



**DATE PRESENTING CLINICAL SIGNS**

12.16.25 History: Grade 3/6 heart murmur. Kidney disease.  
-Pertinent abnormal PE/Chem/CBC/UA Results: BUN 53.  
-Current medications: Azodyl.

**PATIENT**  
-Sedation used: Not required to complete full diagnostic ultrasound.  
-Pertinent previous ultrasound results: No previous.

Dexter Vible  
-STAT: Not requested.  
-Imaging performed by: Stephanie Warga RDCS, RVT.

**SPECIES ECHOCARDIOGRAM FINDINGS**

Ferret 2D, m-mode, color flow and doppler imaging is available. Mild diffuse thickening of mitral valve leaflets with no obvious prolapse into the left atrial lumen. Moderate mitral regurgitation with mild left atrial dilation. Mild LV dilation with mildly depressed myocardial function. The LV has a spherical appearance. No LV hypertrophy. The tricuspid valve appears normal with no tricuspid regurgitation. Normal right atrial and ventricular diameter and morphology indicating no overt evidence of pulmonary arterial hypertension. The pulmonic valve is normal in morphology and mobility. The aortic valve appears normal with moderate aortic insufficiency. Normal pulmonic and aortic outflow velocities with laminar flow. No obvious pulmonic insufficiency. No pericardial or pleural effusion noted. No obvious cardiac

MN

**AGE**

5.18.18

**WEIGHT**

1288grams

**INTERPRETED BY**

Maggie Machen Lamy,  
DVM, DACVIM  
(Cardiology)

**HOSPITAL NAME**

Chadwell AH

**REFERRING VET**

Dr. Gold

**INVOICE**

46211

**CARDIAC CHART**

CARDIAC PARAMETERS	BODY WEIGHT (grams)	HR (BPM)	IVSd (cm) <small>(Moise, Pipers)</small>	LVIDd (cm) <small>(Moise, Pipers)</small>	LVWd (cm) <small>(Moise, Pipers)</small>	FS (%)	EF (%)
NORMAL PARAMETER	-----	150-240	3.5-0.55	<2 (mean 1.5)	3.5-0.55	35-67	80-100
PATIENT	1288		0.37	1.5	0.31	28	58
FELINE CARDIAC PARAMETERS	LA/AO <small>(Boon)</small>	LA/AO HEART BASE (Swe) <small>(Abbott)</small>	LA 2D short axis Base view (cm) <small>(Abbott)</small>		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	1.6	1.0		1.4	1.0	NM

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**

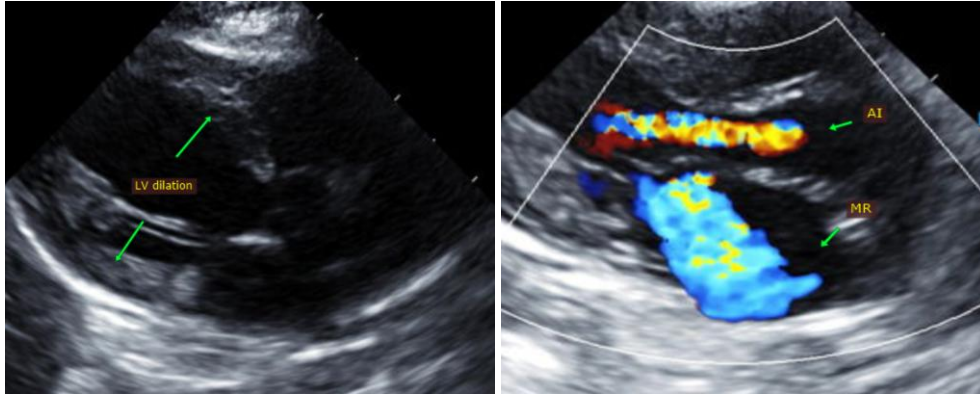
The cause of the murmur is moderate MR. This likely reflects early valve disease in this breed with mild LA enlargement present. The LV is also mildly dilated with mild dysfunction, which may suggest a myocardial issues as well. Finally, moderate AI is noted, and a BP should be obtained, particularly in light of renal disease. No additional issues are seen.

Even with abnormalities seen here, no treatment is clearly necessary at this time. Prognosis is guarded long-term prior to assessing for progression.

Monitor for development of labored breathing, exercise intolerance or collapse episodes.

Recommend conservative monitoring with a recheck echocardiogram in 6-12 months, sooner if any development of clinical signs.

#### 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.

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