



PATIENT

Klaus Archibald
Fernandes

PRESENTING CLINICAL SIGNS

History: Other dog in the house recently diagnosed with splenic mass. Owners concerned and wants a thorough health check. BP: 125, 128, 129 mmHg. *Having bi-cavity ultrasound exams.

SPECIES

Canine

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.

BREED

Boxer

Left atrium: The left atrium is normal.

Mitral valve: The mitral valve is mildly thickened with no prolapse into the left atrial lumen. No MR.

SEX

Male Neutered

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.

AGE

6 years

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.

WEIGHT

95lbs

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

2-Dimensional Measurements

Doppler Measurements

Ao diam (cm)	2.2
LA diam (cm)	2.5
LA:Ao (Swe)	1.1
IVS thickness (cm)	1.4
LVID diastole (cm)	3.6
PW thickness (cm)	1.5
LVID systole (cm)	2.0
FS (%)	37

PV Vmax (m/s)	0.8
AoV Vmax (m/s)	1.4
MR Vmax (m/s)	NA
TR Vmax (m/s)	NA
TR PG (mmHg)	NA

INTERPRETED BY

Maggie Machen
Lamy, DVM
DACVIM (Cardiology)

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.

IMAGING PERFORMED BY

Pamela Harrigan,
RDCS

HOSPITAL NAME

Norfolk County
Veterinary Service

Given the breed predisposition for arrhythmic disease, periodic holter monitoring is recommended to screen for abnormalities.

REFERRING VET

Dr. McCabe

RECOMMENDATIONS

- No cardiac medications are clearly indicated.
- Consider holter monitor as discussed.
- No cardiac contraindication for general anesthesia.
- Monitor for development of a cough, labored breathing, exercise intolerance or collapse episodes.

INVOICE

29501

DATE

3/9/23



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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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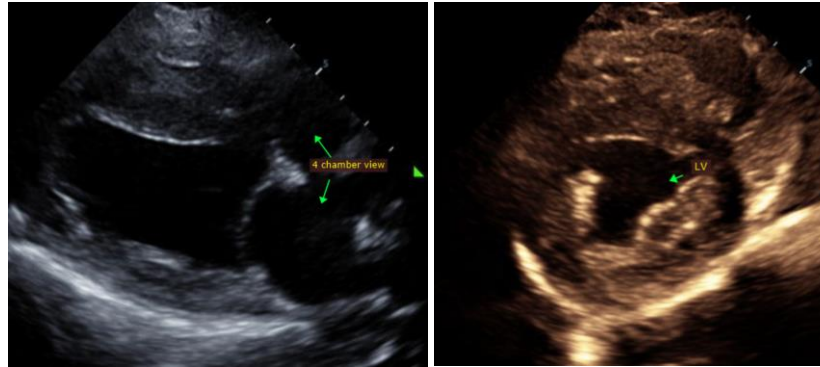
WEIGHT

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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.

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

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

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