



**RESENTING CLINICAL SIGNS**

**DATE** History: Grade II/VI murmur. Radiographs suggestive of cardiomegaly.

**8/20/21** **ECHOCARDIOGRAPHIC FINDINGS**  
2D, M-mode, and Doppler study.

**PERFORMED BY:** There is borderline mild left atrial dilation. The mitral valve leaflets are mildly thickened, and there is Doppler evidence of mitral regurgitation present. There is borderline mild left ventricular dilation. Left ventricular systolic function is mildly 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 appears normal, though trace tricuspid regurgitation is present. The pulmonary artery and pulmonic valve are normal. No shunting lesions are visualized. No pericardial effusion or cardiac masses are seen.

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

**PATIENT**  
Rosie Hiott  
LA - 27.7 mm  
LVIDd - 27.7 mm  
LVIDs - 15.6 mm  
FS - 43.7%  
RA - 15.7 mm  
LVOT - 2.04 m/s  
RVOT - 1.08 m/s  
TR - 2.21 m/s

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

**BREED** This examination demonstrates regurgitation of blood across Rosie's mitral valve resulting from degenerative valve disease. The hemodynamic effects of the regurgitation appear to be relatively mild, as Rosie has only borderline mild secondary dilation of both her left atrium and left ventricle, and her left ventricular systolic function is well-preserved. Given the absence of more significant cardiac remodeling, Rosie's mitral valve disease appears to be well-compensated, and her current risk for the development of clinical signs secondary to it appears to be low.

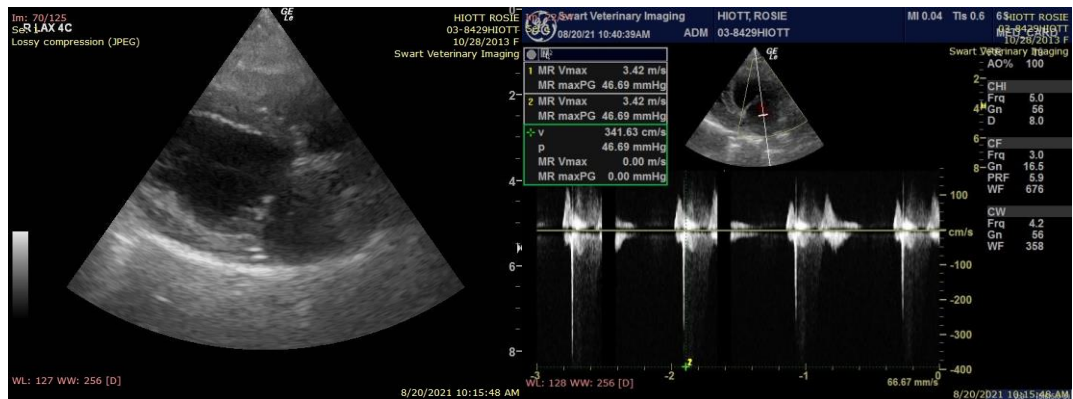
**SEX** No therapy is recommended at this stage of disease.

**FS** A recheck echocardiogram is in 6 months to monitor for disease progression.

**AGE**  
7 y

**WEIGHT**  
16.6 lb

**HOSPITAL NAME**  
Swart Veterinary  
Imaging



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

Dr. Swart



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

8/20/21 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)  
Dr. Meredith Swart KeithBlass@gmail.com  
631-804-5754

**INTERPRETED BY**

Keith Blass, DVM,  
MS, DACVIM  
(Cardiology)

**PATIENT**

Rosie Hiott

**SPECIES**

Canine

**BREED**

Westie

**SEX**

FS

**AGE**

7 y

**WEIGHT**

16.6 lb

**HOSPITAL NAME**

Swart Veterinary  
Imaging

**REFERRING VET**

Dr. Swart