

PATIENT PRESENTING CLINICAL SIGNS

Wood Tac Experienced a few episodes of stretching out and shaking. Grade IV/VI left apical murmur with radiation to the right. Receiving pimobendan 2.5 mg BID and enalapril 3.75 mg BID.

SPECIES ECHOCARDIOGRAPHIC FINDINGS

Canine

2D, M-mode, and Doppler study.

There is mild left atrial dilation. The mitral valve leaflets are thickened and exhibit mild systolic prolapse. A mild to moderate jet of eccentric mitral regurgitation is present. There is borderline mild 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 37 mmHg). The pulmonary artery and pulmonic valve appear normal, though trace pulmonic insufficiency is present. No heartworms are visualized. No pericardial effusion or cardiac masses are seen.

BREED

Shih Tzu

SEX

MN

AGE

6 y

LA - 29.1 mm
 LVIDd - 27.9 mm
 LVIDs - 14.0 mm
 FS - 49.8%
 LVOT - 1.52 m/s
 RVOT - 0.89 m/s
 TR - 3.05 m/s

WEIGHT

16.26 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 Wood's mitral and tricuspid valves resulting from degenerative valve disease. Wood's tricuspid valve disease is mild, and is well-compensated at this time. His mitral valve disease is a bit more advanced, as Wood has mild to moderate mitral regurgitation present, with mild secondary dilation of his left atrium and borderline mild dilation of his left ventricle, as well as mild secondary pulmonary hypertension. As only mild left atrial dilation is present, Wood's mitral valve disease appears to be well-compensated, and his current risk for the development of left-sided congestive heart failure appears to be low.

HOSPITAL NAME

Mass Veterinary Services

REFERRING VET

Dr. Masloski

No obvious reason for Wood's episodes of stretching out and shaking are appreciated in the image set. If they are pre-syncopal in nature, it's unlikely that his mitral valve disease or pulmonary hypertension are advanced enough to be contributing to the episodes, and consideration should be given to vasovagal episodes.

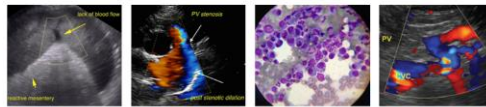
INVOICE

Wood's current therapy with pimobendan is warranted based on this exam. As for enalapril, the medication may be continued, though definitive evidence proving its benefit at this stage of disease is not available. No therapy is recommended for Wood's pulmonary hypertension at this time.

DATE

12/8/21

An event monitor may be warranted if Wood experiences additional episodes. A recheck echocardiogram is recommended in 6 months. Thoracic radiographs are recommended if Wood experiences respiratory clinical signs.



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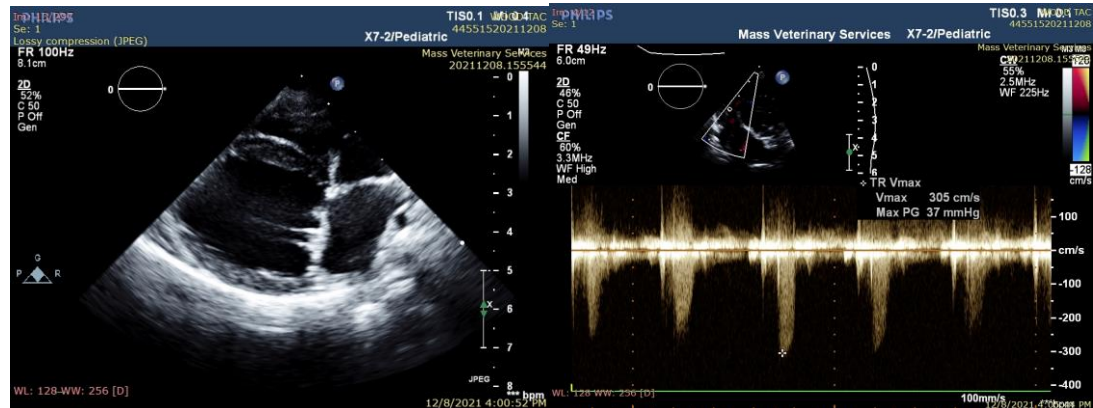
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

Keith Blass, DVM, MS, DACVIM (Cardiology)

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