

PATIENT PRESENTING CLINICAL SIGNS

Marcus Crevier

History of chronic valvular disease. Grade IV/VI left apical systolic murmur with radiation to the right. Was coughing prior to starting current cardiac medications. Receiving furosemide 12.5 mg BID, enalapril 2.5 mg BID, and pimobendane 1.25 mg BID.

SPECIES

Canine

ECHOCARDIOGRAPHIC FINDINGS

2D, M-mode, and Doppler study.

BREED

Maltese

There is moderate left atrial dilation. The mitral valve leaflets are thickened and exhibit systolic prolapse. A moderate jet of eccentric mitral regurgitation is present. There is moderate left ventricular dilation. Left ventricular systolic function is hyperdynamic. 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 is consistent with the presence of mild pulmonary hypertension (PG 43 mmHg). The pulmonary artery and pulmonic valve are normal. No heartworms are visualized. No pericardial effusion or cardiac masses are seen.

SEX

MN

LA - 31.9 mm
 LVIDd - 32.0 mm
 LVIDs - 14.2 mm
 FS - 55.6%
 LVOT - 0.95 m/s
 RVOT - 0.91 m/s
 TR - 3.28 m/s

AGE

9 y

WEIGHT

10.5 lb

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Degenerative mitral and tricuspid valve disease
 Pulmonary hypertension

INTERPRETED BY

Keith Blass, DVM, MS
DACVIM(Cardiology)

This examination demonstrates regurgitation of blood across Marcus' mitral and tricuspid valves resulting from degenerative valve disease. Marcus' tricuspid valve disease is mild, and is well-compensated at this time. His mitral valve disease is more advanced, as Marcus has moderate mitral regurgitation present, with moderate secondary dilation of both his left atrium and left ventricle, as well as mild secondary pulmonary hypertension. Given the presence of moderate left atrial dilation, it's likely that mainstem bronchial compression is contributing to Marcus' cough. In addition to coughing, Marcus is at risk for the development of exercise intolerance, syncope, and labored breathing, therefore, careful monitoring for these signs is recommended.

HOSPITAL NAME

Mass Veterinary Services

REFERRING VET

Dr. Masloski

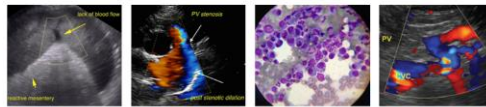
Marcus' current therapy with pimobendan is warranted based on this exam. Continued use of furosemide and enalapril would be warranted if these medications have improved Marcus' cough. No therapy is recommended for Marcus' pulmonary hypertension at this time.

INVOICE

A recheck echocardiogram is recommended in 6 months. Repeat radiographs are recommended if clinical signs compatible with congestive heart failure develop.

DATE

12/8/21



PATIENT

Marcus Crevier

SPECIES

Canine

BREED

Maltese

SEX

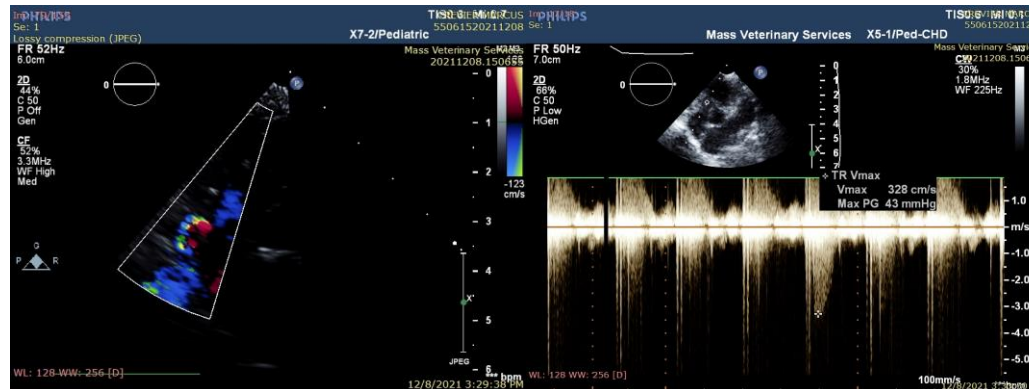
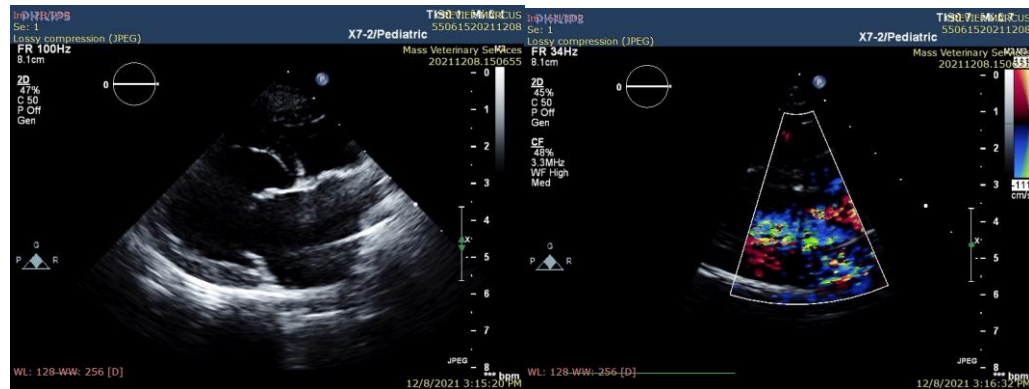
MN

AGE

9 y

WEIGHT

10.5 lb



INTERPRETED BY

Keith Blass, DVM, MS
 DACVIM(Cardiology)

HOSPITAL NAME

Mass Veterinary Services

REFERRING VET

Dr. Masloski

INVOICE

Keith Blass, DVM, MS, DACVIM (Cardiology)

KeithBlass@gmail.com

631-804-5754

DATE

12/8/21

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.