



PATIENT

Zelda Dondero

SPECIES

Canine

BREED

Boxer Mix

SEX

Female Spayed

AGE

8 years

WEIGHT

57lbs

PRESENTING CLINICAL SIGNS

History: Zelda was noted to have a heart murmur in June. Good appetite; gets tired with exercise. Zelda was very briefly on a grain free diet. History treatment for heartworm. On exam: NSR, grade II-III/VI murmur with PMI left apical area, PSS, lung fields clear. BP: 140 mmHg x 4. *No sedation for study.

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 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 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 150bpm.

INTERPRETED BY

Maggie Machen
Lamy, DVM
DACVIM (Cardiology)

2-Dimensional Measurements

Ao diam (cm)	2.1
LA diam (cm)	2.4
LA:Ao (Swe)	1.1
IVS thickness (cm)	0.9
LVID diastole (cm)	3.9
PW thickness (cm)	0.9
LVID systole (cm)	2.4
FS (%)	38

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

IMAGING

PERFORMED BY

Pamela Harrigan,
RDCS

INTERPRETATION OF THE FINDINGS

Overtly normal cardiac structure and function. No cause of the murmur is identified in this study. Trivial MR is noted; however, this is unlikely to be heard on physical exam. In the absence of significant volume changes (dehydration) or anemia, other possibilities include a physiologic flow murmur only present with elevated heart rates, or a small flow abnormality not seen here. Baseline lab work is recommended if not recently performed.

It is reasonable to monitor periodically via recheck echocardiography in the future, particularly should the murmur persist/progress. No significant valvular insufficiencies were noted, and no structural issues identified. No evidence of right heart enlargement or pulmonary hypertension secondary to prior heartworm infestation.

HOSPITAL NAME

Mass Veterinary Services

REFERRING VET

Dr. Masloski

INVOICE

26372

DATE

9/14/22

RECOMMENDATIONS

- No cardiac medications are indicated at this time. Monitor for any development of cough, labored breathing or exercise intolerance.
- No cardiac contraindication for general anesthesia.



PATIENT

Zelda Dondero

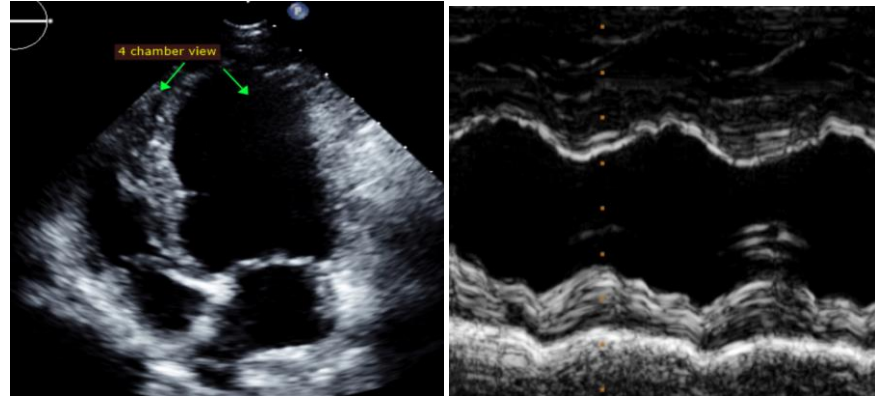
PLAN

- Recommend recheck echocardiogram in 12-18 months to screen for progression or development of concurrent cardiac disease that the preexisting murmur may mask.

SPECIES

Canine

IMAGES



BREED

Boxer Mix

SEX

Female Spayed

AGE

8 years

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.

WEIGHT

57lbs

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.

INTERPRETED BY

Maggie Machen
Lamy, DVM
DACVIM (Cardiology)

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)

HOSPITAL NAME

Mass Veterinary
Services

REFERRING VET

Dr. Masloski

INVOICE

26372

DATE

9/14/22