



PATIENT
River Vanchision

PRESENTING CLINICAL SIGNS
History: HCM screening exam.

SPECIES
Feline

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. There is a mildly hyperechoic endocardium consistent with fibrosis. Papillary muscles appear normal.

BREED
Maine Coon

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

SEX
Female

Mitral valve: The mitral valve is normal in structure and mobility with no MR seen. No obvious systolic anterior motion is seen.

AGE
1.5 years

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.

WEIGHT
13lbs

Right atrium: The right atrium is normal in dimension.

Tricuspid valve: The tricuspid valve appears normal with mild 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.

INTERPRETED BY
Maggie Machen
Lamy, DVM
DACVIM (Cardiology)

2-Dimensional Measurements

Doppler Measurements

Ao diam (cm)	1.0
LA diam (cm)	1.3
LA:Ao (Swe)	1.3
IVS thickness (cm)	0.4
LVID diastole (cm)	1.4
PW thickness (cm)	0.4
LVID systole (cm)	0.6
FS (%)	57

PV Vmax (m/s)	0.96
AoV Vmax (m/s)	1.2
MR Vmax (m/s)	NA
TR Vmax (m/s)	2.2
TR PG (mmHg)	20

IMAGING PERFORMED BY
Pamela Harrigan,
RDCS

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. Mild TR is noted which is typically physiologic in cats. Follow up is advised to ensure no progression is seen. No obvious congenital issues are identified.

HOSPITAL NAME
Mass Veterinary Services

REFERRING VET
Dr. Masloski

Given these findings, no medications are indicated. It is important to note that phenotypic HCM can develop at any phase of life in cats (particularly in this predisposed breed), and often does not accompany a heart murmur or PE abnormalities. Periodic screening is ideally recommended in all cats.

INVOICE
22450

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.).

DATE
2/8/22



PATIENT

River Vanchision

PLAN

Recommend recheck echocardiogram annually, sooner if a murmur, gallop or signs of cardiac compromise are noted.

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Feline

BREED

Maine Coon

SEX

Female

AGE

1.5 years

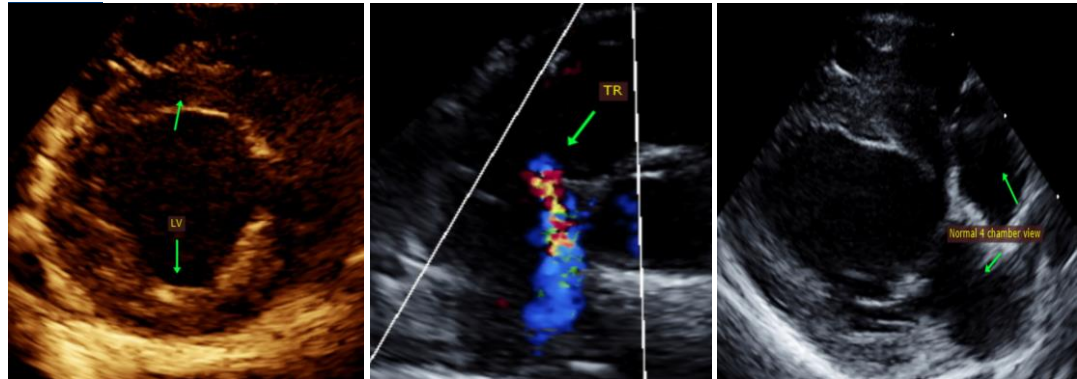
WEIGHT

13lbs

INTERPRETED BY

Maggie Machen
Lamy, DVM
DACVIM (Cardiology)

IMAGES



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.

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

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Pamela Harrigan,
RDCS

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