



**DATE** PRESENTING CLINICAL SIGNS

1/10/22

History: Vomiting and regurgitating after drinking. Coughs occasionally – has tracheal collapse.

**ECHOCARDIOGRAPHIC FINDINGS**

**PERFORMED BY:**

2D, M-mode, and Doppler study.

Potomac Mobile  
Veterinary  
Ultrasound

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 hyperdynamic. The aorta and aortic valve are normal. Right atrial and right ventricular dimensions are normal. The tricuspid valve leaflets are thickened, and a mild to moderate jet of tricuspid regurgitation is present. TR velocity is consistent with the presence of mild pulmonary hypertension (PG 41 mmHg). The pulmonary artery and pulmonic valve are normal. No shunting lesions are visualized. No pericardial effusion or cardiac masses are seen.

**INTERPRETED BY**

Keith Blass, DVM,  
MS, DACVIM  
(Cardiology)

LA – 24.7 mm  
LVIDd – 20.9 mm  
LVIDs – 10.4 mm  
FS – 50.2%  
RA – 21.9 mm  
LVOT – 1.54 m/s  
RVOT – 0.69 m/s  
TR – 3.20 m/s

**PATIENT**

Teddy Gideon

**SPECIES**

Canine

**ASSESSMENT/RECOMMENDATIONS**

Degenerative mitral and tricuspid valve disease  
Pulmonary hypertension

**BREED**

Pomeranian

This examination demonstrates regurgitation of blood across Teddy's mitral and tricuspid valves resulting from degenerative valve disease. 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 appears to be low.

**SEX**

MN

Teddy's TR velocity is consistent with the presence of mild pulmonary hypertension. Mild pulmonary hypertension is well-tolerated in dogs, though careful monitoring for progression is recommended.

**AGE**

No therapy is recommended at this stage of Teddy's valvular diseases or pulmonary hypertension.

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

**WEIGHT**

11.4 lb

**HOSPITAL NAME**

Buckeystown VH

**REFERRING VET**

Dr. Jarrett



DATE

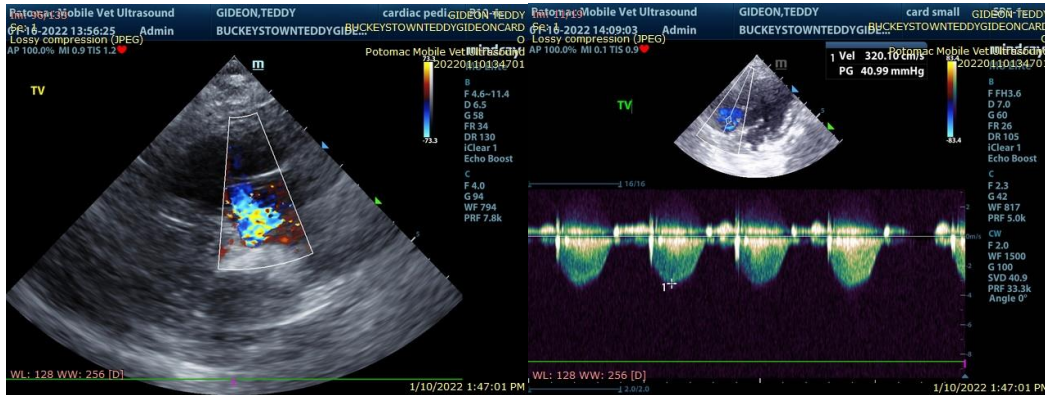
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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Dr. Jarrett

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.

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