



**PATIENT**

Chance Landroche

**SPECIES**

Canine

**BREED**

Labrador Retriever

**SEX**

Male Neutered

**AGE**

11 years

**WEIGHT**

105lbs

**INTERPRETED BY**

Maggie Machen  
Lamy, DVM  
DACVIM (Cardiology)

**IMAGING PERFORMED BY**

Pamela Harrigan,  
RDCS

**HOSPITAL NAME**

Wood River Animal  
Hospital

**REFERRING VET**

Dr. Serra

**INVOICE**

21447

**DATE**

10/11/21

**PRESENTING CLINICAL SIGNS**

History: Prior history of a splenic mass. Splenectomy done 10/03/2019. Histopath showed only extramedullary hematopoiesis. Has done well until recently when he has had exercise intolerance. Workup showed severe regenerative anemia (HCT 10%), Path review did not show a definitive cause but there were very few spherocytes so this is probably not IMHA. Chest and abdominal radiographs did not demonstrate any changes to help define his CBC findings. Medications: Zonisamide for epilepsy.

**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 central MR.

**Aortic valve/Aorta:** The aortic valve is normal in morphology and mobility. Normal aortic outflow velocity depending on heart rate; 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 no tricuspid regurgitation.

**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 bpm.

**2-Dimensional Measurements**

Ao diam (cm)	2.8
LA diam (cm)	3.3
LA:Ao (Swe)	1.2
IVS thickness (cm)	1.1
LVID diastole (cm)	5.0
PW thickness (cm)	1.1
LVID systole (cm)	3.3
FS (%)	35

**Doppler Measurements**

PV Vmax (m/s)	0.9
AoV Vmax (m/s)	1.86
MR Vmax (m/s)	NA
TR Vmax (m/s)	NA
TR PG (mmHg)	NA

**INTERPRETATION OF THE FINDINGS**

Overtly normal cardiac structure and function. The overall dimensions are normal with no evidence of significant structural disease. Follow up is advised should a murmur be ausculted in the future. No additional issues are identified.

No obvious cause for exercise intolerance is seen here. Further systemic evaluation is advised.

**RECOMMENDATIONS**

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



**PATIENT**

Chance Landroche

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

**SPECIES**

Canine

**PLAN**

- Recommend conservative monitoring with a recheck echocardiogram should a murmur or signs of cardiac compromise be noted in the future.

**BREED**

Labrador Retriever

**SEX**

Male Neutered

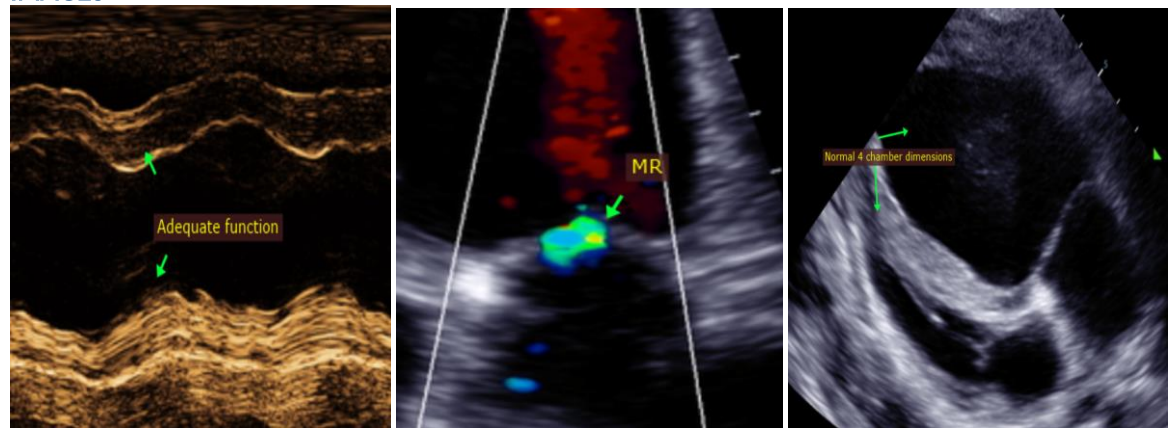
**AGE**

11 years

**WEIGHT**

105lbs

**IMAGES**



**INTERPRETED BY**

Maggie Machen  
 Lamy, DVM  
 DACVIM (Cardiology)

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.

**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**

Wood River Animal  
 Hospital

**REFERRING VET**

Dr. Serra

**INVOICE**

21447

**DATE**

10/11/21