



**PATIENT**

Marley Monroe

**SPECIES**

Canine

**BREED**

CKCS

**SEX**

Male Neutered

**AGE**

5 years

**WEIGHT**

22.8lbs

**INTERPRETED BY**

Maggie Machen  
Lamy, DVM  
DACVIM (Cardiology)

**IMAGING  
PERFORMED BY**

Pamela Harrigan,  
RDCS

**HOSPITAL NAME**

Mass Veterinary  
Specialty Services

**REFERRING VET**

Dr. Masloski

**INVOICE**

20608

**DATE**

8/18/21

**PRESENTING CLINICAL SIGNS**

History: Marley has no cardiac issues but given his breed, the family would like a baseline echo. Good appetite and energy. CV/RESP: NSR, no murmurs, PSS, lung fields clear. BP: 120mmHg x 4. \*No sedation for exam.

**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. Trivial mitral regurgitation.

**Aortic valve/Aorta:** The aortic valve is normal in morphology and mobility. Normal 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 normal with trivial 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 130bpm.

**2-Dimensional Measurements**

Ao diam (cm)	1.8
LA diam (cm)	2.0
LA:Ao (Swe)	1.1
IVS thickness (cm)	0.8
LVID diastole (cm)	2.5
PW thickness (cm)	0.9
LVID systole (cm)	1.3
FS (%)	48

**Doppler Measurements**

PV Vmax (m/s)	0.84
AoV Vmax (m/s)	1.3
MR Vmax (m/s)	NM
TR Vmax (m/s)	2.5
TR PG (mmHg)	25

**INTERPRETATION OF THE FINDINGS**

Overtly normal cardiac structure and function. No obvious significant valve regurgitation is seen, and no structural issues identified.

Given the breed, there is certainly a predisposition for development of valve disease as the patient ages. Prognosis is open at this time.

**RECOMMENDATIONS**

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



**PATIENT**

- Monitor for a murmur, cough, labored breathing or exercise intolerance.

**Marley Monroe**

**PLAN**

- Recommend recheck echocardiogram should a murmur be noted in the future.

**SPECIES**

Canine

**BREED**

CKCS

**SEX**

Male Neutered

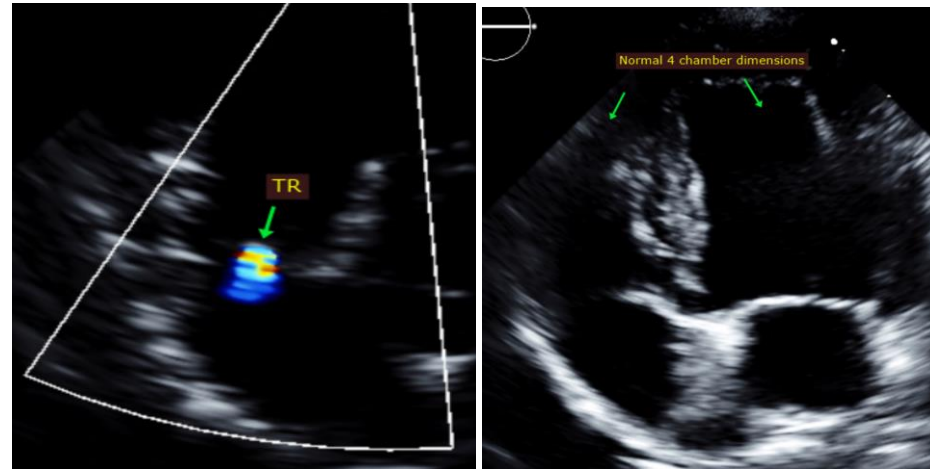
**AGE**

5 years

**WEIGHT**

22.8lbs

**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.**

**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**

Mass Veterinary  
Specialty Services

**Echocardiogram performed by:** Pamela Harrigan, RDCS  
Pet Animal Ultrasound Service (4paus.com)

**REFERRING VET**

Dr. Masloski

**INVOICE**

20608

**DATE**

8/18/21