



**PATIENT**

Mercury Abbott

**SPECIES**

Canine

**BREED**

Podenco

**SEX**

Neutered Male

**AGE**

9 Years 11 Months

**WEIGHT**

27 pounds

**INTERPRETED BY**

Eric Lindquist, DMV,  
DABVP(CFM), Cert.  
IVUSS

**IMAGING PERFORMED BY**

Vincent Ravancho CVT

**HOSPITAL NAME**

Long Valley Animal  
Hospital

**REFERRING VET**

Dr. Russell Earl

**INVOICE**

13954

**DATE**

02/24/26

**PRESENTING CLINICAL SIGNS**

- Cardiac Murmur II/VI
- Pre Anesthesia screening
- Previous SonoPath Echo 9/24 - Stage B1 Valvular Disease
- No Clinical signs
- Medications: Apoquel

Abnormal PE/Chem/CBC/UA Results: CBC/Chem/T4 - WNL 4Dx - Neg x 4

**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	5.72	3.0	1.0	1.4	38	70	0.1
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	60	1.10	0.50	27.0	3.3	2.56	--

**Cardiac Presentation**

This patient presented with normal left atrial, left ventricular, right atrial and right ventricular volumes with persistent mitral and tricuspid insufficiency. No evidence of volume overload. Contractility was adequate. No pericardial or pleural effusion was observed. Moderate filling of the left atrium was noted on color flow consistent with moderate mitral insufficiency. Hepatic veins were not dilated.

**ULTRASONOGRAPHIC FINDINGS**

- Moderate filling of the left atrium.
- Mitral and tricuspid insufficiency.
- Persistent stage B1 valvular disease.

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The heart is stable without clinical disease. No overt contraindication for anesthesia of brief to moderate duration. I suggest Torbutrol premed, Propofol induction, Isoflurane maintenance or similar protocol if anesthesia is desired. Blood pressure, EKG and chest radiographs are recommended if not



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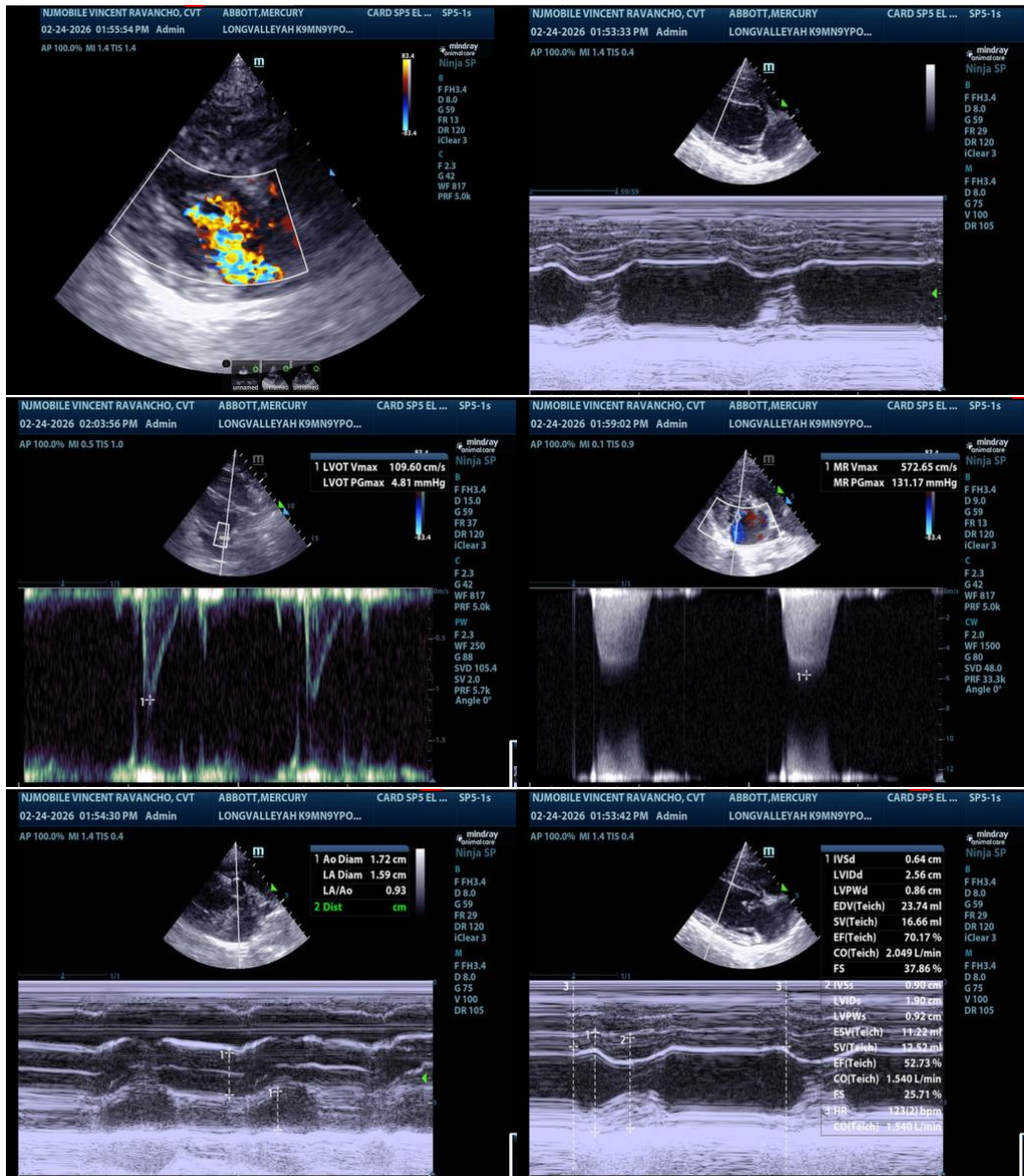
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already performed. Target white coat negative systolic pressure of < 160 mmHg. If higher than this ACE-inhibitor is suggested to reach this level. Recheck echocardiogram is recommended in 6-12 months, earlier if murmur grade increases or clinical signs initiate. No overt contraindication for anesthetic procedures.





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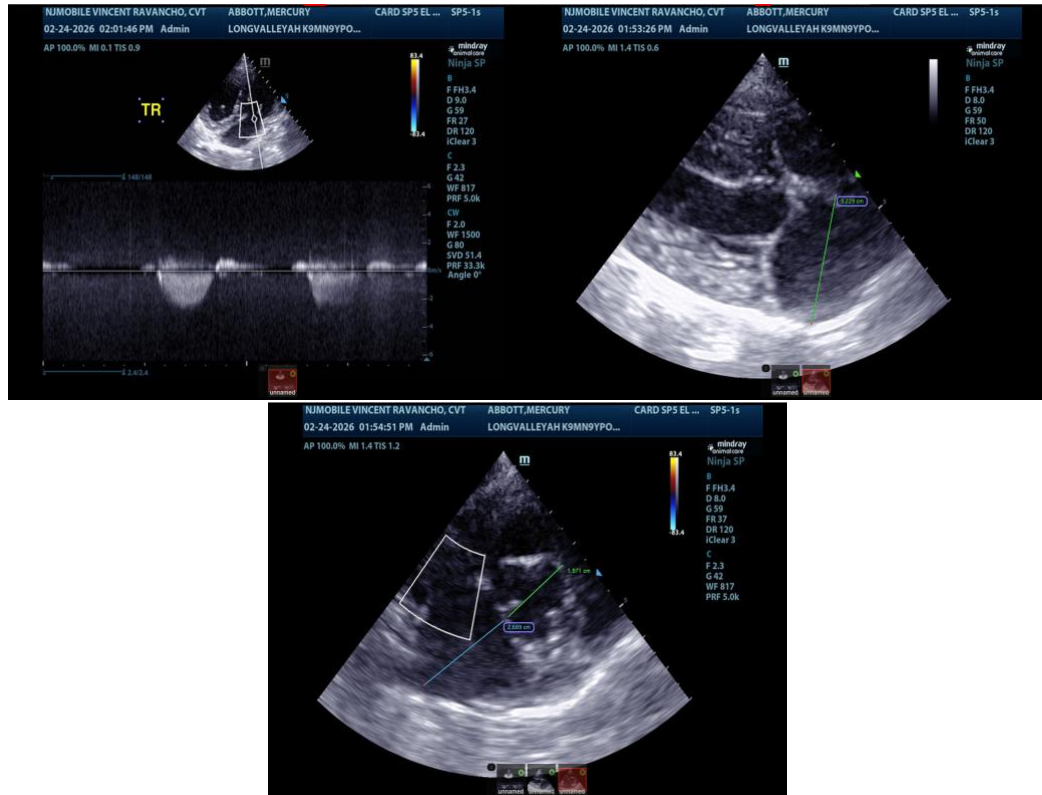
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

**Eric Lindquist, DMV, DABVP(CFM), Cert. IVUSS,**

CEO, Owner, Founder -- SonoPath.com

[info@SonoPath.com](mailto:info@SonoPath.com)