



**PATIENT**

Remus Long

**SPECIES**

Canine

**BREED**

Yorkie Mix

**SEX**

Neutered Male

**AGE**

9 Years 3 Months

**WEIGHT**

17.4 Pounds

**INTERPRETED BY**

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

**IMAGING PERFORMED BY**

Kathleen Byrnes

**HOSPITAL NAME**

Stoney Creek VH

**REFERRING VET**

Dr. Eldred

**INVOICE**

35970

**DATE**

12/18/25

**PRESENTING CLINICAL SIGNS**

History: P presented for echo due to coughing starting on Friday P coughed up clear liquid, coughing fits have decreased since Friday. Lungs sounded clear. Chest rads showed enlarged heart, ProBNP elevated 1.195.

**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)
<b>NORMAL PARAMETER</b>	4.5-5.5	<2.7	1.3	Up to 1.6	28-40	40-100	<0.6
<b>PATIENT</b>	5.17	--	1.44	1.36	53	67	0.19
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)
<b>NORMAL PARAMETER</b>	50-100	0.7-1.7	0.7-1.6				
<b>PATIENT</b>	--	1.64	0.70	17.4 lbs	3.15	3.30	1.54

**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 trivial to very 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**

- Degenerative valve disease, ACVIM stage B-1
- Concomitant trivial to very mild tricuspid valve regurgitation
- Moderate to severe mitral regurgitation



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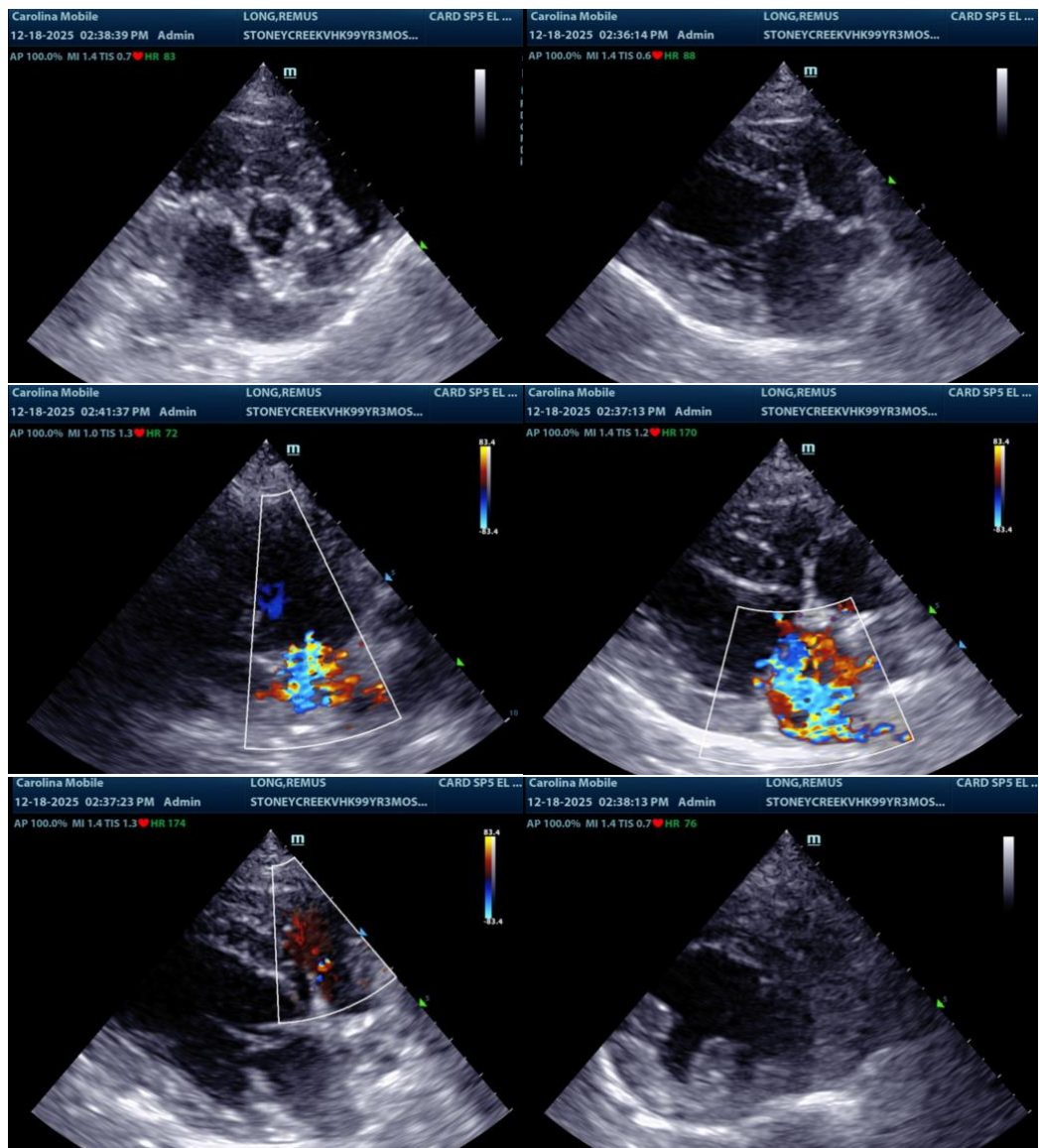
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**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Annual recheck is recommended. No medications are necessary. The cough is not cardiogenic. Thoracic radiographs are recommended. Management and therapy should be adjusted accordingly.



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

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