



**PATIENT**

Trixie Mclane

**SPECIES**

Canine

**BREED**

Shih Tzu

**SEX**

Female Spayed

**AGE**

11 years

**WEIGHT**

12.5lbs

**PRESENTING CLINICAL SIGNS**

History: Coughing; radiograph review-collapsing trachea. R/O concurrent pulmonary hypertension. Hydrocodone Cough Syrup.

**ECHOCARDIOGRAM FINDINGS**

2D, m-mode, color flow and Doppler imaging is available.

**Left ventricle:** The LV diameter is normal with adequate myocardial function. LV wall thicknesses are normal.

**Left atrium:** The left atrium is normal.

**Mitral valve:** The mitral valve is mildly thickened with no prolapse into the left atrial lumen. Trace eccentric mitral regurgitation with a normal velocity.

**Aortic valve/aorta:** The aortic valve is normal in morphology and mobility. Normal aortic outflow velocity; laminar flow. No aortic insufficiency.

**Right ventricle:** Normal right ventricular diameter and morphology indicating no overt evidence of pulmonary arterial hypertension.

**Right atrium:** Normal RA dimension.

**Tricuspid valve:** The tricuspid valve appears mildly thickened with trace tricuspid regurgitation; normal velocity.

**Pulmonic valve/pulmonary artery:** The pulmonic valve is normal in morphology and mobility. No pulmonic insufficiency. Normal RVOT velocity; laminar flow.

**Pericardium/other:** No pericardial or pleural effusion noted. No obvious cardiac masses.

**2-Dimensional Measurements**

Ao diam (cm)	1.2
LA diam (cm)	1.66
LA:Ao (Swe)	1.4
IVS thickness (cm)	0.75
LVID diastole (cm)	2.0
PW thickness (cm)	0.8
LVID systole (cm)	0.6
FS (%)	70

**Doppler Measurements**

PV Vmax (m/s)	1.1
AoV Vmax (m/s)	1.5
MR Vmax (m/s)	NA
TR Vmax (m/s)	1.8
TR PG (mmHg)	13

**INTERPRETED BY**

Maggie Machen  
Lamy, DVM  
DACVIM (Cardiology)

**IMAGING PERFORMED BY**

Pamela Harrigan,  
RDCS

**HOSPITAL NAME**

Norfolk County  
Veterinary Services

**REFERRING VET**

Dr. Richards

**INVOICE**

21293

**DATE**

9/30/21

**INTERPRETATION OF THE FINDINGS**

Overtly normal cardiac dimensions and function, with no obvious dysfunction or dilation of the left heart. No significant valvular leaks are visualized, and no evidence of pulmonary hypertension. Small mitral and tricuspid leaks are noted which may be physiologic in origin or may reflect early pulmonary hypertension. Follow up is advised should a murmur be ausculted in the future. No additional issues are identified.

No cardiac medications are indicated at this time as the cough appears non-cardiac in origin. Continued work up for infectious/inflammatory respiratory causes is recommended if the cough persists/recurs. Poorly controlled respiratory disease can lead to development of pulmonary hypertension over time and monitoring for associated clinical signs is recommended (exertional syncope or dyspnea).

**RECOMMENDATIONS**

- No cardiac medications are clearly indicated.
- No cardiac contraindication for general anesthesia.



**PATIENT**

Trixie McLane

- Monitor for development of a murmur, cough, labored breathing, exercise intolerance or collapse episodes.

**SPECIES**

Canine

**PLAN**

Recommend conservative monitoring with a recheck echocardiogram recommended should a murmur or signs of pulmonary hypertension be noted in the future.

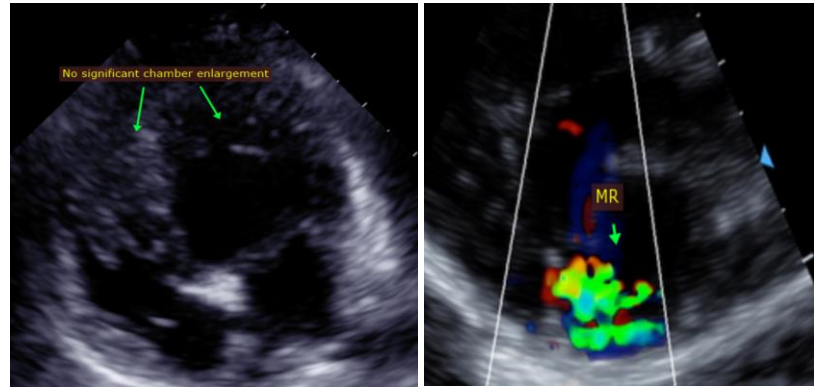
**BREED**

Shih Tzu

**IMAGES**

**SEX**

Female Spayed



**AGE**

11 years

**WEIGHT**

12.5lbs

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

**INTERPRETED BY**

Maggie Machen Lamy, DVM  
 DACVIM (Cardiology)

Thank you for this referral. This report was generated using transcription software, and minor dictation errors may be present. If the clinical or image interpretation does not parallel your findings or if I can be of any further assistance please contact me.

**IMAGING PERFORMED BY**

Pamela Harrigan, RDCS

Maggie Machen Lamy, DVM  
 Diplomate of the American College of Veterinary Internal Medicine (Cardiology)  
 info@sonopath.com

**HOSPITAL NAME**

Norfolk County Veterinary Services

**REFERRING VET**

Dr. Richards

**INVOICE**

21293

**DATE**

9/30/21