



PATIENT

Corabelle Gavin

SPECIES

Canine

BREED

Toy Poodle

SEX

Female Spayed

AGE

7 years

WEIGHT

6.6lbs

INTERPRETED BY

Maggie Machen
Lamy, DVM
DACVIM (Cardiology)

IMAGING PERFORMED BY

Pamela Harrigan,
RDCS

HOSPITAL NAME

Rhode Island Animal
Medical Center

REFERRING VET

Dr. Rogoff

INVOICE

29377

DATE

3/3/23

PRESENTING CLINICAL SIGNS

History: Recheck echo. History chronic valvular disease- Stage B1. Doing well at home. BP: 109, 116, 120mmHg.

-Pertinent previous echo findings (4/1/22 MML) LA 1.6 cm; LA:Ao 1.4, LV 1.8 cm, normal LV/LA, trace MR, mild TR (3.2 m/s; 41 mmHg), mild pulmonary hypertension.

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. Trace 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.

Right atrium: Normal RA.

Tricuspid valve: The tricuspid valve appears mildly thickened with mild tricuspid regurgitation. Velocity consistent with mild pulmonary hypertension.

Pulmonary valve/Pulmonary artery: The pulmonic valve is normal in morphology and mobility. Mild pulmonic insufficiency. Normal RVOT velocity; laminar flow. No significant MPA or branch dilation.

Pericardium/other: No pericardial or pleural effusion noted. No obvious cardiac masses.

Heart rhythm: ECG reveals a sinus rhythm with an average HR of 110bpm.

2-Dimensional Measurements

Ao diam (cm)	1.0
LA diam (cm)	1.5
LA:Ao (Swe)	1.5
IVS thickness (cm)	0.4
LVID diastole (cm)	1.9
PW thickness (cm)	0.5
LVID systole (cm)	0.7
FS (%)	61

Doppler Measurements

PV Vmax (m/s)	0.94
AoV Vmax (m/s)	1.1
MR Vmax (m/s)	NM
TR Vmax (m/s)	3.0
TR PG (mmHg)	36

INTERPRETATION OF THE FINDINGS

Compared to the prior study, findings are similar. Trace mitral and mild tricuspid regurgitation are unchanged without significant left or right heart enlargement. Mild pulmonary hypertension is stable, and no additional issues are identified.

Continued assessment of progression in the future will help predict long term prognosis, which is highly variable at this stage (B1).

RECOMMENDATIONS

- Given these findings, no cardiac medications are indicated.
- Consider hydrocodone as needed.
- Omega fatty acid supplementation and mild salt restriction may be of some long-term benefit.



PATIENT

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- No cardiac contraindication for general anesthesia. Pre-oxygenate for five minutes and recover in O2 if possible. Mild IV fluid restriction is advised.
- Monitor for development of a progressive cough, labored breathing, exercise intolerance or collapse episodes.

SPECIES

Canine

PLAN

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

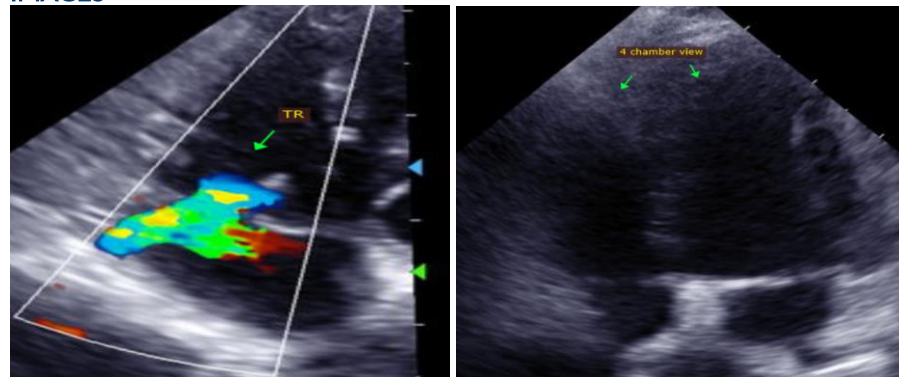
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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

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HOSPITAL NAME

Rhode Island Animal Medical Center

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

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