



PATIENT

Mylo Medina

SPECIES

Canine

BREED

Yorkshire Terrier

SEX

Neutered Male

AGE

13 Years 8 Months

WEIGHT

10.8 Pounds

INTERPRETED BY

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

IMAGING PERFORMED BY

Rebecca Hamilton

HOSPITAL NAME

Farview AC

REFERRING VET

Dr. Mosaad

INVOICE

35037

DATE

12/22/25

PRESENTING CLINICAL SIGNS

History: Coughing, tires quickly. Grade 5 heart murmur, ride side of heart enlarged. no current meds
Abnormal PE/Chem/CBC/UA Results: No labwork done.

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	5.86	2.95	NM	1.01	58	89	0.16
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	--	1.16	0.74	10.8 lbs	2.49	2.16	0.91

Thoracic Radiographic Interpretation

There is cardiomegaly.

Cardiac Presentation

The mitral valve leaflets are mildly thickened with 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 moderate 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

- Cardiomegaly based on thoracic radiographs
- Myxomatous mitral valve disease, stage B-1 with concomitant moderate tricuspid valve regurgitation



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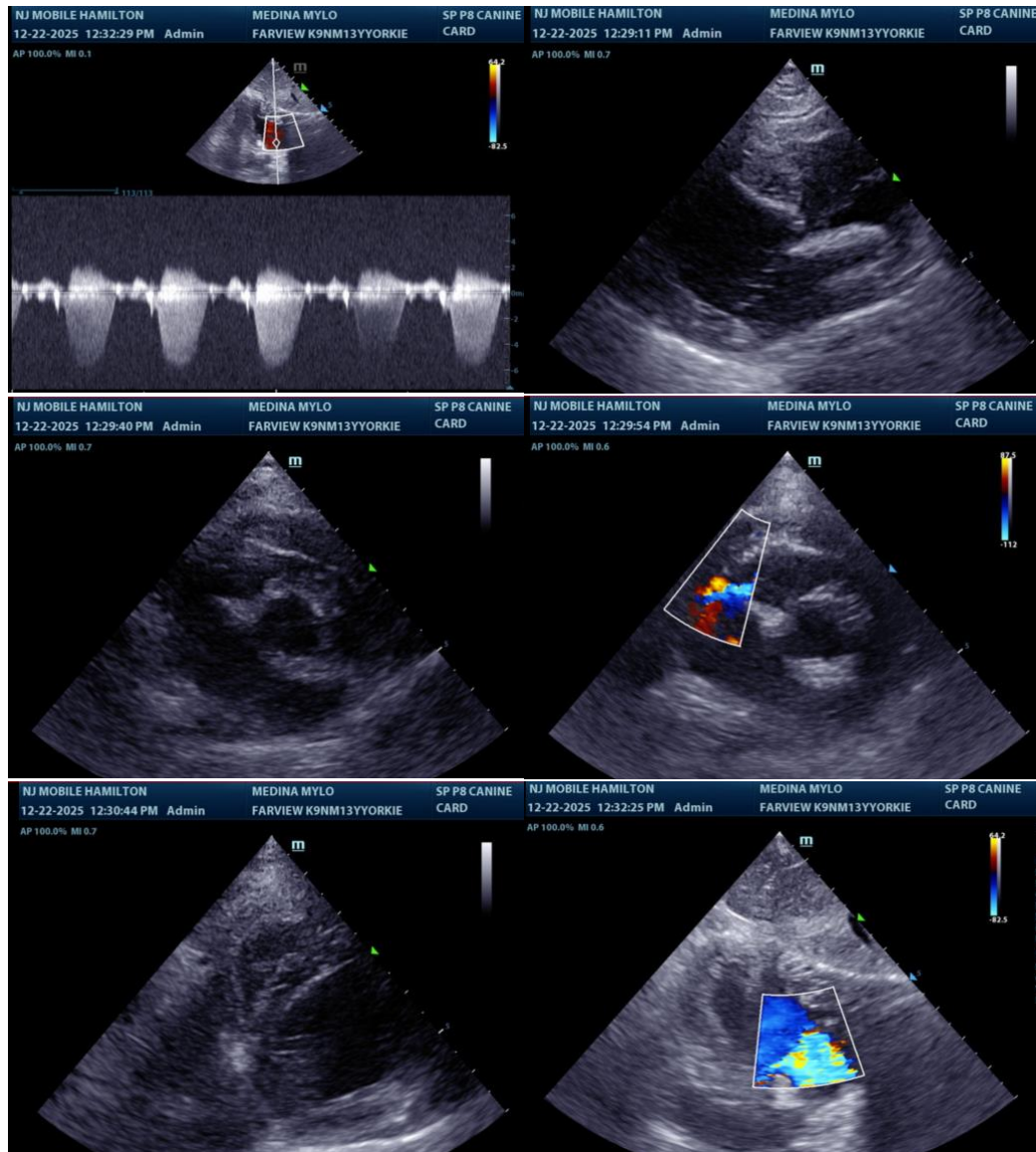
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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Annual recheck is recommended. No medications are necessary. The coughing is not due to the heart problem.



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



PATIENT

can be of any further assistance please contact me.

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