



PATIENT

Hudson Pennington

SPECIES

Canine

BREED

Retriever Mix

SEX

Male Neutered

AGE

5 years

WEIGHT

62.1lbs

INTERPRETED BY

Maggie Machen Lamy, DVM DACVIM (Cardiology)

IMAGING PERFORMED BY

Pamela Harrigan, RDCS

HOSPITAL NAME

Mass Veterinary Services

REFERRING VET

Dr. Masloski

INVOICE

28997

DATE

2/15/23

PRESENTING CLINICAL SIGNS

History: Recheck echo. History normal cardiac structure and function on prior study done to assess for the presence of DCM vs normal variant in left ventricular function. Had been supplemented with taurine. Presently, Hudson is doing well with no clinical concerns. Good appetite and normal energy level (no exercise intolerance, collapse, or labored breathing). No murmur ausculted; lungs fields clear. BP: 110mmHg x 4. Current medications: Taurine 500mg, 2 capsules BID. *No sedation for study. -Pertinent previous echo measurements (3/16/22 MML): LA 2.4 cm; LA:Ao 1.1; LV 4.1.

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 mildly dilated.

Mitral valve: The mitral valve is diffusely thickened with mild prolapse into the left atrial lumen. Trivial eccentric mitral regurgitation with a normal 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 normal with trace tricuspid regurgitation; normal velocity.

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)	2.3
LA diam (cm)	2.3
LA:Ao (Swe)	1.0
IVS thickness (cm)	0.9
LVID diastole (cm)	3.1
PW thickness (cm)	0.8
LVID systole (cm)	2.8
FS (%)	32

Doppler Measurements

PV Vmax (m/s)	0.6
AoV Vmax (m/s)	1.5
MR Vmax (m/s)	NA
TR Vmax (m/s)	NA
TR PG (mmHg)	NA

INTERPRETATION OF THE FINDINGS

Persistently normal cardiac dimensions and function are identified. The systolic function is similar to the prior study, on the low-end of the normal range. No significant valve leaks are noted and no pathology identified.

Given these findings, continued monitoring is advised; however, this is certainly a good sign.

Prognosis is open.



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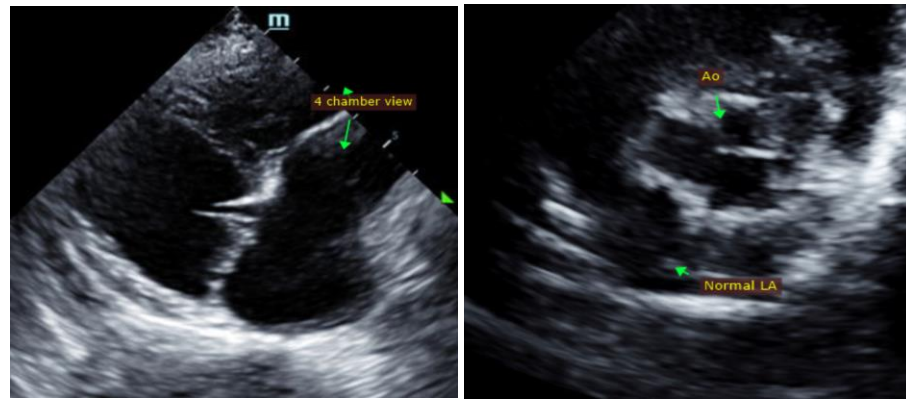
RECOMMENDATIONS

- No cardiac medications are indicated.
- Reasonable to continue Taurine 1000mg PO q12h.
- No cardiac contraindication for general anesthesia.
- Monitor for development of a murmur, cough, labored breathing, exercise intolerance or collapse episodes.

PLAN

- Recommend a recheck echocardiogram annually, sooner if any clinical signs arise.

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

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HOSPITAL NAME

Mass Veterinary Services

Echocardiogram performed by:

Pamela Harrigan, RDCS
Pet Animal Ultrasound Service (4paus.com)

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