



**PATIENT**

Traveler Hunt

**SPECIES**

Canine

**BREED**

Soft Coated Wheaton

**SEX**

Male Neutered

**AGE**

10 years

**WEIGHT**

47lbs

**INTERPRETED BY**

Maggie Machen  
Lamy, DVM  
DACVIM (Cardiology)

**IMAGING PERFORMED BY**

Eduardo Rodriguez  
III, RCS

**HOSPITAL NAME**

Falmouth Animal  
Hospital

**REFERRING VET**

Dr. Hauser

**INVOICE**

29863

**DATE**

3/27/23

**PRESENTING CLINICAL SIGNS**

History: Recheck echo. History of valvular disease - Stage B1. Presently, doing well clinically. Good appetite and normal energy level. BP: 132, 138, 140mmHg.

-Pertinent previous echo findings (1/22/21 MML): LA 2.5 cm, LA:Ao 1.0, LV 3.5 cm, normal LA size, mild MR.

**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 diffusely thickened with mild prolapse into the left atrial lumen. Mild anterior-directed mitral regurgitation.

**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 thickened with septal prolapse and mild 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.

**Heart rhythm:** ECG reveals a sinus rhythm with an average HR of 80bpm.

**2-Dimensional Measurements**

Ao diam (cm)	2.2
LA diam (cm)	2.5
LA:Ao (Swe)	1.2
IVS thickness (cm)	0.9
LVID diastole (cm)	3.7
PW thickness (cm)	0.9
LVID systole (cm)	2.6
FS (%)	35

**Doppler Measurements**

PV Vmax (m/s)	0.54
AoV Vmax (m/s)	1.1
MR Vmax (m/s)	NM
TR Vmax (m/s)	2.7
TR PG (mmHg)	30

**INTERPRETATION OF THE FINDINGS**

Chronic degenerative valve disease persists with overall stability. Mild mitral regurgitation is unchanged with stable left heart dimensions. A tricuspid leak has developed; however, pulmonary pressures appear normal. No additional issues are identified.

Continued assessment of progression in the future will help predict long term prognosis, which is highly variable at this stage (B1).



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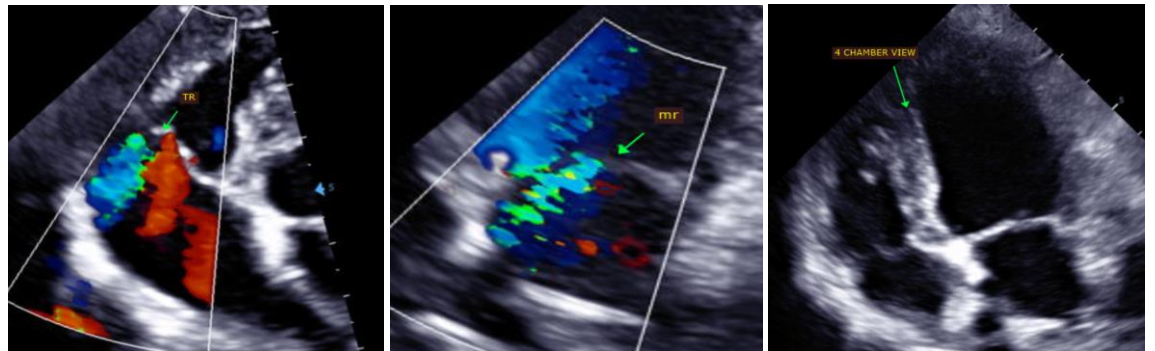
**RECOMMENDATIONS**

- No cardiac medications are clearly indicated.
- Omega fatty acid supplementation and mild salt restriction may be of some long-term benefit.
- No cardiac contraindication for general anesthesia prior to chamber enlargement.
- Monitor for development of a cough, labored breathing, exercise intolerance or collapse episodes.

**PLAN**

- Recommend conservative monitoring with a recheck echocardiogram in 6-12 months, sooner if any development of clinical signs.

**IMAGES**



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.

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.

**Maggie Machen Lamy, DVM**  
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**Echocardiogram performed by:** Pamela Harrigan, RDCS  
 Pet Animal Ultrasound Service ([4paus.com](http://4paus.com))