



PRESENTING CLINICAL SIGNS

History: New grade 2-3 murmur. Elevated BNP.

DATE

10/13/22

ECHOCARDIOGRAPHIC FINDINGS

2D, M-mode, and Doppler study.

PERFORMED BY:

Amy Mayhew, LVT

INTERPRETED BY

Keith Blass, DVM,
MS, DACVIM
(Cardiology)

Left atrial size is normal. The mitral valve is normal. There is mild symmetrical left ventricular hypertrophy. Left ventricular internal dimensions are normal. Left ventricular systolic function is hyperdynamic. The aorta and aortic valve appear normal, though there is mildly increased flow velocity in the ascending aorta. Right atrial and right ventricular dimensions are normal. The tricuspid valve is normal. There is mild dynamic obstruction to flow in the right ventricular outflow tract. The pulmonary artery and pulmonic valve are normal. No shunting lesions are visualized. No pericardial effusion or cardiac masses are seen.

PATIENT

Sophie Jones

LA/Ao - 1.23
IVSd - 6.0 mm
LVPWd - 6.1 mm
LVIDd - 12.3 mm
LVIDs - 5.3 mm
FS - 56.9%
LVOT - 1.66 m/s
RVOT - 1.70 m/s

SPECIES

Feline

ASSESSMENT/RECOMMENDATIONS

Hypertrophic cardiomyopathy (HCM)

This examination demonstrates mild hypertrophy of Sophie's left ventricular walls, consistent with the presence of HCM. The hemodynamic effects of the hypertrophy appear to be mild, as Sophie does not have secondary dilation of her left atrium, indicating that her current risk for the development of congestive heart failure and/or cardiac thrombus formation appears to be low.

BREED

DSH

Sophie's murmur appears to be due to the presence of mildly increased flow velocity in her great vessels, which is a common reason for a functional/innocent murmur to develop in cats.

SEX

No therapy is recommended at this stage of disease.

FS

A recheck echocardiogram is recommended in ~6 months to monitor for disease progression.

AGE

2 y

WEIGHT

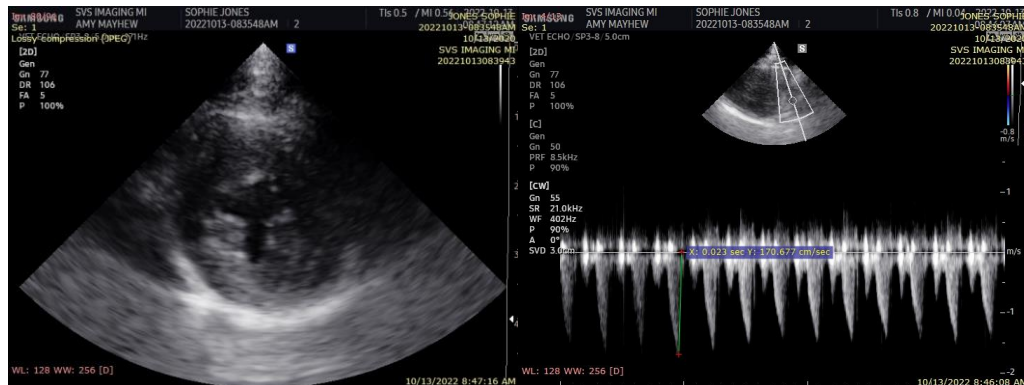
10.5 lb

HOSPITAL NAME

SVS Imaging MI

REFERRING VET

Pincrest AH





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.

DATE

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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.

PERFORMED BY:

Amy Mayhew, LVT

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Keith Blass, DVM,
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PATIENT

Sophie Jones

SPECIES

Feline

BREED

DSH

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AGE

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WEIGHT

10.5 lb

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SVS Imaging MI

REFERRING VET

Pinecrest AH