

PATIENT

Rodney Miller

SPECIES

Canine

BREED

WHWT

SEX

MN

AGE

15 y

WEIGHT

23 lb

INTERPRETED BY

Keith Blass, DVM, MS,
DACVIM (Cardiology)

IMAGING PERFORMED BY

Karen Ebersole, DVM,
DABVP

HOSPITAL NAME

Scanvet

REFERRING VET

Dr. Norman

INVOICE

DATE

6/18/26

PRESENTING CLINICAL SIGNS

Coughing. Treated with doxycycline and Cough Tabs, then hydrocodone. Radiographs showed possible cardiomegaly and mainstem bronchial narrowing. Pre-anesthetic evaluation (dental).

ECHOCARDIOGRAPHIC FINDINGS

2D, M-mode, and Doppler study.

Left atrial size is normal. The mitral valve appears normal, though trace mitral regurgitation is present. Left ventricular dimensions are normal. Left ventricular systolic function is normal. 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 is borderline for 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 heartworms are visualized. No pericardial effusion or cardiac masses are seen.

ECG during echo: Sinus arrhythmia

LA - 29.8 mm
LVIDd - 29.3 mm
LVIDs - 17.6 mm
FS - 39.9%
RA - 17.3 mm
LVOT - 1.89 m/s
RVOT - 1.34 m/s
TR - 2.82 m/s

ASSESSMENT/RECOMMENDATIONS

Degenerative tricuspid valve disease - stage B1

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

No reason for Rodney's cough is appreciated in this exam. His radiographs do show evidence of dynamic bronchial collapse, therefore, this should be considered as a possible cause, as should allergic/inflammatory airway disease and, given his breed, non-specific interstitial lung disease (aka. Westie lung disease).

No therapy is recommended at this stage of Rodney's tricuspid valve disease.

A recheck echocardiogram is recommended in 6 months to monitor for disease progression.



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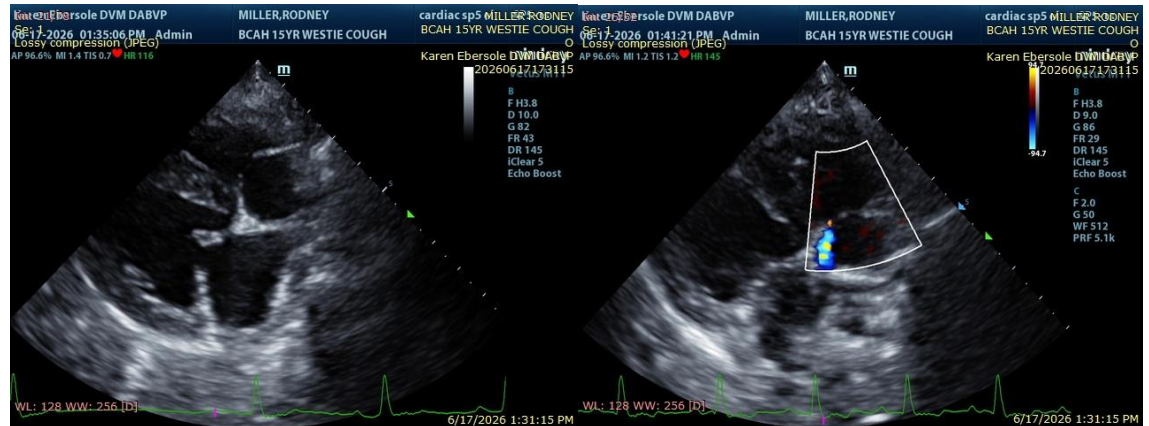
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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