



PATIENT

Daisy Partynski

SPECIES

Feline

BREED

DSH

SEX

Female Spayed

AGE

1.4 years

WEIGHT

9.38lbs

INTERPRETED BY

Maggie Machen
Lamy, DVM
DACVIM (Cardiology)

PRESENTING CLINICAL SIGNS

History: Recheck echo. History mitral valve dysplasia; tricuspid valve dysplasia, HOCM (historical, not obstructive on last echo; history sinus bradycardia. Current presentation: Daisy is doing well with a good appetite while remaining active and playful. On exam: NSR, grade III/VI murmur noted best on sternum, PSS, lung fields clear, compressible thorax. BP: 130mmHg x 5.

-Pertinent previous echo findings (12/14/21 Carley Saelinger, VMD, DACVIM-Cardiology): LA 1.0 cm; LA:Ao 1.11; IVS 0.55 cm; PW 0.57 cm; LVOT Vmax 1.12 m/s; normal LA size; LVH with regional variability. *No sedation for study

ECHOCARDIOGRAM FINDINGS

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

Left ventricle: The LV diameter is normal with adequate myocardial function. The LV wall thicknesses are normal. False tendon. The papillary muscles are normal. The endocardium appears normal.

Left atrium: The left atrium is normal in dimension. No obvious spontaneous contrast or thrombi seen.

Mitral valve: The mitral valve is mildly thickened. No obvious systolic anterior motion is seen. Trivial MR.

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: The right atrium is normal in 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 obvious congenital shunts. No pericardial or pleural effusion noted. No obvious cardiac masses.

IMAGING

PERFORMED BY

Pamela Harrigan,
RDCS

HOSPITAL NAME

Mass Veterinary
Services

REFERRING VET

Dr. Masloski

INVOICE

26093

DATE

8/30/22

2-Dimensional Measurements

Ao diam (cm)	1.0
LA diam (cm)	1.3
LA:Ao (Swe)	1.3
IVS thickness (cm)	0.37
LVID diastole (cm)	1.47
PW thickness (cm)	0.40
LVID systole (cm)	0.83
FS (%)	47

Doppler Measurements

PV Vmax (m/s)	0.62
AoV Vmax (m/s)	0.75
MR Vmax (m/s)	NA
TR Vmax (m/s)	NA
TR PG (mmHg)	NA

INTERPRETATION OF THE FINDINGS

Overtly normal cardiac structure and function. The LV wall thickness is normal and there is no evidence of elevated left atrial pressure. Previously noted mitral and tricuspid valve dysplasia could be argued in this case; however, hemodynamic significance appears minimal without significant regurgitation or an obstructive component. No hypertrophy is identified, although the LV is slightly more remodeled than is expected in a young cat. No additional issues are identified. No cause for the murmur is identified in this study.



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Based upon what is seen here, no indication for medications at this time. Prognosis is open as the overall dimensions and function appear normal.

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RECOMMENDATIONS

- Given these findings, no medications are indicated.
- No cardiac contraindication for general anesthesia.
- Monitor for any clinical evidence of cardiac compromise, including respiratory changes and/or signs of a blood clot event (paralysis, neurologic changes, etc.).

BREED

DSH

PLAN

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

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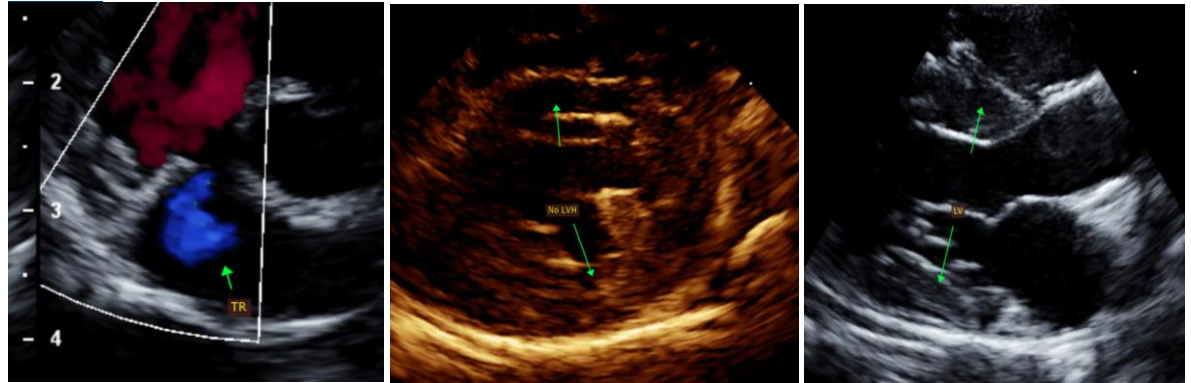
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IMAGES



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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.

IMAGING PERFORMED BY

Pamela Harrigan, RDCS

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.

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)

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