



PATIENT

Coco Rudolph

SPECIES

Canine

BREED

Australian Cobberdog

SEX

Female Spayed

AGE

1 year

WEIGHT

51lbs

INTERPRETED BY

Maggie Machen Lamy, DVM DACVIM (Cardiology)

IMAGING PERFORMED BY

Pamela Harrigan, RDCS

HOSPITAL NAME

Mass Veterinary Services

REFERRING VET

Dr. Masloski

INVOICE

30566

DATE

5/3/23

PRESENTING CLINICAL SIGNS

History: Recheck echo. History mitral valve dysplasia, mild; four-chamber equivocal generous size, query normal athletic heart vs other; slightly elevated LVOT velocities, likely normal variant. Prior echo 11/11/21 (Rebecca Malakoff, DVM, DACVIM-C). Presently, she is doing well with a good appetite and very active. On exam: NSR, grade II/VI murmur with PMI left apical area, PSS, lung fields clear, mm pink, moist, CRT<2. BP: 140mmHg x 5. Currently, no medications *No sedation for study.

-Pertinent previous echo measurements: LA 3.38 cm; LA:Ao 1.51; LV 3.95 cm (M-mode); LVOT Vmax (V1) 1.6 m/s; V2 185 m/s.

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 in dimension.

Mitral valve: The mitral valve is normal with no prolapse into the left atrial lumen. Trivial mitral regurgitation.

Aortic valve/aorta: The aortic valve is normal in morphology and mobility. Mildly elevated 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 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 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)	1.9
LA diam (cm)	2.6
LA:Ao (Swe)	1.3
IVS thickness (cm)	0.9
LVID diastole (cm)	4.1
PW thickness (cm)	0.9
LVID systole (cm)	2.9
FS (%)	29

Doppler Measurements

PV Vmax (m/s)	1.3
AoV Vmax (m/s)	2.1
MR Vmax (m/s)	NA
TR Vmax (m/s)	NA
TR PG (mmHg)	NA

INTERPRETATION OF THE FINDINGS

The only cause of a murmur identified is increased flow velocity through the LVOT/aortic root, as was noted previously. No obvious subaortic ridge or valvular abnormalities are visualized, and in the absence of structural abnormalities this is considered a benign flow abnormality. A diagnosis of mild mitral valve dysplasia could be argued in this case given trivial MR; however, this does not appear to be contributing to the LVOT flow abnormality. Regardless, what is seen here is essentially normal and unlikely to cause clinical issues.

Given these findings, no medications are indicated. Prognosis is good; however, periodic monitoring is recommended.



PATIENT

Coco Rudolph

SPECIES

Canine

BREED

Australian Cobberdog

SEX

Female Spayed

AGE

1 year

WEIGHT

51lbs

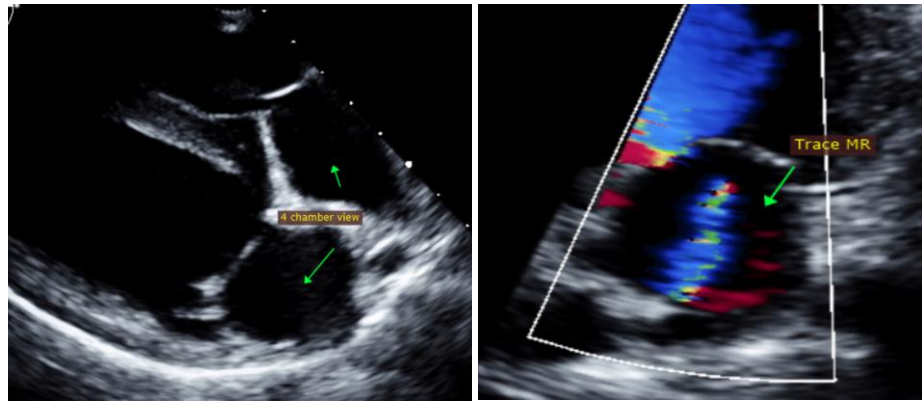
RECOMMENDATIONS

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

PLAN

Recommend recheck echocardiogram in 12-18 months.

IMAGES



INTERPRETED BY

Maggie Machen Lamy, DVM
DACVIM (Cardiology)

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.

IMAGING PERFORMED BY

Pamela Harrigan, RDCS

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

HOSPITAL NAME

Mass Veterinary Services

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

REFERRING VET

Dr. Masloski

INVOICE

30566

DATE

5/3/23