



PATIENT
Chaka 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 borderline with adequate myocardial function. The LV wall thicknesses are low normal. There is a mildly hyperechoic endocardium consistent with fibrosis. Papillary muscles appear mildly remodeled with mild fibrosis.

BREED
Maine Coon Cat

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

SEX

Female Intact

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

Aortic valve/Aorta: The aortic valve is normal in morphology and mobility. Normal aortic outflow velocity; laminar flow. No aortic insufficiency.

AGE

1.5 years

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 no 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 pericardial or pleural effusion noted. No obvious cardiac masses.

WEIGHT

13.75lbs

2-Dimensional Measurements

Doppler Measurements

Ao diam (cm)	0.93
LA diam (cm)	1.34
LA:Ao (Swe)	1.4
IVS thickness (cm)	0.4
LVID diastole (cm)	2.0
PW thickness (cm)	0.36
LVID systole (cm)	1.1
FS (%)	45

PV Vmax (m/s)	1.1
AoV Vmax (m/s)	1.3
MR Vmax (m/s)	NA
TR Vmax (m/s)	NA
TR PG (mmHg)	NA

INTERPRETED BY

Maggie Machen
Lamy, DVM
DACVIM (Cardiology)

INTERPRETATION OF THE FINDINGS

Essentially normal cardiac structure and function are documented in this study. The endocardium is more remodeled than is considered normal for a young cat; however, a normal variant is certainly possible. Additionally, the LA and LV are on the high end of normal. Follow up is advised to screen for any progressive changes. The systolic function is intact, and no additional issues are identified.

IMAGING PERFORMED BY

Pamela Harrigan,
RDCS

HOSPITAL NAME

Mass Veterinary Services

REFERRING VET

Dr. Masloski

Given these findings, no medications are indicated.

INVOICE

22363

This patient falls in the equivocal category with regards to breeding. This implies that there is not an obvious contraindication at this time; however, follow up for progressive changes over the next 6-12 months is strongly recommended. Should any progression be seen on serial examinations, breeding will become contraindicated. Consider an official OFA screening as the gold standard, particularly in an equivocal case.

DATE

2/4/22



PATIENT
Chaka Vanchision

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.

SPECIES
Feline

RECOMMENDATIONS

- Given these findings, no medications are indicated.
- No cardiac contraindication for general anesthesia.
- If patient is to be used for breeding, recommend reassess in 6-12 months prior to proceeding. The current status of the patient is considered equivocal. An OFA by an attending Cardiologist is considered the gold standard for breeding and should be considered in this instance.
- Monitor for any clinical evidence of cardiac compromise, including respiratory changes and/or signs of a blood clot event (paralysis, neurologic changes, etc.).

BREED
Maine Coon Cat

SEX
Female Intact

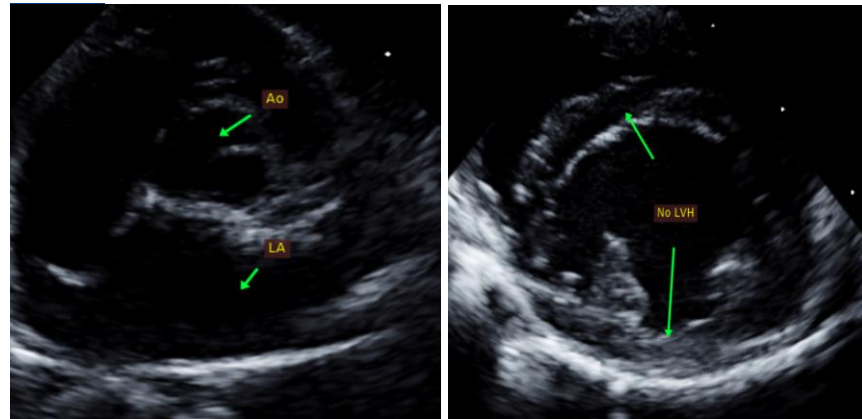
AGE
1.5 years

PLAN

- Recommend recheck echocardiogram in 6-12 months to screen for progression.

WEIGHT
13.75lbs

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.

IMAGING PERFORMED BY
Pamela Harrigan,
RDCS

HOSPITAL NAME
Mass Veterinary
Services

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.

REFERRING VET
Dr. Masloski

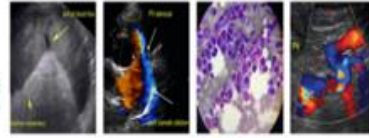
Maggie Machen Lamy, DVM
Diplomate of the American College of Veterinary Internal Medicine (Cardiology)
info@sonopath.com

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Echocardiogram performed by:

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

DATE
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Maine Coon Cat

SEX

Female Intact

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