



PATIENT

Tata Reyes

SPECIES

Canine

BREED

Shih Tzu Mix

SEX

Spayed Female

AGE

15 Years 5 Months

WEIGHT

10.2 Pounds

INTERPRETED BY

James Wood, DVM,
 DACVIM (Cardiology)

IMAGING PERFORMED BY

Vincent Ravancho, CVT

HOSPITAL NAME

Englewood VC

REFERRING VET

Dr. Ezik

INVOICE

37278

DATE

5/29/26

PRESENTING CLINICAL SIGNS

History: Follow-up Echo Invoice #36865. Grade IV/VI Heart murmur with tall P waves on ECG and left atrial enlargement on thoracic radiographs. Hx of single first-time seizure episode this week of unknown etiology.

Abnormal PE/Chem/CBC/UA Results: Abnormal CBC/Chem findings, Abnormal U/A findings. USG.

ULTRASONOGRAPHIC EXAMINATION OF THE HEART

CANINE CARDIAC PARAMETERS	LA long axis	LAmxN	Ao long axis	LA/AO (Heart Base; Swe, short axis)	LA/AO long axis	LVIDd	LVIDdN
NORMAL PARAMETER		<1.57		<1.6	<2.5		<1.7
PATIENT	2.66	1.66	0.93	1.72	2.86	2.38	1.47
CARDIAC PARAMETERS	Body Weight (kg)	AV VMAX (m/s)	PV MAX (m/s)	MR VMAX (m/s)	TR VMAX (m/s)	FS (%)	LVIDsN
NORMAL PARAMETER		0.7-1.7	0.7-1.6			22 - 49%	<0.9
PATIENT	4.64	1.06	0.65	5.1	2.5	53.8	0.6
CARDIAC PARAMETERS	HR (bpm)	MV E (m/s)	MV A (m/s)	MV E/A (m/s)	EF (%)	IVSdN	LVFWdN
NORMAL PARAMETER						<0.6	<0.6
PATIENT	139	--	--	--	86.5	0.41	0.41

Cardiac Presentation

The mitral valve leaflets are moderately thickened with mild eccentric mitral valve insufficiency. There is moderate anterior leaflet prolapse. The left atrium is mildly dilated. Left ventricular internal dimensions during diastole are within normal limits and the global left ventricular systolic function is normal. There is normal right atrial size with mild tricuspid regurgitation. There is no prolapse of the tricuspid valve leaflets and no evidence of pulmonary hypertension based upon tricuspid regurgitant velocities. The right ventricle subjectively appears normal in structure and function. The aortic and pulmonary valves have normal appearance and motion, and the corresponding outflow velocities are within normal limits. There is no evidence of pulmonary or aortic valve insufficiency. The aorta appears



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normal. The pulmonary artery and associated branches appear normal. There is no evidence of pleural effusion, pericardial effusion, or intracardiac masses.

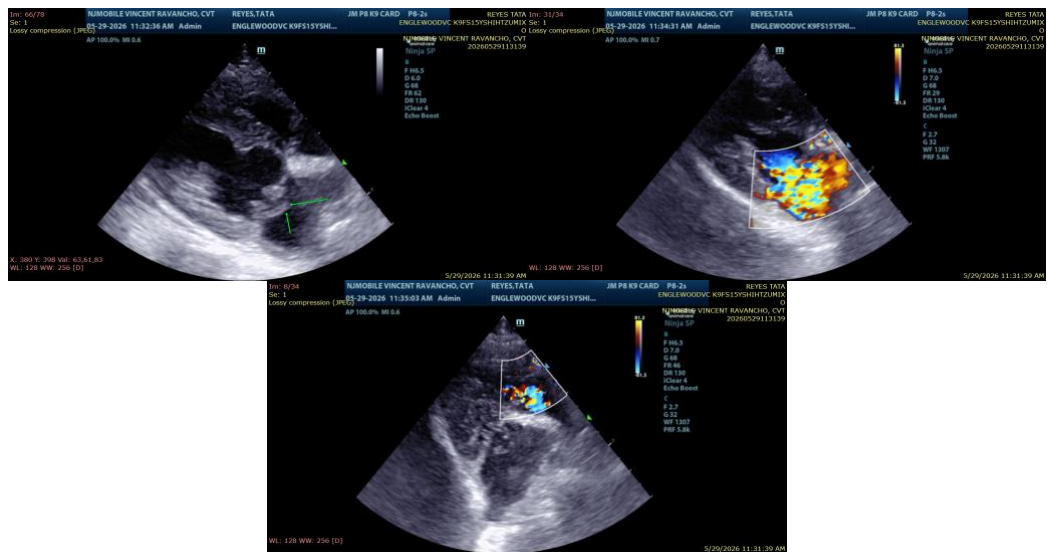
ULTRASONOGRAPHIC FINDINGS

- Myxomatous mitral valve disease, ACVIM stage B1 (mild left atrial enlargement, normal LV dimension)
- Mild tricuspid insufficiency

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Today's echocardiogram shows mild progression of the mitral valve disease with now mild left atrial enlargement. The left ventricular chamber size remains within normal limits, and so therapy with Pimobendan is not recommended at this time. Recheck every 9-12 months with an echocardiogram unless concerns arise sooner.

A cause of the paroxysmal episode was not identified on this study. If a syncopal event is suspected rather than seizures, consider a Holter monitor to rule out intermittent arrhythmias.



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.

James Wood, DVM, DACVIM (Cardiology)

info@SonoPath.com



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