



**PRESENTING CLINICAL SIGNS**

History: Presented for vomiting and inappetence. Arrhythmia ausculted during exam. ECG showed a supraventricular arrhythmia.

DATE

12/27/22

**ECHOCARDIOGRAPHIC FINDINGS**

2D, M-mode, and Doppler study.

PERFORMED BY:

Shari Reffi, CVT

INTERPRETED BY

Keith Blass, DVM,  
MS, DACVIM  
(Cardiology)

Left atrial size is normal. The mitral valve leaflets are mildly thickened, and a mild jet of mitral regurgitation is present. Left ventricular dimensions are normal. Left ventricular systolic function is mildly hyperdynamic. The aorta and aortic valve 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 borderline for the presence of mild 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.

PATIENT

Teddy Wagoner

LA - 25.2 mm  
LVIDd - 23.7 mm  
LVIDs - 13.4 mm  
FS - 43.5%  
LVOT - 0.99 m/s  
RVOT - 1.00 m/s  
TR - 2.80 m/s

SPECIES

Canine

**ASSESSMENT/RECOMMENDATIONS**

BREED

CKCS

This examination demonstrates mild regurgitation of blood across Teddy's mitral and tricuspid valves, which, given his age, is likely due to the presence of valvular dysplasia. The hemodynamic effects of the regurgitations appear to be mild, as Teddy does not have secondary dilation of any of his cardiac chambers. As such, Teddy's valvular diseases appear to be well-compensated, and his current risk for the development of clinical signs secondary to them, such as coughing, exercise intolerance, syncope, labored breathing, and abdominal distension, appears to be low.

SEX

No therapy is recommended at this stage of Teddy's valvular diseases. Whether his arrhythmia warrants therapy will depend on its severity.

MN

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

AGE

18 mo

WEIGHT

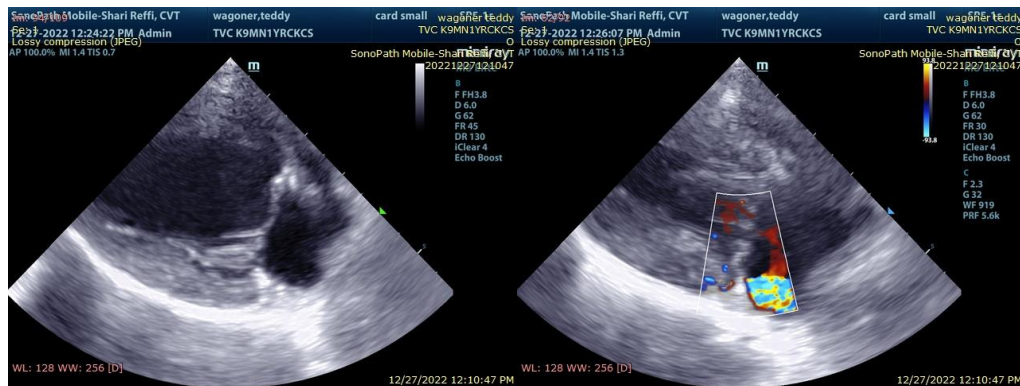
12.2 lb

HOSPITAL NAME

Tranquility VC

REFERRING VET

Dr. House





DATE

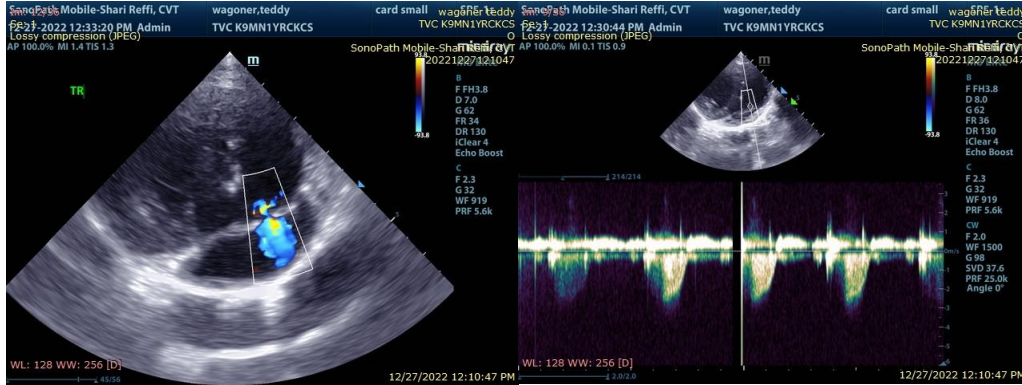
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

PATIENT

Teddy Wagoner

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

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