



**PATIENT PRESENTING CLINICAL SIGNS**

Lisa Oroujev Recheck echo Meds- pimo 1.25mg bid.

**SPECIES ULTRASONOGRAPHIC EXAMINATION OF THE HEART**

Canine

**BREED**

Maltese

**SEX**

Spayed Female

**AGE**

16 Years 3 Months

**WEIGHT**

8.2 pounds

CANINE CARDIAC PARAMETERS	MR VMAX (m/s)	TR VMAX (m/s)	LA/AO (M-Mode)	LA/AO (Heart Base; Swe)	FS (%)	EF (%)	EPSS (cm)
NORMAL PARAMETER	4.5-5.5	<2.7	1.3	Up to 1.6	28-40	40-100	<0.6
PATIENT	4.5	--	1.75	2.3	36.6	68.26	0.11
CANINE CARDIAC PARAMETERS	HR (BPM)	AV VMAX (m/s)	PV MAX (m/s)	BODY WEIGHT (kg)	LAD LA MAX 4 Chamber	LVIDd Avg; 2D and m-mode short axis (cm)	LVIDs Avg; 2D and m-mode short axis (cm)
NORMAL PARAMETER	50-100	0.7-1.7	0.7-1.6				
PATIENT	161	1.2	0.75	3.7	3.25	2.8	1.78

**INTERPRETED BY**

Camden Rouben, DVM, DACVIM (Cardiology)

**IMAGING PERFORMED BY**

Kerri Becker

**HOSPITAL NAME**

Englewood VC

**REFERRING VET**

Dr. Ezik

**INVOICE**

12143

**DATE**

11/07/25

**Cardiac Presentation**

The mitral valve leaflets are significantly thickened with moderate mitral regurgitation and multiple regurgitation jets. There is mild prolapse of the mitral valve leaflets. The left atrial size is increased. The left ventricular internal dimensions during diastole are volume distended in the face of mitral regurgitation. There is normal right atrial size without significant evidence of tricuspid regurgitation. No evidence of prolapse of the tricuspid valve leaflets. No evidence of pulmonary hypertension. The right ventricle appears normal in structure and function. The aortic and pulmonic valves have normal morphology. The aorta appears normal. The pulmonary artery subjective appears normal. No evidence of pleural effusion, pericardial effusion, B lines, or intracardiac masses.

**ULTRASONOGRAPHIC FINDINGS**

- This patient has evidence of static degenerative valve disease affecting the mitral valve, ACVIM stage B2.

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Compared to the images performed in May of 2025, there is little to no change. Patient should continue Pimobendan at the current dose prescribed as this will be a lifelong therapy.

Recommend a recheck echocardiogram in 6 months to monitor the condition. Sooner recheck is recommended if the patient develops cardiovascular clinical signs. Client should continue monitoring resting respiratory rate at home. Resting respiratory rate should never be over 35-40 breaths per minute. If the breathing rates are increasing, then thoracic radiographs are recommended. This



**PATIENT**

patient's blood pressure should also be assessed.

Lisa Oroujev

Judicious perioperative fluid rates are recommended due to increased left atrial size. Medications such as alpha 2 agonists and Ketamine are best avoided.

**SPECIES**

Canine

Activity restriction is not recommended in this patient. Anticholinergics can be used in the face of clinically significant bradyarrhythmia.

**BREED**

Maltese

**SEX**

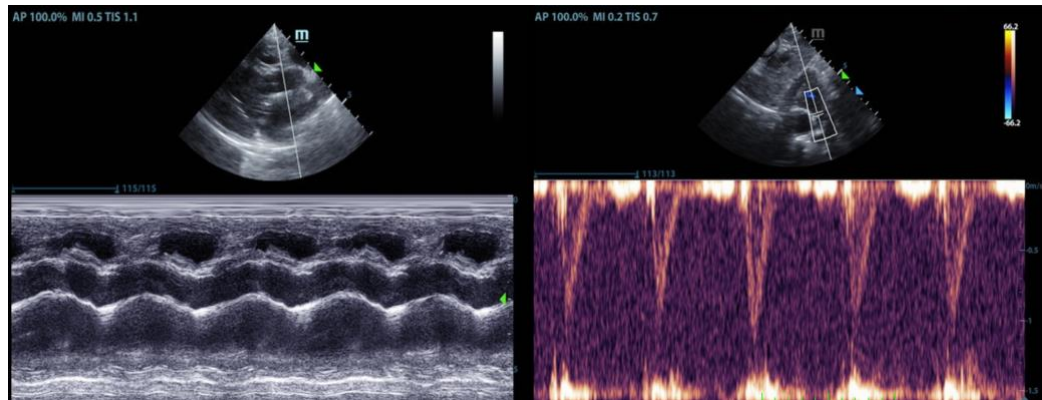
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**AGE**

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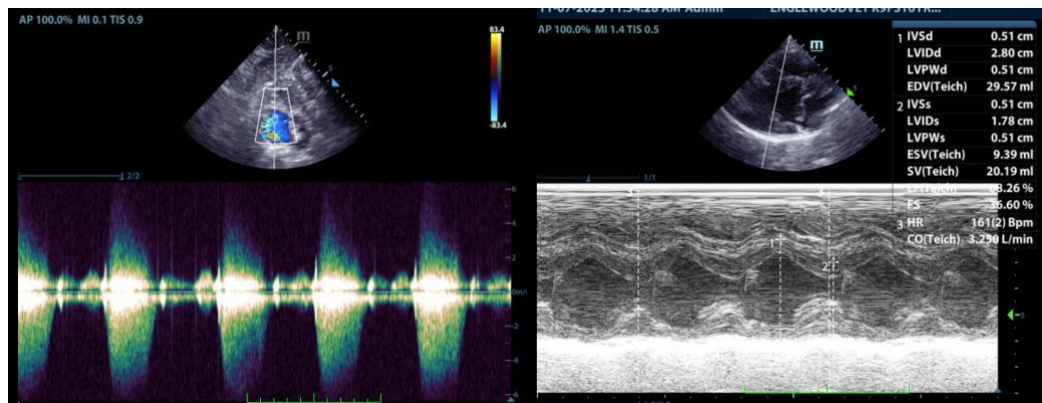
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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12143

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.

**DATE**

11/07/25

Camden Rouben, DVM, DACVIM (Cardiology)

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