



**PRESENTING CLINICAL SIGNS**

**DATE** History: Murmur. Was receiving amlodipine and telmisartan for systemic hypertension, however medications were discontinued. Following this, experienced a few episodes of collapse.  
8/9/22

**ECHOCARDIOGRAPHIC FINDINGS**

2D, M-mode, and Doppler study.

**PERFORMED BY:** There is mild left atrial dilation. The mitral valve leaflets are thickened and exhibit mild systolic prolapse. A mild to moderate jet of eccentric mitral regurgitation is present. There is mild left ventricular dilation. Left ventricular systolic function is hyperdynamic. The aorta and aortic valve are normal. There is mild to moderate right atrial dilation. Right ventricular dimensions are normal. The tricuspid valve appears normal, though trace tricuspid regurgitation is present. The pulmonary artery and pulmonic valve appear normal. No shunting lesions are visualized. No pericardial effusion or cardiac masses are seen.  
Dr. Meredith Swart

**INTERPRETED BY**  
Keith Blass, DVM,  
MS, DACVIM  
(Cardiology)

**PATIENT**  
Andy Solomon  
LA - 33.8 mm  
LVIDd - 32.6 mm  
LVIDs - 17.1 mm  
FS - 47.5%  
RA - 19.5 mm  
LVOT - 1.94 m/s

**SPECIES** **ASSESSMENT/RECOMMENDATIONS**  
Canine Degenerative mitral valve disease

**BREED** This examination demonstrates mild to moderate regurgitation of blood across Andy's mitral valve resulting from degenerative valve disease. Secondary to his regurgitation, Andy has mild dilation of both his left atrium and left ventricle, though his left ventricular systolic function is well-preserved. As only mild left heart chamber dilation is present, Andy's current risk for the development of congestive heart failure appears to be relatively low, and it's unlikely that his mitral valve disease is the cause of his collapsing episodes.  
Australian Terrier

**SEX** I recommend starting Andy on pimobendan (2.5 mg BID), as this medication should help to slow the progression of his mitral valve disease, as well as decrease his risk for syncope secondary to his mitral regurgitation.  
**MN**

**AGE** A Holter and/or event monitor may be warranted if Andy experiences additional syncopal episodes. A recheck echocardiogram is recommended in 6-9 months. Thoracic radiographs are recommended if Andy experiences respiratory clinical signs.  
14 y

**WEIGHT**  
21.8 lb

**HOSPITAL NAME**  
Swart Veterinary  
Imaging

**REFERRING VET**  
Dr.Swart



DATE

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PATIENT

Andy Solomon

SPECIES

Canine

BREED

Australian Terrier

SEX

MN

AGE

14 y

WEIGHT

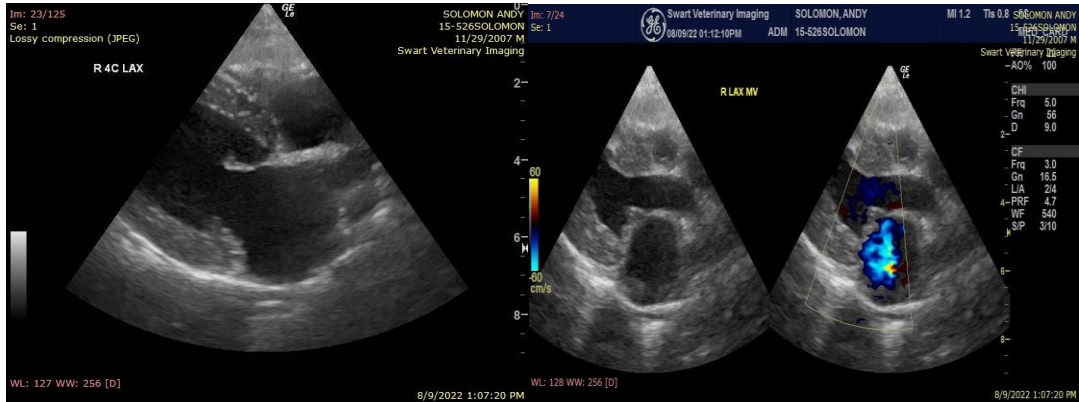
21.8 lb

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.

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.

Keith Blass, DVM, MS, DACVIM (Cardiology)  
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