

PATIENT

Baronessa Louw

PRESENTING CLINICAL SIGNS

History: HCM screening. Healthy cat. On exam: NSR, no murmurs noted, PSS, lung fields clear, compressible thorax, mm pink, moist, CRT<2. BP: 130 mmHg x 4 *No sedation for study.

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

Siberian

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

SEX

Female Intact

Mitral valve: The mitral valve is normal in structure and mobility with trivial MR seen. 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

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 trivial tricuspid regurgitation.

Pulmonic valve/Pulmonary artery: The pulmonic valve is normal in morphology and mobility. No pulmonic insufficiency. Normal RVOT velocity; laminar flow.

WEIGHT

11.13lbs

Pericardium/other: No pericardial or pleural effusion noted. No obvious cardiac masses.

Heart rhythm: ECG reveals a sinus rhythm with an average HR of 190bpm.

INTERPRETED BY

Maggie Machen
Lamy, DVM
DACVIM (Cardiology)

2-Dimensional Measurements

Ao diam (cm)	1.0
LA diam (cm)	1.1
LA:Ao (Swe)	1.1
IVS thickness (cm)	0.38
LVID diastole (cm)	1.4
PW thickness (cm)	0.41
LVID systole (cm)	0.76
FS (%)	50

Doppler Measurements

PV Vmax (m/s)	0.8
AoV Vmax (m/s)	0.9
MR Vmax (m/s)	NA
TR Vmax (m/s)	NA
TR PG (mmHg)	NA

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. No obvious congenital issues are identified.

HOSPITAL NAME

Mass Veterinary Services

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.

REFERRING VET

Dr. Masloski

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.).

INVOICE

29755

DATE

3/22/23



PATIENT

Baronessa Louw

PLAN

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

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BREED

Siberian

SEX

Female Intact

AGE

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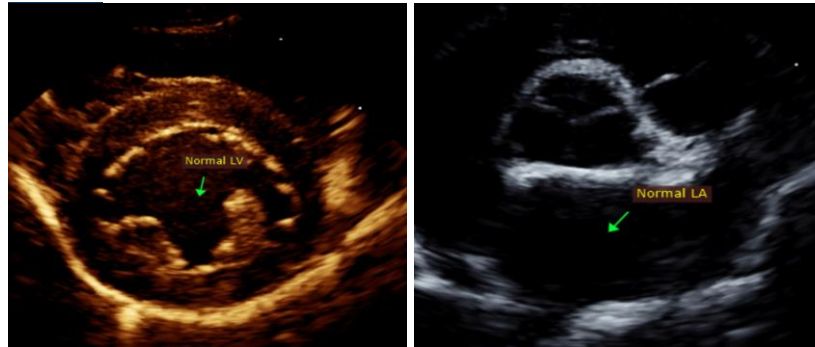
WEIGHT

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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.

Maggie Machen Lamy, DVM

Diplomate of the American College of Veterinary Internal Medicine (Cardiology)

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Echocardiogram performed by:

Pamela Harrigan, RDCS

Pet Animal Ultrasound Service (4paus.com)

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Pamela Harrigan,
RDCS

HOSPITAL NAME

Mass Veterinary
Services

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