



PATIENT

Misty Emory

SPECIES

Canine

BREED

Min. Aussie

SEX

FS

AGE

15 y

WEIGHT

7.35 kg

INTERPRETED BY

Keith Blass, DVM, MS,
DACVIM (Cardiology)

IMAGING PERFORMED BY

Dr. Brian Barnes

HOSPITAL NAME

Westview VH

REFERRING VET

Dr. Barnes

INVOICE

DATE

11/13/25

PRESENTING CLINICAL SIGNS

Small collapsing episodes after getting up. Coughing more, breathing harder with neck out. Tracheomalacia, possible bronchitis. Radiographs showed a diffuse pulmonary interstitial opacity.

ECHOCARDIOGRAPHIC FINDINGS

2D, M-mode, and Doppler study.

Left atrial size is normal. The mitral valve leaflets are mildly thickened, though only trace mitral regurgitation is present. Left ventricular dimensions are normal. Left ventricular systolic function is hyperdynamic. The aorta and aortic valve appear normal, though trace aortic insufficiency is present. 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 appear normal, though trace pulmonic insufficiency is present. No shunting lesions are visualized. No pericardial effusion or cardiac masses are seen.

ECG during echo: Sinus arrhythmia

LA - 28.5 mm

LVIDd - 24.4 mm

LVIDs - 12.2 mm

FS - 50%

RA - 17.3 mm

LVOT - 0.86 m/s

RVOT - 0.64 m/s

TR - 1.95 m/s

ASSESSMENT/RECOMMENDATIONS

Degenerative tricuspid valve disease - stage B1

This examination demonstrates mild regurgitation of blood across Misty's tricuspid valve resulting from degenerative valve disease. The hemodynamic effects of the regurgitation also appear to be mild, as Misty does not have secondary dilation of either of her right heart chambers. As such, Misty's current risk for the development of right-sided congestive heart failure appears to be low.

No reason for Misty's collapsing episodes, cough, or harder breathing is appreciated in this exam, and I suspect that Misty's collapsing episodes are vasovagal in origin.

No therapy is recommended at this stage of disease.

A Holter and/or event monitor can be considered to further evaluate Misty's collapsing episodes. A recheck echocardiogram is recommended in ~6 months.



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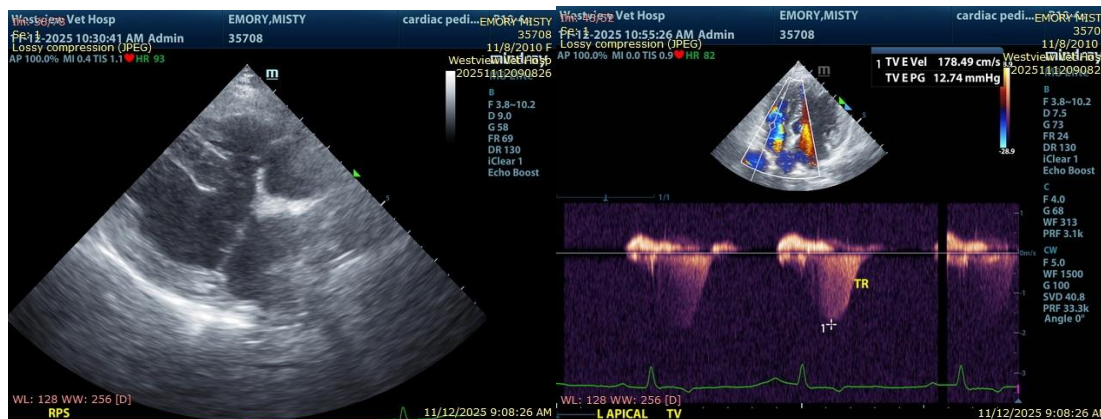
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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