



**PRESENTING CLINICAL SIGNS**

History: "Squeaky" murmur ausculted.

**DATE**

1/27/23

**ECHOCARDIOGRAPHIC FINDINGS**

2D, M-mode, and Doppler study.

**PERFORMED BY:**

Kim Liedberg

**INTERPRETED BY**

Keith Blass, DVM,  
MS, DACVIM  
(Cardiology)

Left atrial size is normal. The mitral valve leaflets are mildly thickened and exhibit systolic prolapse. There is Doppler evidence of mitral regurgitation present. Left ventricular dimensions are normal. Left ventricular systolic function is normal. 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.

LA - 35.1 mm  
LVIDd - 33.0 mm  
LVIDs - 19.2 mm  
FS - 41.8%  
RA - 21.4 mm  
LVOT - 2.06 m/s  
RVOT - 1.33 m/s

**PATIENT**

Jessie Exner

**ELECTROCARDIOGRAPHIC FINDINGS**

A single lead ECG is submitted for review.

**SPECIES**

Canine

HR: 130 bpm  
Rhythm: Sinus

**BREED**

Brittany Spaniel

Normal sinus rhythm and sinus arrhythmia are present in this recording. All complex amplitudes and intervals are within normal limits. No premature beats or conduction blocks are seen.

**ASSESSMENT/RECOMMENDATIONS**

Degenerative mitral valve disease

**SEX**

FS

**AGE**

8 y

This examination demonstrates regurgitation of blood across Jessie's mitral valve resulting from degenerative valve disease. The hemodynamic effects of the regurgitation appear to be mild, as Jessie does not have secondary dilation of either of her left heart chambers, and her left ventricular systolic function is well-preserved. As such, Jessie's mitral valve disease appears to be well-compensated, and her current risk for the development of clinical signs secondary to it, such as coughing, exercise intolerance, syncope, and labored breathing, appears to be low.

No abnormalities are appreciated in Jessie's ECG.

No therapy is recommended at this stage of disease.

**WEIGHT**

51 lb

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

**HOSPITAL NAME**

SVS Imaging WI

**REFERRING VET**

Dr. Beyer



DATE

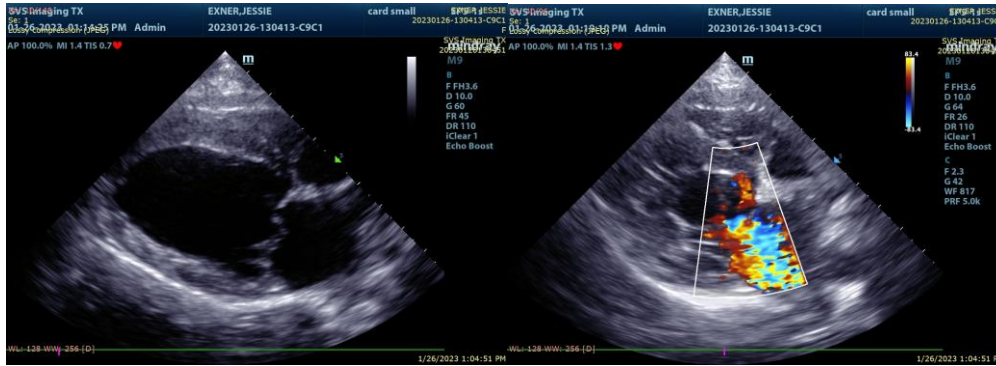
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

PATIENT

Jessie Exner

Keith Blass, DVM, MS, DACVIM (Cardiology)  
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631-804-5754

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