

**RESENTING CLINICAL SIGNS**

**DATE** History: Recent history of exercise intolerance. Possible syncopal episodes.

10/19/21

**ECHOCARDIOGRAPHIC FINDINGS**

2D, M-mode, and Doppler study.

**PERFORMED BY:**

Dr. Meredith Swart

There is moderate left atrial dilation. The mitral valve leaflets are thickened and exhibit systolic prolapse. A moderate jet of eccentric mitral regurgitation is present. There is moderate left ventricular dilation. Left ventricular systolic function is hyperdynamic. The aorta and aortic valve are normal. Right atrial and right ventricular dimensions are normal. The tricuspid valve is normal. The pulmonary artery and pulmonic valve are normal. No pericardial effusion or cardiac masses are seen.

**INTERPRETED BY**

Keith Blass, DVM,  
MS, DACVIM  
(Cardiology)

LA - 29.2 mm  
LVIDd - 29.0 mm  
LVIDs - 15.8 mm  
FS - 45.5%  
LVOT - 1.35 m/s  
RVOT - 0.79 m/s

**PATIENT**

Princess Windsor

**ASSESSMENT/RECOMMENDATIONS**

Degenerative mitral valve disease

**SPECIES**

Canine

This examination demonstrates moderate regurgitation of blood across Princess' mitral valve resulting from degenerative valve disease. Secondary to her regurgitation, Princess has moderate dilation of both her left atrium and left ventricle, though her left ventricular systolic function is well-preserved. Given the presence of moderate left atrial dilation, it's possible that Princess' mitral valve disease could be the cause of her exercise intolerance and syncopal episodes, though a concurrent contribution from another disease cannot be ruled out. Princess is also at risk for the development of left-sided congestive heart failure, therefore, careful monitoring of her respiratory rate/effort is recommended.

**BREED**

Bichon Frise

**SEX**

FS

I recommend starting Princess on pimobendan (1.25 mg BID), as this medication should help to slow the progression of her mitral valve disease, improve her exercise capacity if her current intolerance is cardiogenic in origin, and decrease her risk for syncope secondary to her mitral regurgitation.

**AGE**

14 y

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

**WEIGHT**

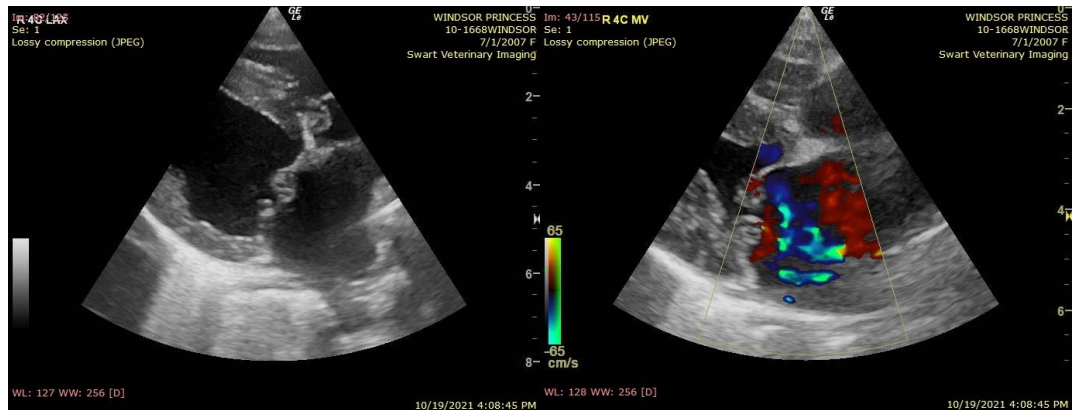
10 lb

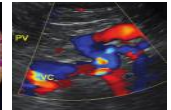
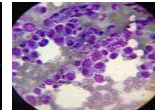
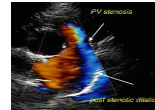
**HOSPITAL NAME**

Swart Veterinary  
Imaging

**REFERRING VET**

Dr. Swart





**DATE**

10/19/21

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.

**PERFORMED BY:**

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.

Dr. Meredith Swart

**INTERPRETED BY**

**Keith Blass, DVM, MS, DACVIM (Cardiology)**  
KeithBlass@gmail.com  
631-804-5754

Keith Blass, DVM,  
MS, DACVIM  
(Cardiology)

**PATIENT**

Princess Windsor

**SPECIES**

Canine

**BREED**

Bichon Frise

**SEX**

FS

**AGE**

14 y

**WEIGHT**

10 lb

**HOSPITAL NAME**

Swart Veterinary  
Imaging

**REFERRING VET**

Dr. Swart