


DATE PRESENTING CLINICAL SIGNS

7/21/23

History: Grade V murmur. Diagnosed with CHF on 7/17/23. Sent home with furosemide 6.25 mg TID, enalapril 2.5 mg SID, pimobendan 1.25 mg BID, and spironolactone 6.25 mg SID. Doing ok but still coughs when waiting longer than 5 hours for furosemide. Increased respiratory rate during exam today.

PERFORMED BY:

Dr. Meredith Swart

ECHOCARDIOGRAPHIC FINDINGS

2D, M-mode, and Doppler study.

INTERPRETED BY

 Keith Blass, DVM,
 MS, DACVIM
 (Cardiology)

There is moderate to severe left atrial dilation. The mitral valve leaflets are thickened and exhibit systolic prolapse. A moderate to jet of 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 leaflets are mildly thickened, and a mild jet of tricuspid regurgitation is present. TR velocity does not suggest the presence of pulmonary hypertension. The pulmonary artery and pulmonic valve are normal. No pericardial effusion or cardiac masses are seen. B-lines are present in the lungs.

PATIENT

Maddie Montgomery

 LA - 32.5 mm
 LVIDd - 28.9 mm
 LVIDs - 12.3 mm
 FS - 57.4%

SPECIES

Canine

 RA - 15.5 mm
 LVOT - 0.92 m/s
 RVOT - 0.81 m/s
 TR - 2.07 m/s

BREED

Poodle Mix

ASSESSMENT/RECOMMENDATIONS

Degenerative mitral and tricuspid valve disease

SEX

FS

AGE

13 y

This examination demonstrates regurgitation of blood across Maddie's mitral and tricuspid valves resulting from degenerative valve disease. Maddie's tricuspid valve disease is mild, and appears to be well-compensated at this time. Her mitral valve disease is more advanced, as Maddie has moderate to severe mitral regurgitation present, with moderate to severe secondary dilation of her left atrium and moderate dilation of her left ventricle, though her left ventricular systolic function is well-preserved. Given the severity of Maddie's mitral valve disease, it comes as no surprise that she experienced an episode of left-sided congestive heart failure recently, and the continued presence of an elevated respiratory rate and thoracic B-lines suggests that her pulmonary edema has not completely resolved.

Maddie's current medications are appropriate, though I recommend increasing her daily furosemide dose by 3.125 mg. Should Maddie's cough persist, a cough suppressant, such as hydrocodone may be given.

WEIGHT

7.9 lb

A renal/electrolyte profile is recommended in 1 week. A recheck echocardiogram is recommended in 9 months. Repeat radiographs are recommended any time clinical signs compatible with CHF develop.

HOSPITAL NAME

 Swart Veterinary
 Imaging

REFERRING VET

Dr. Swart



DATE

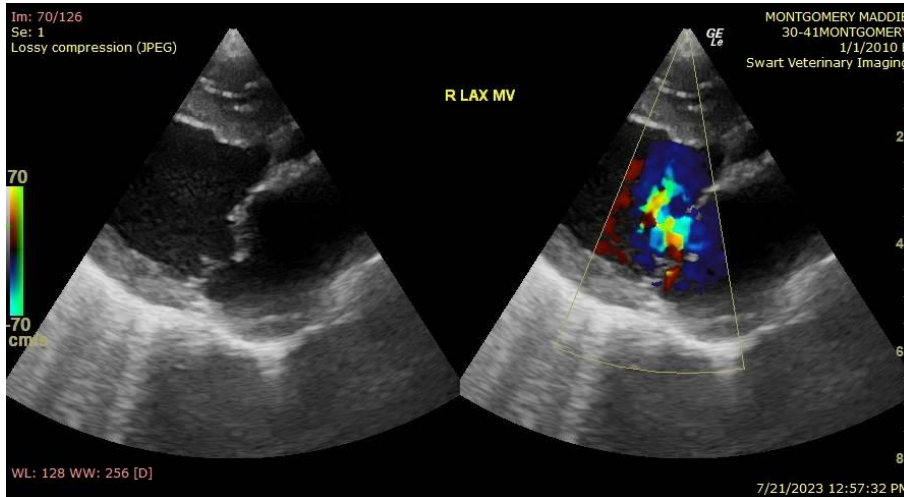
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PATIENT

Maddie Montgomery

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.

SPECIES

Canine

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.

BREED

Poodle Mix

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

SEX

FS

AGE

13 y

WEIGHT

7.9 lb

HOSPITAL NAME

Swart Veterinary
Imaging

REFERRING VET

Dr. Swart