



**PRESENTING CLINICAL SIGNS**

History: Grade 2-3/6 murmur. Exercise intolerance when hot outside. Long-standing mild cough when pulled hard on leash.

**DATE**

5/23/22

**ECHOCARDIOGRAPHIC FINDINGS**

2D, M-mode, and Doppler study.

**PERFORMED BY:**

Dr. Fred Gromalak

**INTERPRETED BY**

Keith Blass, DVM,  
MS, DACVIM  
(Cardiology)

There is mild left atrial dilation. The mitral valve leaflets are mildly thickened, and a mild to moderate jet of mitral regurgitation is present. There is borderline mild left ventricular dilation. Left ventricular systolic function is normal. The aorta and aortic valve are normal. Right atrial and right ventricular dimensions are normal. The tricuspid valve is normal. The pulmonary artery and pulmonary are normal. No shunting lesions are visualized. No pericardial effusion or cardiac masses are seen.

LA - 35.9 mm  
LVIDd - 32.1 mm  
LVIDs - 21.1 mm  
FS - 34.2%  
RA - 20.2 mm  
LVOT - 0.91 m/s  
RVOT - 0.54 m/s

**PATIENT**

Merit Oilschlager

**ASSESSMENT/RECOMMENDATIONS**

**SPECIES**

Degenerative mitral valve disease

Canine

**BREED**

Border Collie

This examination demonstrates mild to moderate regurgitation of blood across Merit's mitral valve resulting from degenerative valve disease. Secondary to her regurgitation, Merit has mild dilation of her left atrium, as well as borderline mild dilation of her left ventricle, though her left ventricular systolic function is normal. As only mild left atrial dilation is present, it's unlikely that Merit's mitral valve disease is contributing to her cough or heat-associated exercise intolerance, and her current risk for the development of left-sided congestive heart failure appears to be relatively low.

**SEX**

FS

I recommend starting Merit on pimobendan (5 mg am, 2.5 mg pm), as this medication should help to slow the progression of her mitral valve disease, and may help to improve her exercise tolerance if any of her current intolerance is related to her cardiac disease.

**AGE**

12 y

A recheck echocardiogram is recommended in ~9 months to monitor for disease progression. Thoracic radiographs are recommended if Merit's cough worsens, or if she experiences labored breathing.

**WEIGHT**

30 lb

**HOSPITAL NAME**

SVS Imaging

**REFERRING VET**

Dr. Gromalak



DATE

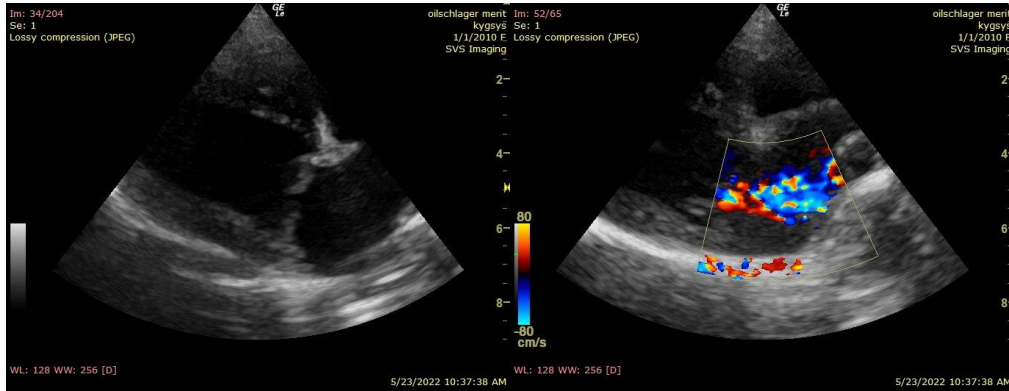
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

PATIENT

Merit Oilschlager

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.

SPECIES

Canine

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

BREED

Border Collie

SEX

FS

AGE

12 y

WEIGHT

30 lb

HOSPITAL NAME

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