


**PRESENTING CLINICAL SIGNS**

History: Presented with kennel cough. Started on doxycycline, Hycodan, and Baytril with no resolution. No murmur. Previously received a grain free diet but stopped eating it in 2019. Radiographs show cardiomegaly.

**DATE**

1/27/23

**ECHOCARDIOGRAPHIC FINDINGS**

2D, M-mode, and Doppler study.

**PERFORMED BY:**

Kim Liedberg

Left atrial size is normal. The mitral valve appears normal, though very mild mitral regurgitation is present. Left ventricular dimensions are normal. 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 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)

LA - 42.1 mm  
 LVIDd - 44.8 mm  
 LVIDs - 31.5 mm  
 FS - 29.6%  
 RA - 31.5 mm  
 LVOT - 1.35 m/s  
 RVOT - 1.47 m/s

**PATIENT**

Maemers Sheppard

**ELECTROCARDIOGRAPHIC FINDINGS**

A single lead ECG is submitted for review.

**SPECIES**

Canine

HR: 145 bpm  
 Rhythm: Sinus

**BREED**

Boxer Mix

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

**RADIOGRAPHIC FINDINGS**

Three-view thoracic radiographs are submitted for review.

**SEX**

FS

The cardiac silhouette is normal in size, with no specific chamber enlargement present. The pulmonary vessels are within normal limits. The pulmonary parenchyma is normal for a dog this age. The pleural space is within normal limits. The trachea is normal. Mild spondylosis deformans is present. The remainder of the thorax is unremarkable.

**AGE**

10 y

**ASSESSMENT/RECOMMENDATIONS**

Maemer's echocardiogram demonstrates very mild regurgitation of blood across her mitral valve, which is likely due to the presence of early-stage degenerative valve disease. The hemodynamic effects of the regurgitation are also very mild, as evidenced by Maemer's absence of secondary left heart chamber dilation. As such, Maemer's mitral valve disease appears to be well-compensated, and it does not appear to be contributing to her cough.

**WEIGHT**

66 lb

**HOSPITAL NAME**

No reason for Maemers' cough is appreciated in her radiographs, though, if the cough persists, consideration should be given to the presence of allergic/inflammatory airway disease.

**SVS Imaging WI**

No abnormalities are appreciated in Maemers' ECG.

No therapy is recommended at this stage of Maemers' mitral valve disease.

**REFERRING VET**

Dr. Beyer



A recheck echocardiogram is recommended in 6-9 months to monitor for disease progression.

DATE

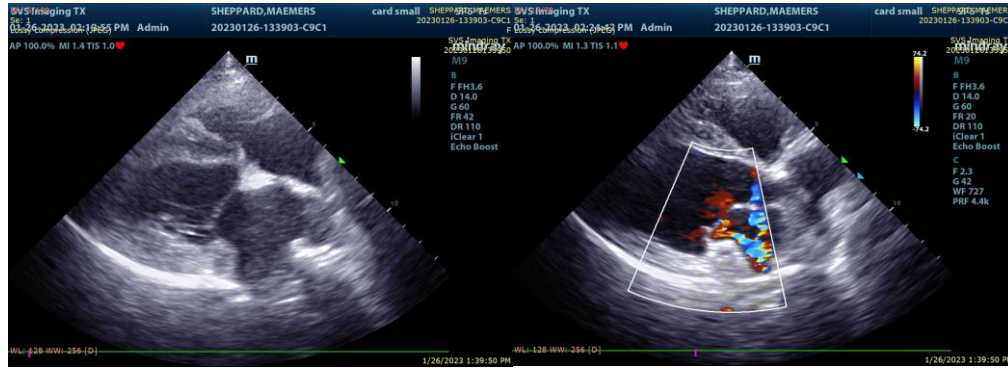
1/27/23

PERFORMED BY:

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(Cardiology)



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

Maemers Sheppard

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

Boxer Mix

SEX

FS

AGE

10 y

WEIGHT

66 lb

HOSPITAL NAME

SVS Imaging WI

REFERRING VET

Dr. Beyer