



PATIENT
Clem Thompson

PRESENTING CLINICAL SIGNS

History: Clem is referred to evaluate a heart murmur. Good appetite and maintains a normal activity level. On exam: NSR, grade III/VI parasternal murmur, PSS, lung fields clear, compressible thorax. BP: 170-180mmHg. *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 dimensions are normal. There is a mild fibrosis of the endocardium. The endocardium appears mildly remodeled. The papillary muscles appear normal.

BREED
DSH

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

SEX

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

Male Neutered

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

AGE

Right ventricle: Normal right ventricular diameter and morphology indicating no overt evidence of pulmonary arterial hypertension.

16 years

Right atrium: The right atrium is normal in dimension.

Tricuspid valve: The tricuspid valve appears normal with no tricuspid regurgitation.

WEIGHT

16.75lbs

Pulmonic valve/pulmonary artery: The pulmonic valve is normal in morphology and mobility. No pulmonic insufficiency. An elevated RVOT velocity is seen on color flow, 2D and Spectral doppler with a dynamic profile.

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

Heart rhythm: ECG reveals a sinus rhythm with an average HR of 200bpm.

INTERPRETED BY

Maggie Machen
Lamy, DVM
DACVIM (Cardiology)

2-Dimensional Measurements

Ao diam (cm)	1.2
LA diam (cm)	1.3
LA:Ao (Swe)	1.1
IVS thickness (cm)	0.50
LVID diastole (cm)	1.7
PW thickness (cm)	0.52
LVID systole (cm)	0.60
FS (%)	65

Doppler Measurements

PV Vmax (m/s)	2.0
AoV Vmax (m/s)	1.4
MR Vmax (m/s)	NA
TR Vmax (m/s)	NA
TR PG (mmHg)	NA

IMAGING PERFORMED BY

Pamela Harrigan,
RDCS

HOSPITAL NAME

Mass Veterinary Services

INTERPRETATION OF THE FINDINGS

Overtly normal geriatric cardiac structure and function are identified. Mild remodeling fibrosis of the left ventricular wall is noted, which is likely a normal age-related variant. No significant valve leaks are noted, and flow through the great vessels is normal in velocity. A dynamic RVOT is noted which is a benign cause of murmurs in cats. This finding is exacerbated by tachycardia and/or volume changes (both present in this case).

REFERRING VET

Dr. Masloski

RECOMMENDATIONS

- Given these findings, no medications are indicated.
- No cardiac contraindication for general anesthesia. Should fluid or steroid therapy be indicated in the future, any senior cat should be monitored for intolerance (changes in RR/RE).
- Monitor at home for signs of cardiac compromise, including respiratory changes and/or signs of a blood clot event (paralysis, neurologic changes).

INVOICE
23920

DATE
4/27/22



PATIENT

Clem Thompson

PLAN

- Recommend recheck echocardiogram in 1 year to assess for any progressive issues or development of disease the pre-existing murmur may mask.

SPECIES

Feline

BREED

DSH

SEX

Male Neutered

AGE

16 years

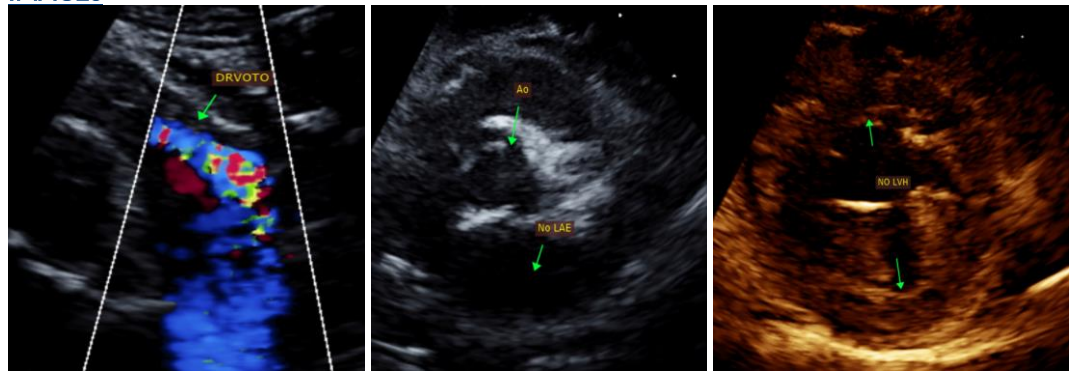
WEIGHT

16.75lbs

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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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RDCS

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