



**PATIENT**

Gunther Mei

**SPECIES**

Feline

**BREED**

DMH

**SEX**

Neutered Male

**AGE**

5 Years 8 Months

**WEIGHT**

15.6 Pounds

**INTERPRETED BY**

Sara Brethel DVM,  
 DACVIM (Cardiology)

**IMAGING PERFORMED BY**

Kathleen Byrnes

**HOSPITAL NAME**

AH of Lewisville

**REFERRING VET**

Dr. Journell

**INVOICE**

35960

**DATE**

2/24/26

**PRESENTING CLINICAL SIGNS**

History: P presented for echo. P has had previous echo- severe LA, hypertrophy, on Clopidogrel 75mg 1/4 PO SID

**ULTRASONOGRAPHIC EXAMINATION OF THE HEART**

FELINE CARDIAC PARAMETERS	BODY WEIGHT (kg)	HR (BPM)	IVSd (cm)	LVIDd (cm)	LVWd (cm)	FS (%)	EF (%)
<b>NORMAL PARAMETER</b>	-----	150-240	0.3-0.6	1.0-2.1	0.25-0.6	35-67	80-100
<b>PATIENT</b>	7.1	159	0.62	1.1	0.72	--	--
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/)
<b>NORMAL PARAMETER</b>	<1.5	1.6	0.7-1.7		<1.6	<1.3	40-60
<b>PATIENT</b>	2.25	2.13	2.51		1.25	0.67	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							

MR VMAX: 2.1

**Cardiac Presentation**

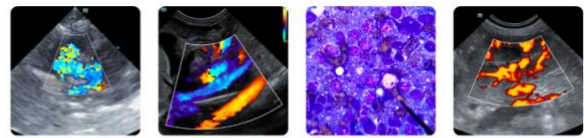
The left atrium is severely enlarged. The mitral valve leaflets are normal and there is trivial mitral regurgitation. There is no evidence of systolic anterior motion of the mitral valve and no evidence of a left ventricular outflow tract obstruction. There is concentric hypertrophy of the left ventricle. The right atrium is normal. The tricuspid valve is normal without evidence of tricuspid regurgitation. The right ventricle appears to have preserved systolic function subjectively. The aortic and pulmonic valves are normal without evidence of insufficiency. Aortic and pulmonic outflow velocities are within normal limits. The aorta and PA are normal along with the associated PA branches. There is no evidence of pleural effusion, pericardial effusion, or intracardiac masses.

**ULTRASONOGRAPHIC FINDINGS**

- Severe left atrial enlargement
- Trivial mitral regurgitation
- Concentric hypertrophy of the left ventricle

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

I recommend continued clopidogrel therapy. The client should start monitoring respiratory rate and effort at home if not already doing so. The resting respiratory rate should be < 35-40 breathes/minute



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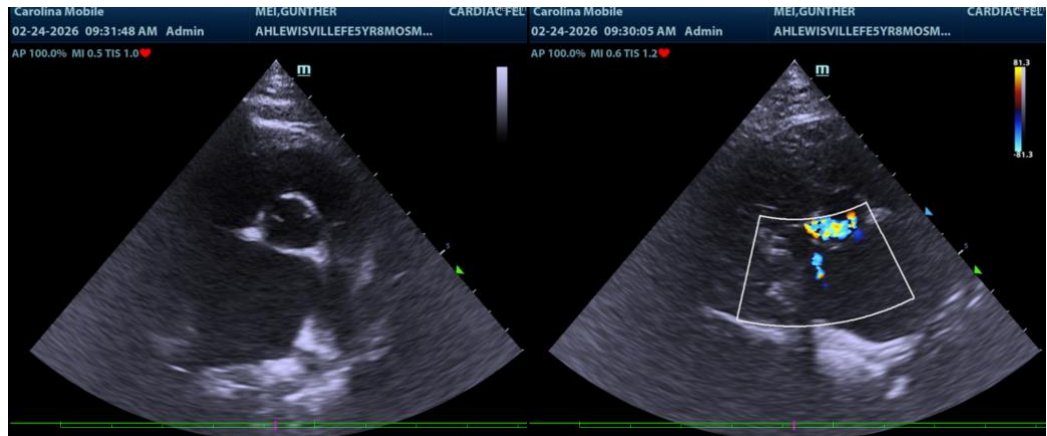
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when the patient is resting or sleeping. If the breathing rates are increasing, then chest radiographs are recommended. No additional medications are recommended at this time. This patient is at a high risk for complications such as arrhythmias, some of which can be fatal, congestive heart failure, and a saddle thrombus. Continued close monitoring is recommended. Another echo is recommended in 6 months, along with blood pressure, sooner if the patient is decompensating or developing other cardiovascular clinical signs.



**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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