

**PATIENT**

Bread Calhoun

**SPECIES**

Canine

**BREED**

Chihuahua

**SEX**

Spayed Female

**AGE**

9 Years

**WEIGHT**

9.4 pounds

**PRESENTING CLINICAL SIGNS**

Echo- CHF- Grade 4/6 HM. No current meds

**ULTRASONOGRAPHIC EXAMINATION OF THE HEART**

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	NM	1.62	2.21	39	--	NM
CANINE CARDIAC PARAMETERS	HR (BPM)	AV VMAX (m/s)	PV MAX (m/s)	BODY WEIGHT (lbs)	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	NM	1.25	0.75	9.4	32.0 mm	31.0 mm	19.0 mm

**INTERPRETED BY**

Laurent Locquet, DVM,  
 MRCVS, GPCert, (VC)  
 Diplomate, ECVIM-CA  
 (Cardiology)

**IMAGING PERFORMED BY**

Meghan Morse LVT,  
 CVT

**HOSPITAL NAME**

Banister Animal  
 Hospital

**REFERRING VET**

Dr. Banister

**INVOICE**

15398

**DATE**

04/23/26

**Cardiac Presentation**

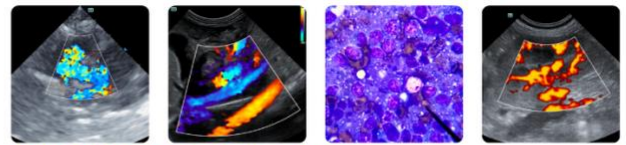
The left atrium was normal in all 3 views. The mitral valve shows myxomatous changes compatible with myxomatous mitral valve disease and moderate mitral valve regurgitation and secondary remodeling. The left ventricle was normal. The myocardium was normal. Contractility was normal. Left ventricular outflow tract was normal. The right atrium was normal. No evidence of masses. The tricuspid valve revealed insufficiency. The right ventricle was normal. The pulmonic tract was normal. No visible pericardial effusion or pleural effusion. The cranial mediastinum and pericardial regions were free of masses in the visible windows.

**ULTRASONOGRAPHIC FINDINGS**

- Based on the history, there is congestive heart failure.

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Therapy that should be administered is diuretics at 2.0 mg/kg twice daily orally of Furosemide. Pimobendan at 0.25 mg/kg twice a daily orally as well. Recheck in two weeks of the kidney values. Keep an eye on the sleeping respiratory rate as it should be less than 30 breaths per minute with recheck echo in three months.



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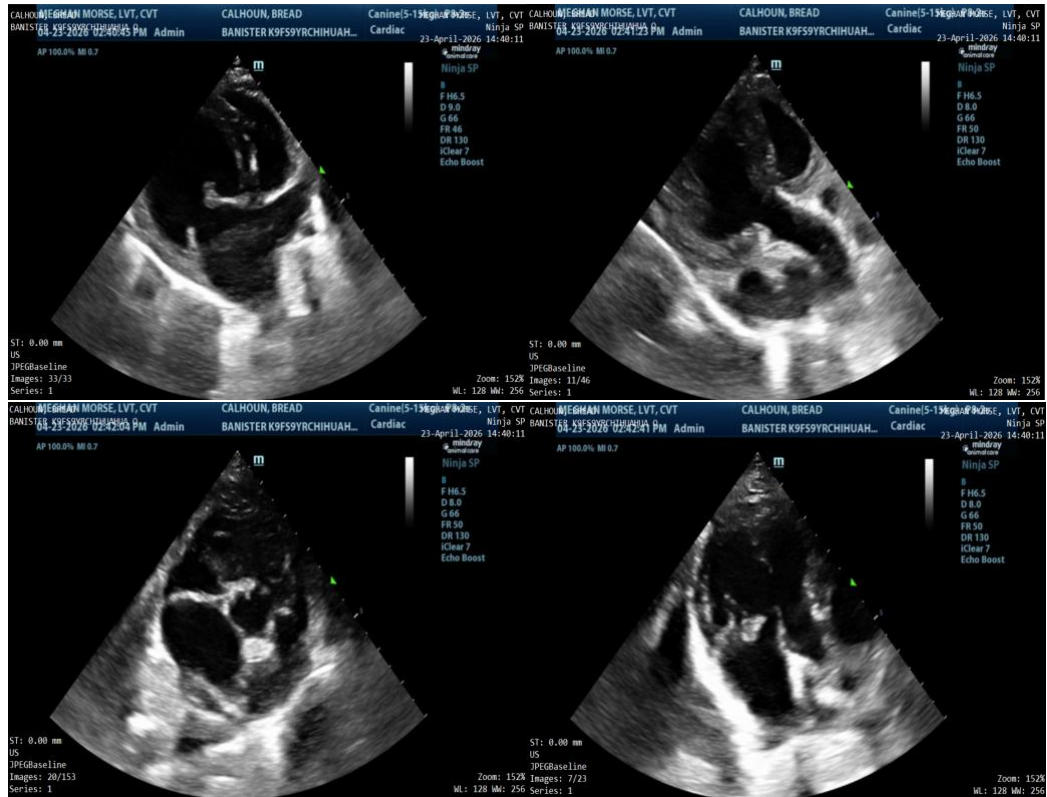
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

Laurent Locquet, DVM, MRCVS, GPCert, (VC) Diplomate, ECVIM-CA (Cardiology)

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