



**PATIENT**

Tara Gentry

**SPECIES**

Canine

**BREED**

German Shepherd Mix

**SEX**

Female Spayed

**AGE**

13 years

**WEIGHT**

80lbs

**INTERPRETED BY**

Maggie Machen  
Lamy, DVM  
DACVIM (Cardiology)

**IMAGING PERFORMED BY**

Pamela Harrigan,  
RDMS

**HOSPITAL NAME**

Falmouth Animal  
Hospital

**REFERRING VET**

Dr. Hauser

**INVOICE**

28941

**DATE**

2/13/23

**PRESENTING CLINICAL SIGNS**

History: Increased respiratory effort and rate; no murmur, splenomegaly. Was on Enalapril for proteinuria. When owner stopped this breathing got worse. Radiographs: Rounded cardiac silhouette. Age-related pulmonary changes. On: 1) Gabapentin 300 PO Q8, 2) Enalapril 20mg PO Q24hr for proteinuria but most recent UPC wan wnl. 3) Carprofen 75mg PO Q12hr BP: 126, 128, 138 mmHg  
Abnormal PE/Chem/CBC/UA Results: ALT 130 sl H, BUN 51H, creat: 1.0 wnl, USG: 1.040

**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 MR.

**Aortic valve/Aorta:** The aortic valve is normal in morphology and mobility. Normal aortic outflow velocity depending on heart rate; laminar flow. Trivial 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 90bpm.

**2-Dimensional Measurements**

Ao diam (cm)	2.7
LA diam (cm)	3.0
LA:Ao (Swe)	1.1
IVS thickness (cm)	1.0
LVID diastole (cm)	3.8
PW thickness (cm)	1.0
LVID systole (cm)	1.5
FS (%)	60

**Doppler Measurements**

PV Vmax (m/s)	0.7
AoV Vmax (m/s)	1.2
MR Vmax (m/s)	NA
TR Vmax (m/s)	NA
TR PG (mmHg)	NA

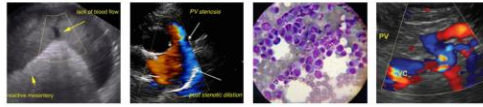
**INTERPRETATION OF THE FINDINGS**

Overtly normal cardiac structure and function. No significant valve leaks are appreciated and systolic function intact. Trivial AI is noted; however, reported blood pressure is normal. No additional issues are identified.

These findings would suggest the radiographic abnormalities are a normal variant. These films should be used as a baseline for future comparison. Additionally, no cardiac cause for respiratory issues is suspected based upon these findings.

**RECOMMENDATIONS**

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



**PATIENT**

Tara Gentry

- 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.

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German Shepherd Mix

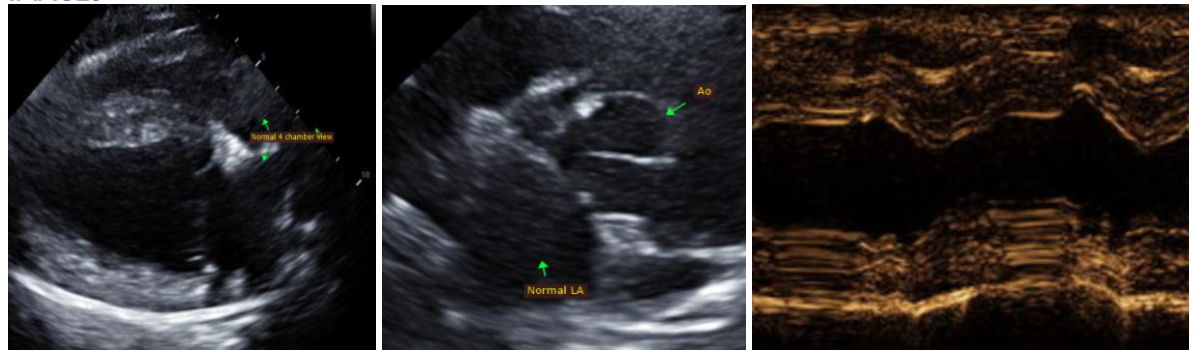
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**IMAGES**



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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.

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

**IMAGING PERFORMED BY**

Pamela Harrigan,  
 RDCS

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

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