

**PATIENT**

Asa Cox

**SPECIES**

Canine

**BREED**

Yorkshire Terrier Mix

**SEX**

Spayed Female

**AGE**

14 Years 2 Months

**WEIGHT**

6.2 lbs

**INTERPRETED BY**

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

**IMAGING PERFORMED BY**

Rebecca Hamilton

**HOSPITAL NAME**

Ridge Road Animal  
Hospital

**REFERRING VET**

Dr. Pathak

**INVOICE**

16410

**DATE**

05/21/26

**PRESENTING CLINICAL SIGNS**

Grade 4 murmur, coughing often. Meds: Hydrocodone syrup, Furosemides 12.5 mg 1/2 q12h, Vetsulin

**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            | 3.28          | 1.12           | 0.92                    | 41                   | --                                       | 0.29                                     |
| 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                   | NM            | 1.01          | 0.9            | 6.2                     | 2.0                  | 1.7                                      | 1.0                                      |

**Cardiac Presentation**

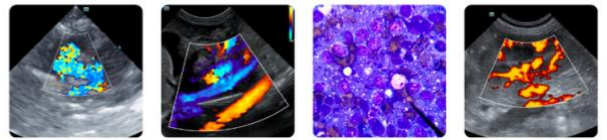
The left atrium was normal in all 3 views. The mitral valve shows myxomatous changes compatible with myxomatous mitral valve disease and mild mitral valve regurgitation. The left ventricle was normal. The myocardium was normal. Contractility was normal. Left ventricular outflow tract was normal. The right atrium was normal. No evidence of masses. The tricuspid valve showed myxomatous changes with moderate tricuspid valve regurgitation. The right ventricle was normal. The pulmonic tract was normal. No visible pericardial effusion or pleural effusion. The cranial mediastinum and pericardial regions were free of masses in the visible windows.

**ULTRASONOGRAPHIC FINDINGS**

- ACVIM myxomatous mitral valve disease, stage B-1 with concomitant tricuspid valve regurgitation- compatible with mild pulmonary hypertension.

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The TR is compatible with mild pulmonary hypertension. Given the clinical signs and the breed predisposition, I would recommend taking thoracic radiographs looking for trachea collapse. Annual recheck is recommended. No medications are necessary.



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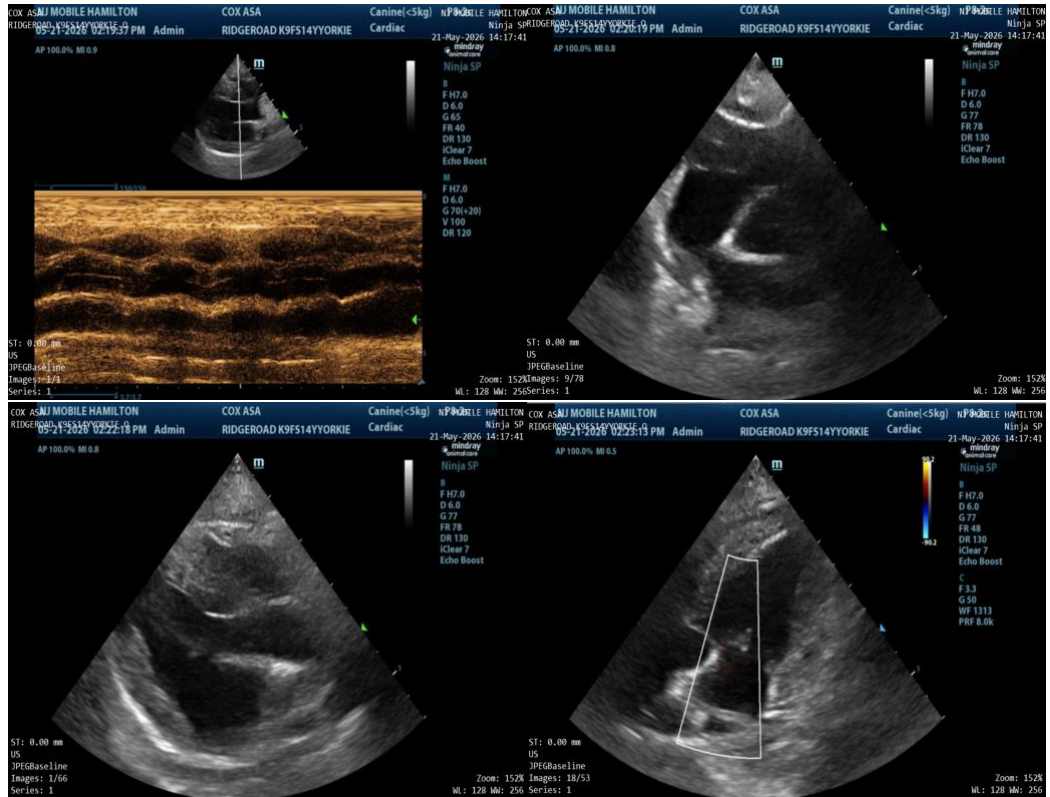
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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 (Cardiology)

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