
RESENTING CLINICAL SIGNS
DATE History: Heart murmur present for over a year. Possible lethargy.

ECHOCARDIOGRAPHIC FINDINGS

2D, M-mode, and Doppler study.

PERFORMED BY: Left atrial size appears normal. Left ventricular wall thickness is normal. Left ventricular internal dimensions are normal. Left ventricular systolic function is hyperdynamic. There is systolic anterior motion of the mitral valve leaflets creating dynamic obstruction to flow in the left ventricular outflow tract, with mild secondary mitral regurgitation. The aorta and aortic valve appear normal. Right atrial and right ventricular dimensions are normal. The tricuspid valve is normal. The pulmonary artery and pulmonic valve appear normal. No pericardial effusion or cardiac masses are seen.

Dr. Meredith Swart

INTERPRETED BY

 Keith Blass, DVM,
 MS, DACVIM
 (Cardiology)

 IVSd – 4.8 mm
 IVSd – 4.5 mm
 LVIDd – 13.0 mm
 LVIDs – 5.7 mm
 FS – 56%

PATIENT

Angel Johonnot

ASSESSMENT/RECOMMENDATIONS

Mitral valve dysplasia (MVD)

SPECIES

Feline

This examination demonstrates systolic anterior motion (SAM) of Angel's mitral valve leaflets, consistent with valvular dysplasia. The hemodynamic effects of the subsequent dynamic obstruction to flow in Angel's left ventricular outflow tract and mitral regurgitation appear to be mild at present, as she does not have secondary hypertrophy of her left ventricle or dilation of her left atrium. Given this, Angel's current risks for the development of congestive heart failure and/or thromboembolic disease appear to be low, and no reason for her possible lethargy is appreciated in the image set.

BREED

DSH

I recommend starting Angel on atenolol (6.25 mg BID), as this medication should reduce the severity of her SAM, and, thus, decrease her risk for developing left ventricular hypertrophy.

SEX

FS

A recheck echocardiogram is recommended in 6 months, sooner if new clinical signs compatible with cardiac dysfunction develop.

AGE

2 y

WEIGHT

9.4 lb

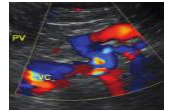
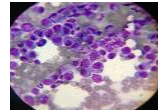
HOSPITAL NAME

 Swart Veterinary
 Imaging

REFERRING VET

Dr. Swart

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

10/13/21

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)
KeithBlass@gmail.com
631-804-5754

Dr. Meredith Swart

INTERPRETED BY

Keith Blass, DVM,
MS, DACVIM
(Cardiology)

PATIENT

Angel Johonnot

SPECIES

Feline

BREED

DSH

SEX

FS

AGE

2 y

WEIGHT

9.4 lb

HOSPITAL NAME

Swart Veterinary
Imaging

REFERRING VET

Dr. Swart