



PATIENT

Maya Lovegreen

SPECIES

Feline

BREED

DSH

SEX

Intact Female

AGE

6 Months

WEIGHT

6.72

INTERPRETED BY

Sara Brethel DVM,
DACVIM (Cardiology)

IMAGING PERFORMED BY

Dr. Andrea Nason

HOSPITAL NAME

Caravan VS

REFERRING VET

Dr. Andrea Nason

INVOICE

35027

DATE

12/22/25

PRESENTING CLINICAL SIGNS

History: Littermate has a grade 1-2 parasternal heart murmur. due to concern for underlying heart condition and genetic relationship, cardiac work up to assess for underlying heart disease and safety for anesthesia for spay procedure.

Abnormal PE/Chem/CBC/UA Results: CBC, Chem, UA, proBNP normal for age Blood pressure 120 systolic.

ULTRASONOGRAPHIC EXAMINATION OF THE HEART

FELINE CARDIAC PARAMETERS	BODY WEIGHT (kg)	HR (BPM)	IVSd (cm)	LVIDd (cm)	LVWd (cm)	FS (%)	EF (%)
NORMAL PARAMETER	-----	150-240	0.3-0.6	1.0-2.1	0.25-0.6	35-67	80-100
PATIENT	3.05	NM	0.44	1.3	0.39	47.69	--
FELINE CARDIAC PARAMETERS	LA/AO (M-mode)	LA/AO HEART BASE (Sisson)	LAD LA MAX 4 Chamber		LVOT VEL. (m/s)	RVOT VEL. (m/s)	IVRT (m/)
NORMAL PARAMETER	<1.5	1.6	0.7-1.7		<1.6	<1.3	40-60
PATIENT	--	1.25	--		NM	0.6	NM

Adapted from June Boon, Veterinary Echocardiography, 1998
Sisson D et al. JVIM 1991; 5: 232, Jacobs et al. Am J Vet Res 1985; 46:1705

LVIDs: 1.68

Chest Radiographic Interpretation

The cardiac silhouette is normal. The pulmonary vasculature is normal. There is no evidence of cardiogenic pulmonary edema.

ECG Interpretation

The complexes are small; however, the rhythm appears sinus.

Cardiac Presentation

The mitral valve leaflets are normal and there is no mitral regurgitation. The left atrial size is normal. There is no evidence of systolic anterior motion of the mitral valve and no evidence of a left ventricular outflow tract obstruction. Left ventricular systolic and diastolic function is within normal limits. There is no evidence of left ventricular concentric hypertrophy. There is normal right atrial size without evidence of tricuspid regurgitation. There is no prolapse of the tricuspid valve leaflets and no evidence of pulmonary hypertension on the images provided. The right ventricle appears normal in



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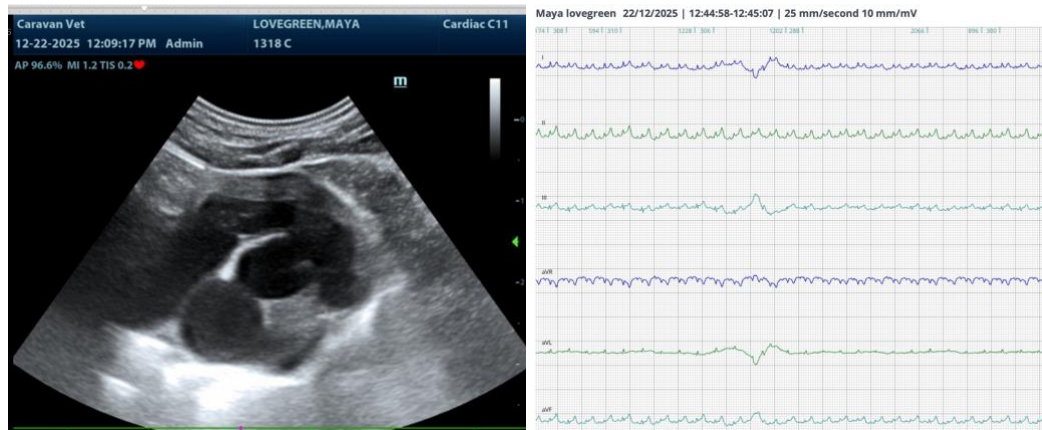
structure and function subjectively. The aortic and pulmonic valves have normal morphology and the corresponding outflow velocities are within normal limits. There is no evidence of pulmonic or aortic insufficiency. The aorta appears normal. The pulmonary artery and associated branches appear normal. There is no evidence of pleural effusion, pericardial effusion, or intracardiac masses.

ULTRASONOGRAPHIC FINDINGS

- Structurally normal heart

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The heart is structurally normal. No congenital defects are identified based upon the images provided. A recheck echocardiogram is not needed, unless the patient develops a heart murmur, an arrhythmia, or an elevated proBNP later in life.



The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. 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.

Sara Brethel DVM, DACVIM (Cardiology)

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