



PATIENT

Dee Dee Ferreira

SPECIES

Feline

BREED

DSH

SEX

Female Spayed

AGE

10 years

WEIGHT

9lbs

INTERPRETED BY

Maggie Machen
Lamy, DVM
DACVIM (Cardiology)

IMAGING PERFORMED BY

Pamela Harrigan,
RDCS

HOSPITAL NAME

Mass Veterinary Services

REFERRING VET

Dr. Masloski

INVOICE

28063

DATE

1/3/23

PRESENTING CLINICAL SIGNS

History: DeeDeeDee has no history of heart murmur or clinical signs suggestive of heart disease. Is in need of dental proph. Owner had another cat who did not recover from anesthesia during a dental and was found to have HCM on necropsy. She is eating well with normal activity level. On exam: NSR, no murmurs noted, PSS, lung fields clear, compressible thorax, mm pink, moist, CRT<2. BP: 160mmHg x 5. *Sedated with propofol 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 dimensions are normal. There is mild fibrosis of the endocardium. The endocardium appears mildly remodeled. The papillary muscles appear hyperechoic and normal in dimension.

Left atrium: The left atrium is normal. No obvious smoke or thrombi seen.

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

Heart rhythm: ECG reveals a sinus rhythm with an average HR of 150bpm.

2-Dimensional Measurements

Ao diam (cm)	1.0
LA diam (cm)	1.2
LA:Ao (Swe)	1.2
IVS thickness (cm)	0.39
LVID diastole (cm)	1.1
PW thickness (cm)	0.39
LVID systole (cm)	0.5
FS (%)	55

Doppler Measurements

PV Vmax (m/s)	0.42
AoV Vmax (m/s)	0.6
MR Vmax (m/s)	NA
TR Vmax (m/s)	NA
TR PG (mmHg)	NA

INTERPRETATION OF THE FINDINGS

Normal geriatric cardiac structure and function. The LV wall thickness is normal and there is no evidence of elevated left atrial pressure. The LV is remodeled with a normal age-related finding. No additional issues are identified.

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



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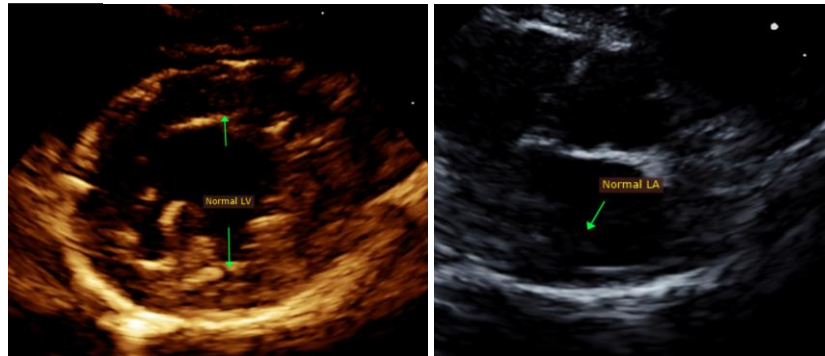
RECOMMENDATIONS

- 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.).

PLAN

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

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.

INTERPRETED BY

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DACVIM (Cardiology)

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IMAGING PERFORMED BY

Pamela Harrigan, RDCS

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

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