



**PATIENT**

Duke Dagostino

**SPECIES**

Canine

**BREED**

Golden Retriever

**SEX**

Male Intact

**AGE**

7 years

**WEIGHT**

88.5lbs

**PRESENTING CLINICAL SIGNS**

History: Littermate recently euthanized due to splenic hemangiosarcoma. Owner requested ultrasound screening. BP: 188-199mmHg prior to sedation with butorphanol, then 159mmHg.

**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 normal; no MR.

**Aortic valve/Aorta:** The aortic valve is normal in morphology and mobility. Normal aortic outflow velocity. 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.

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

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

**Heart rhythm:** ECG reveals a sinus rhythm with an average HR of 100bpm.

**2-Dimensional Measurements**

Ao diam (cm)	2.3
LA diam (cm)	3.0
LA:Ao (Swe)	1.3
IVS thickness (cm)	1.2
LVID diastole (cm)	4.5
PW thickness (cm)	1.2
LVID systole (cm)	3.0
FS (%)	33

**Doppler Measurements**

PV Vmax (m/s)	0.9
AoV Vmax (m/s)	1.6
MR Vmax (m/s)	NA
TR Vmax (m/s)	NA
TR PG (mmHg)	NA

**INTERPRETED BY**

Maggie Machen  
Lamy, DVM  
DACVIM (Cardiology)

**IMAGING**

**PERFORMED BY**

Jennifer Magner,  
RDCS

**HOSPITAL NAME**

Foster Veterinary  
Clinic

**REFERRING VET**

Dr. Hattan

**INVOICE**

22707

**DATE**

2/21/22

**INTERPRETATION OF THE FINDINGS**

Overtly normal cardiac dimensions and function. No obvious cardiac/extra-cardiac tumors are visualized; however, it should be mentioned that small masses are easily missed in the absence of effusion. Concern in this case is low.

**RECOMMENDATIONS**

- No cardiac medications are indicated.
- No cardiac contraindication for general anesthesia.
- Monitor for development of a murmur, cough, labored breathing, exercise intolerance or collapse episodes.

**PLAN**

- Recommend a recheck echocardiogram should a murmur or clinical signs of cardiac disease develop in the future.



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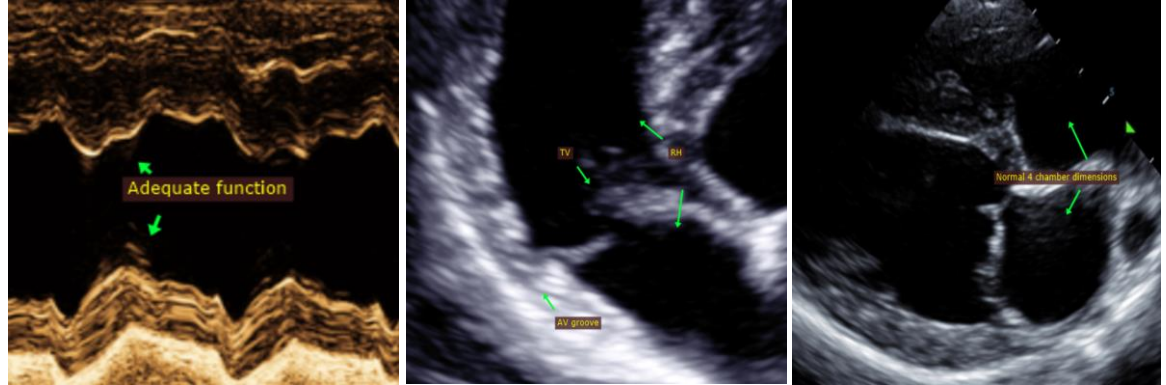
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**IMAGES**



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.

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