
PRESENTING CLINICAL SIGNS

DATE History: Grade 5/6 murmur. Coughing. Receiving pimobendan. Radiographs show moderate cardiomegaly, partial tracheal and bronchial collapse, and a mild pulmonary interstitial pattern.
12/3/21

ECHOCARDIOGRAPHIC FINDINGS

PERFORMED BY: 2D, M-mode, and Doppler study.
Crystal Hill

INTERPRETED BY: There is moderate left atrial dilation. The mitral valve leaflets are mildly thickened, and a moderate jet of eccentric mitral regurgitation is present. There is moderate left ventricular dilation. There is borderline mild left ventricular systolic dysfunction. The aorta and aortic 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.
Keith Blass, DVM, MS, DACVIM (Cardiology)

PATIENT LA - 28.5 mm
LVIDd - 28.7 mm
LVIDs - 21.6 mm
FS - 24.7%
Malibu Weaver LVOT - 1.00 m/s
RVOT - 0.81 m/s
TR - 2.71 m/s

SPECIES

Canine

ASSESSMENT/RECOMMENDATIONS

Degenerative mitral and tricuspid valve disease

BREED

Yorkie Mix

This examination demonstrates regurgitation of blood across Malibu's mitral and tricuspid valves resulting from degenerative valve disease. Malibu's tricuspid valve disease is mild, and appears to be well-compensated at this time. Her mitral valve disease is more advanced, as Malibu has moderate mitral regurgitation present, with moderate secondary dilation of both her left atrium and left ventricle, as well as borderline mild left ventricular systolic function. While I haven't seen Malibu's radiographs, the presence of moderate left atrial dilation indicates that her mitral valve disease is advanced enough for mainstem bronchial compression to be contributing to her cough, and it's possible that the interstitial infiltrate seen in her radiographs could be due to the presence of cardiogenic pulmonary edema.

SEX

FS

AGE

12 y

Malibu's current therapy with pimobendan is warranted based on this exam. Given the possibility of there being a cardiac contribution to Malibu's cough, a trial with furosemide (3.125 mg BID) is likely warranted. Should this result in improvement and furosemide is to be used long-term, the addition of enalapril (1.25 mg BID) would also be warranted.

WEIGHT

3.24 kg

A renal/electrolyte profile +/- recheck radiographs is recommended in 1-2 weeks if furosemide is started. A recheck echocardiogram is recommended in 9 months.

HOSPITAL NAME

 Beatties East
Hamilton PH

REFERRING VET

Dr. MacDonald



DATE

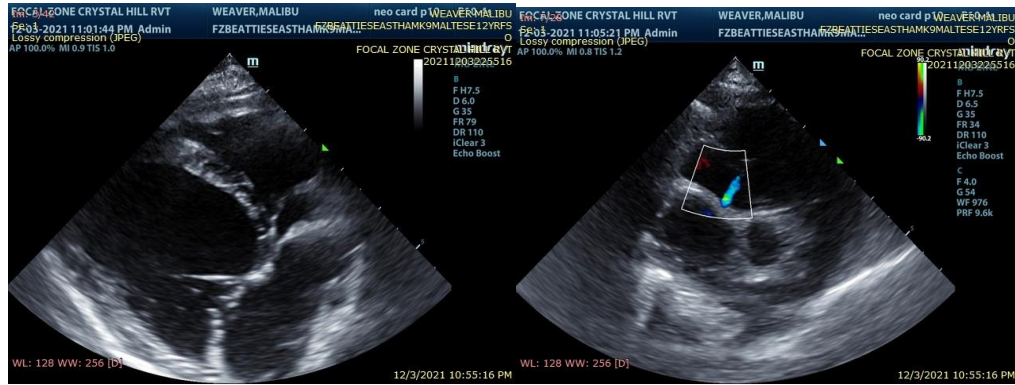
12/3/21

PERFORMED BY:

Crystal Hill

INTERPRETED BY

Keith Blass, DVM,
MS, DACVIM
(Cardiology)



PATIENT

Malibu Weaver

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.

SPECIES

Canine

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

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Yorkie Mix

SEX

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