



PATIENT

Theo Crow

SPECIES

Canine

BREED

Poodle Mix

SEX

Neutered Male

AGE

13 Years 7 Months

WEIGHT

17 Pounds

INTERPRETED BY

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

IMAGING PERFORMED BY

Kerri Becker

HOSPITAL NAME

Marsh AH

REFERRING VET

Dr. Milwicki

INVOICE

35121

DATE

12/29/25

PRESENTING CLINICAL SIGNS

History: HX of HM grade 2, tracheal collapse, coughs. BPM-157/109 155/118. Needs dental extractions. Hydrocodone. Hydrox. Clomipramine. clonidine. gaba.

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	NM	NM	NM	1.31	25	NM	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	--	1.11	1.12	17 lbs	2.53	2.63	1.93

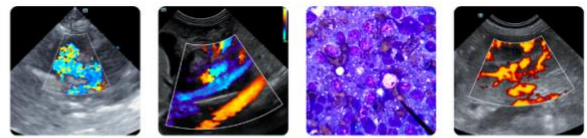
Cardiac Presentation

The mitral valve leaflets are mildly thickened with moderate mitral regurgitation posteriorly directed. There is no prolapse of the mitral valve leaflets. 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 without 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 moderate pulmonic valve insufficiency. There is no evidence of 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 mitral valve regurgitation
- No tricuspid regurgitation, but there is moderate pulmonic valve insufficiency.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS



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Recheck echocardiogram in one year is recommended. No medications are necessary.

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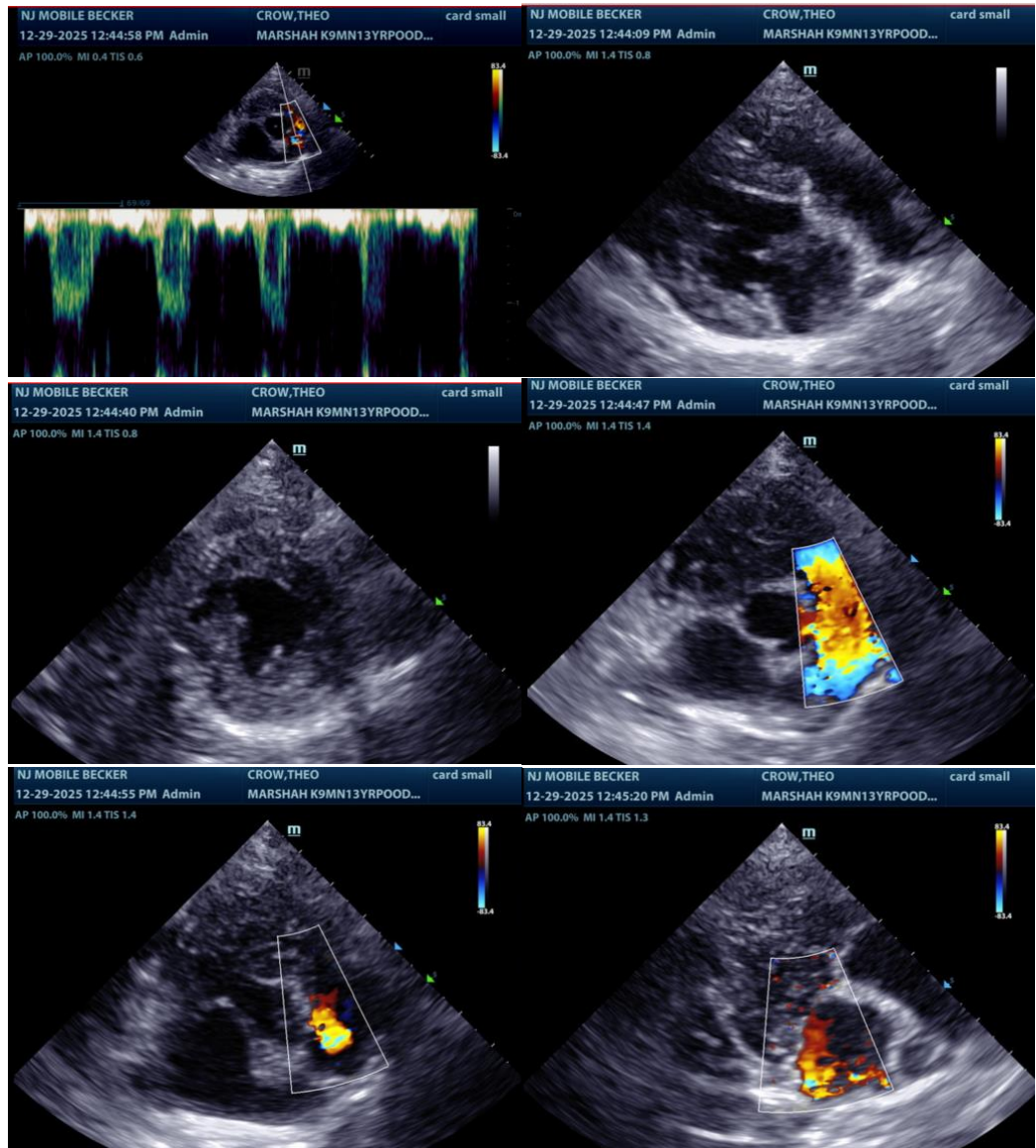
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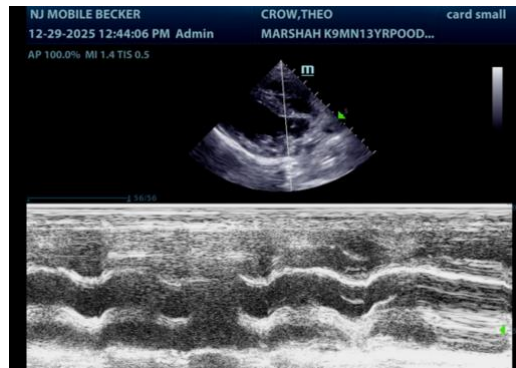
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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

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