



PATIENT

Abbey Boyd

SPECIES

Canine

BREED

Golden Retriever

SEX

Female Spayed

AGE

8 years

WEIGHT

46.7lbs

INTERPRETED BY

Maggie Machen
Lamy, DVM
DACVIM (Cardiology)

IMAGING PERFORMED BY

Pamela Harrigan,
RDCS

HOSPITAL NAME

Wignall Animal
Hospital

REFERRING VET

Dr. Cringan

INVOICE

22264

DATE

12/2/21

PRESENTING CLINICAL SIGNS

History: Recheck history. History chronic valvular disease- Stage B1. Currently doing well at home. Grade II/VI systolic murmur.

-Pertinent previous echo findings (3-11-21 MML): LA 2.1cm; LA:Ao 1.1; LV 3.1cm, normal LA size, mild MR, mild TR (2.8 m/s), early pHTN. Has SARDS. No medications.

ECHOCARDIOGRAM FINDINGS

2D, m-mode, color flow and Doppler imaging is available.

Left ventricle: The LV diameter is mildly increased with adequate myocardial function. LV wall thicknesses are normal.

Left atrium: The left atrium is mildly enlarged.

Mitral valve: The mitral valve is mildly thickened with no prolapse into the left atrial lumen. Mild eccentric mitral regurgitation with a borderline velocity.

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 mildly thickened with mild septal prolapse and mild tricuspid regurgitation; velocity consistent with early pulmonary hypertension.

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 120bpm.

2-Dimensional Measurements

Ao diam (cm)	1.9
LA diam (cm)	2.5
LA:Ao (Swe)	1.3
IVS thickness (cm)	0.8
LVID diastole (cm)	3.8
PW thickness (cm)	0.8
LVID systole (cm)	2.3
FS (%)	39

Doppler Measurements

PV Vmax (m/s)	1.0
AoV Vmax (m/s)	1.5
MR Vmax (m/s)	6.0
TR Vmax (m/s)	2.6
TR PG (mmHg)	27

INTERPRETATION OF THE FINDINGS

Compared to the prior study there is slight progression. The left heart dimensions are both increased comparatively; however, remain safely within the mild category. The pulmonary pressures are unchanged and mitral and tricuspid regurgitation are similar quantitatively.

Given these findings, no medications remain indicated. 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 clearly indicated.
- Omega fatty acid supplementation and mild salt restriction may be of some long-term benefit.



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- No cardiac contraindication for general anesthesia.
- Monitor for development of a cough, labored breathing, exercise intolerance or collapse episodes.

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PLAN

- Recommend conservative monitoring with a recheck echocardiogram in 6-12 months, sooner if any development of clinical signs.

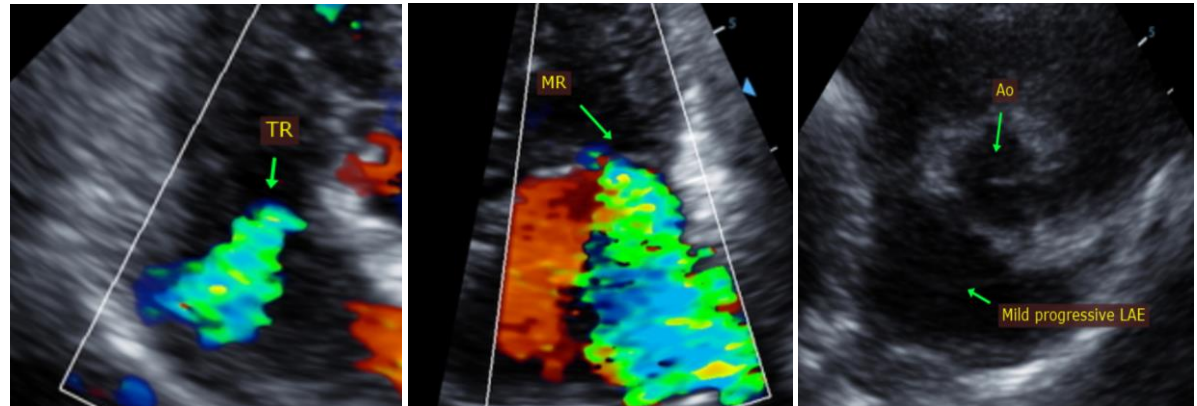
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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