



PATIENT

Delilah Mae Ware-Charles

PRESENTING CLINICAL SIGNS

History: New murmur 4/18/2023. Grade I/VI systolic, synchronous pulses.

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.

Left atrium: The left atrium is normal.

Mitral valve: The mitral valve is mildly thickened with no prolapse into the left atrial lumen. Mild central 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 140bpm.

BREED

Dachshund

SEX

Female Spayed

AGE

1 year

WEIGHT

11.4lbs

2-Dimensional Measurements

Ao diam (cm)	1.2
LA diam (cm)	1.5
LA:Ao (Swe)	1.3
IVS thickness (cm)	0.6
LVID diastole (cm)	2.3
PW thickness (cm)	0.6
LVID systole (cm)	1.5
FS (%)	36

Doppler Measurements

PV Vmax (m/s)	0.95
AoV Vmax (m/s)	1.6
MR Vmax (m/s)	NM
TR Vmax (m/s)	NA
TR PG (mmHg)	NA

INTERPRETED BY

Maggie Machen
Lamy, DVM
DACVIM (Cardiology)

INTERPRETATION OF THE FINDINGS

The only cause of the murmur identified is mild mitral regurgitation. In a 1-year-old dog, this is unlikely to be age-related degeneration and a congenital mitral valve issue is suspected. Regardless, what is seen here is subclinical and hemodynamically insignificant. Monitoring for progression is advised; however, concern is low at this time.

IMAGING PERFORMED BY

Pamela Harrigan,
RDCS

HOSPITAL NAME

VCA Palmer

Prognosis is open prior to assessing for progression.

REFERRING VET

Dr. Mellon

RECOMMENDATIONS

- No cardiac medications are clearly indicated.
- Omega fatty acid supplementation and mild salt restriction may be of some long-term benefit.
- No cardiac contraindication for general anesthesia.
- Monitor for development of a cough, labored breathing, exercise intolerance or collapse episodes.

INVOICE

32047

DATE

8/1/23



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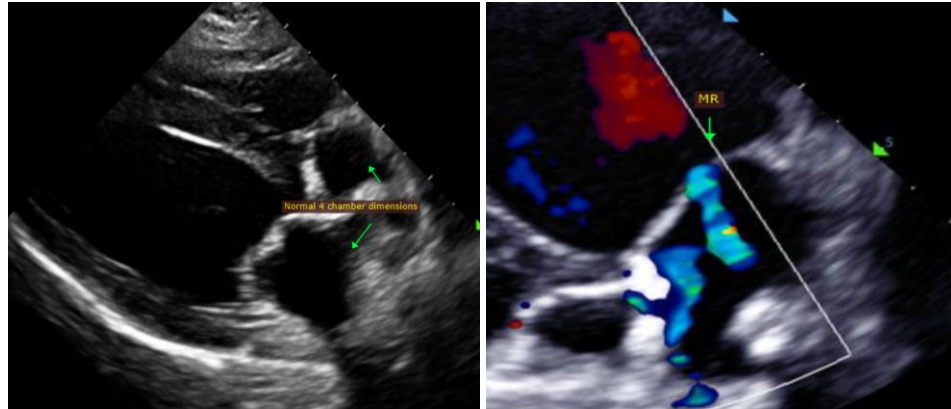
DATE

8/1/23

PLAN

- Recommend conservative monitoring with a recheck echocardiogram in 1 year, sooner if any development of clinical signs.

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