



**PATIENT**

Shea Zavien

**SPECIES**

Canine

**BREED**

Yorkshire Terrier

**SEX**

Neutered Male

**AGE**

12 Years 3 Months

**WEIGHT**

8.3 Pounds

**INTERPRETED BY**

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

**IMAGING PERFORMED BY**

Rebecca Hamilton

**HOSPITAL NAME**

Farview AC

**REFERRING VET**

Dr. Mosaad

**INVOICE**

35618

**DATE**

1/29/26

**PRESENTING CLINICAL SIGNS**

- Coughing, trouble breathing
- Radiographs show possible bronchial vs. alveolar pattern of cranial lung lobes
- Heart is enlarged
- Meds: Baytril 22.7 mg 1 tab BID, Temeril P 1/2 tab twice daily

**ULTRASONOGRAPHIC EXAMINATION OF THE HEART**

<b>CANINE CARDIAC PARAMETERS</b>	<b>MR VMAX</b> (m/s)	<b>TR VMAX</b> (m/s)	<b>LA/AO</b> (M-Mode)	<b>LA/AO</b> (Heart Base; Swe)	<b>FS</b> (%)	<b>EF</b> (%)	<b>EPSS</b> (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>	5.29	3.40	NM	1.06	36	--	0.21
<b>CANINE CARDIAC PARAMETERS</b>	<b>HR</b> (BPM)	<b>AV VMAX</b> (m/s)	<b>PV MAX</b> (m/s)	<b>BODY WEIGHT</b> (lbs)	<b>LAD</b> LA MAX 4 Chamber	<b>LVIDd</b> Avg; 2D and m-mode short axis (cm)	<b>LVIDs</b> 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>	--	1.37	0.69	8.3 lbs	1.69	2.23	1.43

**Radiographic Interpretation**

There is cardiomegaly on thoracic radiographs, presumably right sided cardiomegaly.

**Cardiac Presentation**

The mitral valve leaflets are mildly thickened with mild to moderate 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 mild 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 aortic insufficiency. There is mild pulmonic 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.



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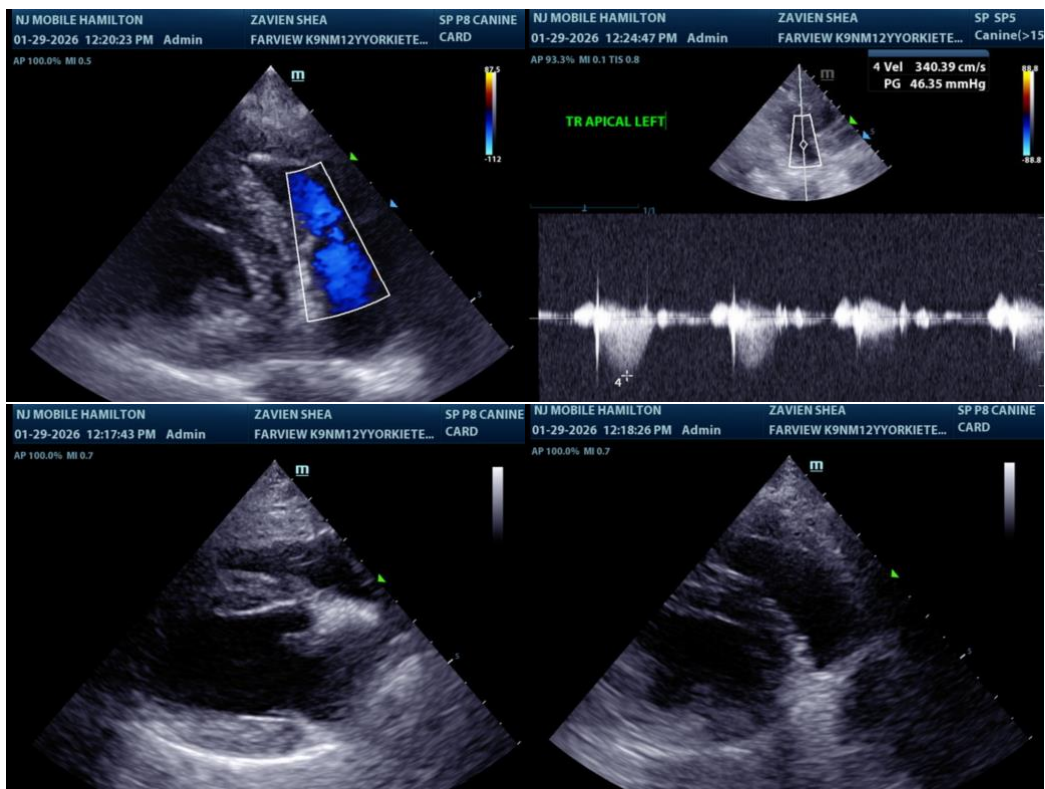
1/29/26

**ULTRASONOGRAPHIC FINDINGS**

- Myxomatous mitral valve disease, stage B-1 with concomitant tricuspid valve regurgitation
- Mild pulmonic insufficiency
- Right sided cardiomegaly on thoracic radiographs

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The tricuspid valve regurgitation velocities are suggestive for mild pulmonary hypertension; therefore, I would look for respiratory causes of the coughing. Given the breed, I would look for tracheal collapse, which I suspect as well, based on the thoracic radiographs. I would confirm this with a bronchoscopy and treat accordingly.





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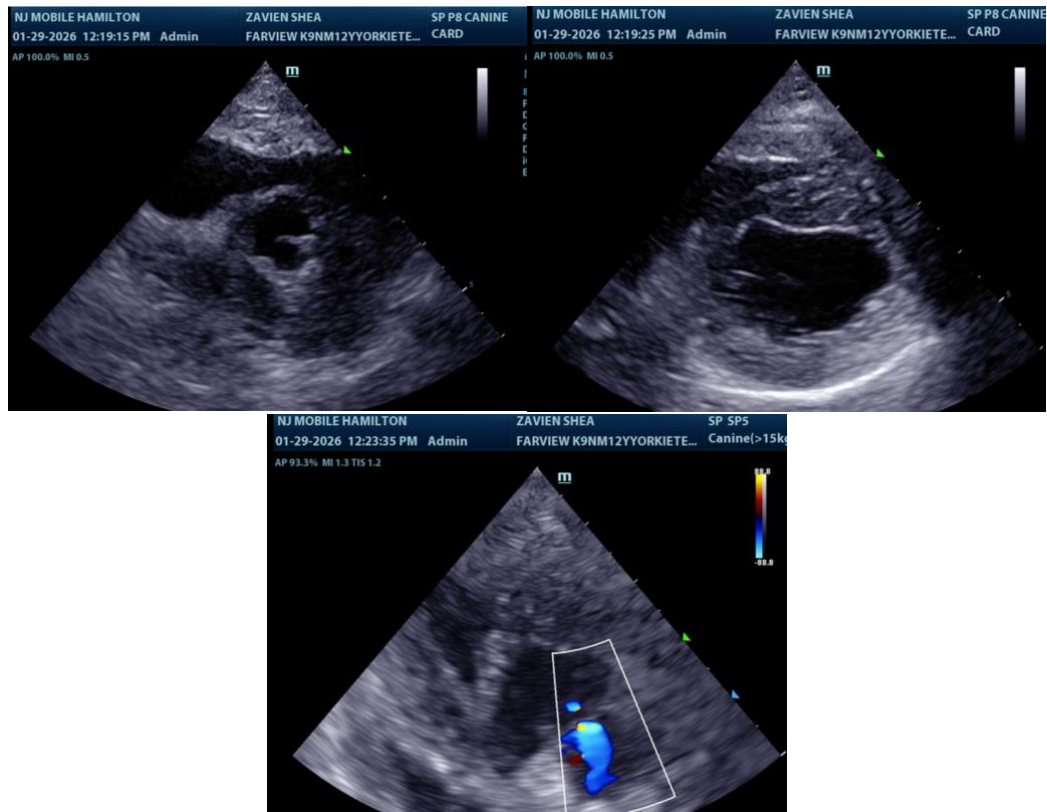
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**The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.**

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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