

RESENTING CLINICAL SIGNS

DATE History: Grade 4/6 parasternal murmur. Diagnosed with HCM two years ago.

4/28/23 **ECHOCARDIOGRAPHIC FINDINGS**
2D, M-mode, and Doppler study.

PERFORMED BY: Left atrial size is normal. There is borderline mild left ventricular hypertrophy. Left ventricular internal dimensions are normal. Left ventricular systolic function is hyperdynamic. There is 2D evidence of systolic anterior motion of the mitral valve chordae tendinae. The aorta and aortic valve appear normal. Right atrial and right ventricular dimensions are normal. The tricuspid valve appears normal. The pulmonary artery and pulmonic valve appear normal. No shunting lesions are visualized. No pericardial effusion or cardiac masses are seen.

Dr. Eileen Jenkins
INTERPRETED BY
Keith Blass, DVM,
MS, DACVIM
(Cardiology)

LA – 10.9 mm
IVSd – 5.5 mm
LVPWd – 5.5 mm
LVIDd – 8.9 mm
LVIDs – 3.3 mm
FS – 62.9%
RA – 6.2 mm
LVOT – 3.04 m/s
RVOT – 1.23 m/s

PATIENT

Francine Mason

SPECIES **ELECTROCARDIOGRAPHIC FINDINGS**

Feline A six lead ECG is submitted for review.

HR: 230 bpm
Rhythm: Sinus

BREED

DSH Sinus tachycardia is present throughout this recording. The MEA is normal. All complex amplitudes and intervals are within normal limits. No premature beats or conduction blocks are seen.

RADIOGRAPHIC FINDINGS

SEX Three-view thoracic radiographs are submitted for review.

FS The cardiac silhouette appears normal for a cat this age. The pulmonary vessels are within normal limits. The pulmonary parenchyma and pleural space are within normal limits. The trachea is normal. The remainder of the thorax is unremarkable.

AGE

11 y **ASSESSMENT/RECOMMENDATIONS**

WEIGHT Francine’s echocardiogram is equivocal for the presence of her previously diagnosed HCM, as she has borderline mild hypertrophy of her left ventricular walls. If mild pathologic hypertrophy is present, the hemodynamic effects of it appear to be mild at present, as Francine does not have secondary dilation of her left atrium, indicating that her current risk for the development of congestive heart failure and/or thromboembolic disease appears to be fairly low.

2.9 kg

HOSPITAL NAME

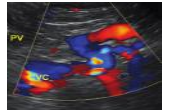
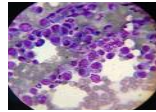
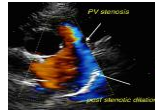
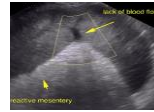
Huntsville Vet. Spec.
& Emergency

Francine’s murmur appears to be due to the presence of systolic anterior motion of her mitral valve chordae tendinae, which is creating some degree of dynamic obstruction to flow in her left ventricle.

No abnormalities are seen in Francine’s ECG or thoracic radiographs.

REFERRING VET

Dr. Jenkins



No therapy is recommended based on these exams.

DATE

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A recheck echocardiogram is recommended in 12 months, sooner if new clinical signs compatible with cardiac dysfunction develop.

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PATIENT

Francine Mason



SPECIES

Feline

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. If the clinical or image interpretation does not parallel your findings or if I can be of any further assistance please contact me.

BREED

DSH

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SEX

FS

AGE

11 y

WEIGHT

2.9 kg

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REFERRING VET

Dr. Jenkins