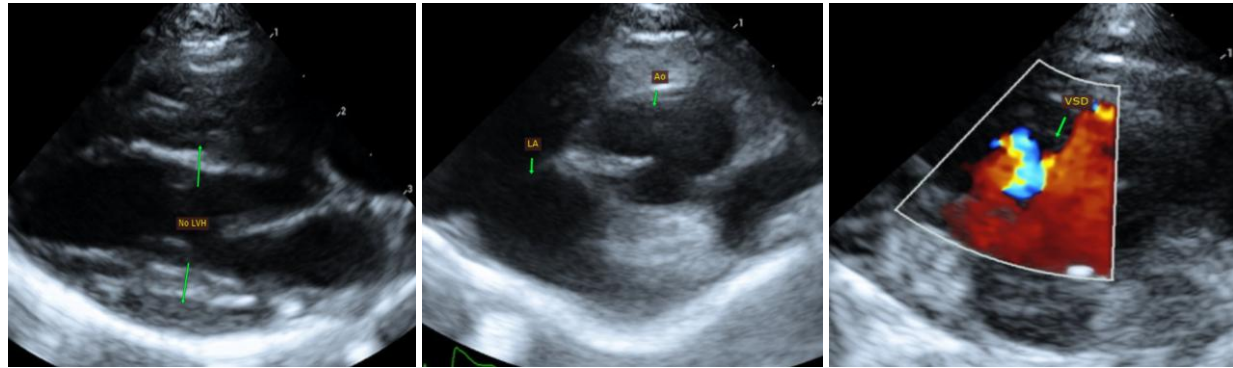
47827

## DATE

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Recommend recheck echocardiogram annually to screen for any progressive dilation.

## 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**

**Diplomate of the American College of Veterinary Internal Medicine (Cardiology)**

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