



PRESENTING CLINICAL SIGNS

DATE History: Grade IV murmur. Asymptomatic.

ECHOCARDIOGRAPHIC FINDINGS

8/18/23 2D, M-mode, and Doppler study.

PERFORMED BY:

Dr. Meredith Swart

INTERPRETED BY

Keith Blass, DVM,
MS, DACVIM
(Cardiology)

There is mild to moderate left atrial dilation. The mitral valve leaflets are thickened and exhibit systolic prolapse. A mild to moderate jet of eccentric mitral regurgitation is present. There is mild to moderate left ventricular dilation. Left ventricular systolic function is normal. The aorta and aortic valve are normal. Right atrial and right ventricular dimensions are normal. The tricuspid valve leaflets are mildly thickened, and there is Doppler evidence of tricuspid regurgitation present. TR velocity does not suggest the presence of pulmonary hypertension. The pulmonary artery and pulmonic valve are normal. No shunting lesions are visualized. No heartworms are visualized. No pericardial effusion or cardiac masses are seen.

PATIENT

Lucy Sarcuni

LA - 41.9 mm
LVIDd - 42.1 mm
LVIDs - 25.4 mm
FS - 39.6%
RA - 24.9 mm
LVOT - 1.38 m/s
RVOT - 0.94 m/s
TR - 2.61 m/s

SPECIES

Canine

ASSESSMENT/RECOMMENDATIONS

Degenerative mitral and tricuspid valve disease

BREED

Terrier Mix

This examination demonstrates regurgitation of blood across Lucy's mitral and tricuspid valves resulting from degenerative valve disease. Lucy's tricuspid valve disease is mild, and appears to be well-compensated at this time. Her mitral valve disease is more advanced, as Lucy has mild to moderate secondary dilation of both her left atrium and left ventricle. Lucy's mitral valve disease is still compensated, however, its severity indicates that she is at risk for the development of clinical signs secondary to it, such as coughing, exercise intolerance, syncope, and labored breathing, therefore, careful monitoring for these is recommended.

SEX

MN

I recommend starting Lucy on pimobendan (5 mg am, 2.5 mg pm), as this medication should help to slow the progression of her mitral valve disease.

AGE

~11 y

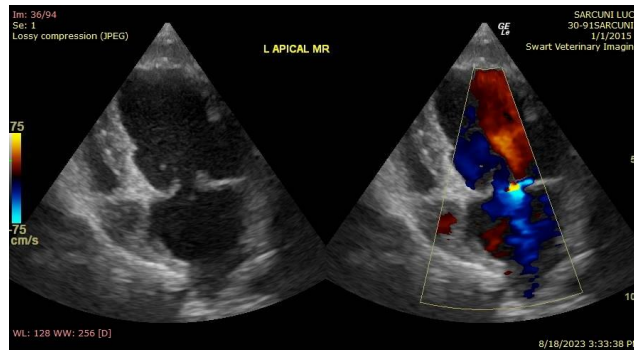
A recheck echocardiogram is recommended in 9 months. Thoracic radiographs are recommended if Lucy experiences respiratory clinical signs.

WEIGHT

30 lb

HOSPITAL NAME

Swart Veterinary
Imaging



REFERRING VET

Dr. Swart

The information and recommendations provided are based on the images presented by the



DATE referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

8/18/23 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: Keith Blass, DVM, MS, DACVIM (Cardiology)
Dr. Meredith Swart KeithBlass@gmail.com
631-804-5754

INTERPRETED BY

Keith Blass, DVM,
MS, DACVIM
(Cardiology)

PATIENT

Lucy Sarcuni

SPECIES

Canine

BREED

Terrier Mix

SEX

MN

AGE

~11 y

WEIGHT

30 lb

HOSPITAL NAME

Swart Veterinary
Imaging

REFERRING VET

Dr. Swart