



PATIENT

Matilda Jenny

SPECIES

Canine

BREED

Mix

SEX

Spayed Female

AGE

8 Years 10 Months

WEIGHT

11 Pounds

INTERPRETED BY

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

IMAGING PERFORMED BY

Kerri Becker

HOSPITAL NAME

Marsh AH

REFERRING VET

Dr. Armani

INVOICE

35118

DATE

12/29/25

PRESENTING CLINICAL SIGNS

History: HX of murmur grade3-4, no coughing. BPM153/117 136/88 HX bladder stones, recheck liver nodules.

Abnormal PE/Chem/CBC/UA Results: USG-1.035

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	5.4	2.89	1.42	1.40	30	58	0.13
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	--	0.98	1.11	11 lbs	2.44	3.03	2.13

Cardiac Presentation

The mitral valve leaflets are mildly thickened with moderate to severe mitral regurgitation posteriorly directed. There is no prolapse of the mitral valve leaflet. The left atrial size is normal. Left ventricular internal dimensions during diastole are within normal limits and systolic function is preserved in the face of mitral regurgitation. 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 pulmonic valves have normal morphology and the corresponding outflow velocities are within normal limits. There is no evidence of pulmonic or aortic insufficiency. The aorta appears 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, stage B-1
- Moderate to severe mitral valve regurgitation
- Concomitant mild tricuspid valve regurgitation



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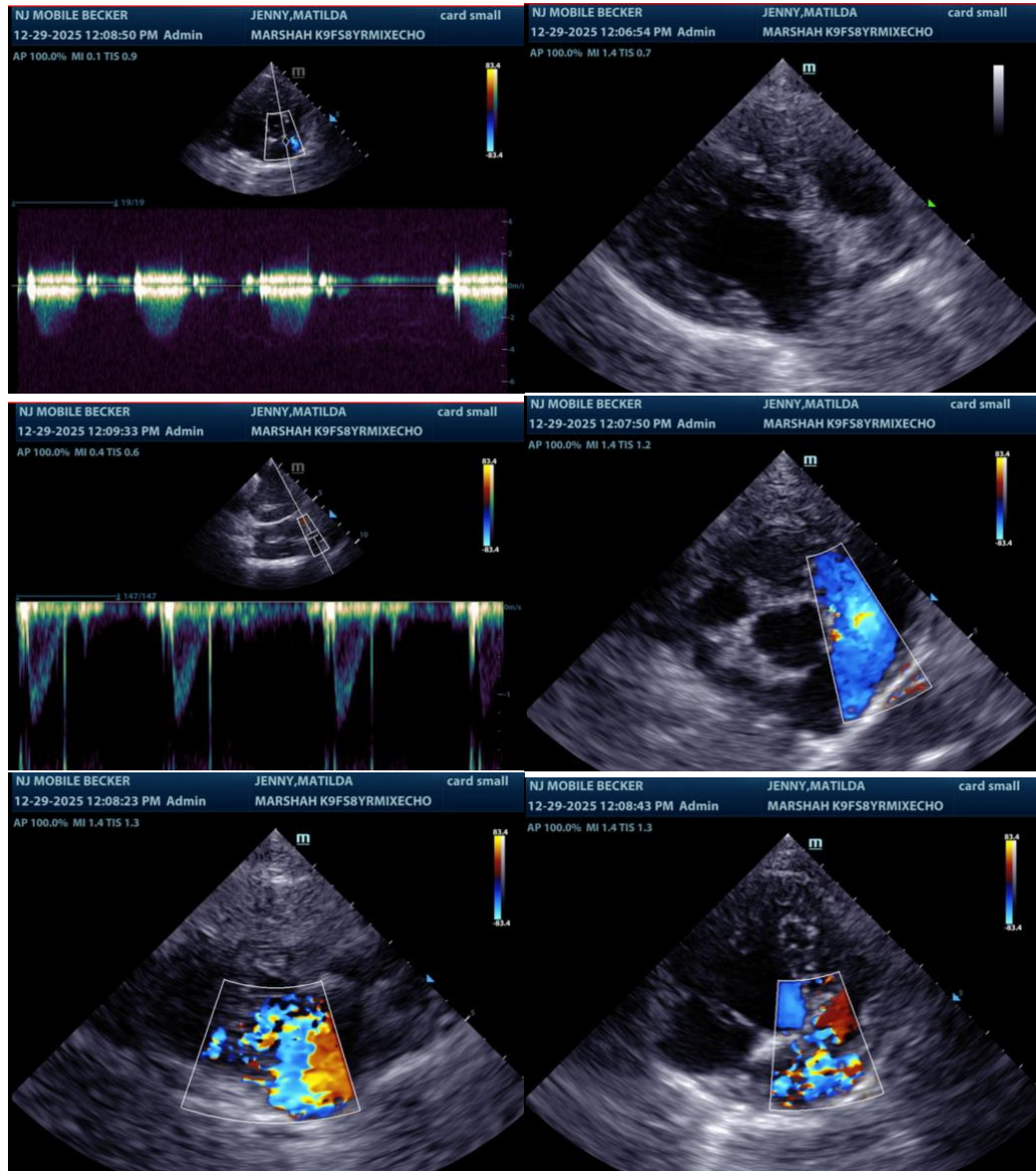
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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

This is stable compared to the prior echocardiogram. Recheck is recommended in one year.



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.



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