



**PATIENT**

Goose Hulsey

**SPECIES**

Canine

**BREED**

Boston Terrier

**SEX**

Neutered Male

**AGE**

9 Years

**WEIGHT**

32.4 Pounds

**INTERPRETED BY**

Sara Brethel, DVM,  
DACVIM (Cardiology)

**IMAGING PERFORMED BY**

Bill McGee,  
DVM,DABVP

**HOSPITAL NAME**

Bridgport AH, PLLC

**REFERRING VET**

Jeff Williams, DVM

**INVOICE**

36500

**DATE**

4/8/26

**PRESENTING CLINICAL SIGNS**

History: \*respiratory difficulty for 2-3 months.

\*originally treated with temaril P then changed to pimobendan and furosemide.

\*Had 5mg pimobendan and 40 mg furosemide and 100 mg trazodone this am prior to the echo.

**ULTRASONOGRAPHIC EXAMINATION OF THE HEART**

CANINE CARDIAC PARAMETERS	MR VMAX (m/s)	TR VMAX (m/s)	LA/AO (M-Mode)	LA/AO (Heart Base; Swe)	FS (%)	EF (%)	EPSS (cm)
<b>NORMAL PARAMETER</b>	4.5-5.5	<2.7	1.3	Up to 1.6	28-40	40-100	<0.6
<b>PATIENT</b>	--	NM	1.27	1.2	38.46	--	--
CANINE CARDIAC PARAMETERS	HR (BPM)	AV VMAX (m/s)	PV MAX (m/s)	BODY WEIGHT (kg)	LAD LA MAX 4 Chamber	LVIDd Avg; 2D and m-mode short axis (cm)	LVIDs Avg; 2D and m-mode short axis (cm)
<b>NORMAL PARAMETER</b>	50-100	0.7-1.7	0.7-1.6				
<b>PATIENT</b>	NM	1.45	1.0	14.72	2.4	2.34	1.44

**Cardiac Presentation**

The mitral valve leaflets are normal and there is no mitral regurgitation. There is no prolapse of the mitral valve leaflets. The left atrial size is normal. Left ventricular systolic and diastolic function is within normal limits. There is normal right atrial size with mild evidence of eccentric tricuspid regurgitation. There is no prolapse of the tricuspid valve leaflets and no evidence of pulmonary hypertension on today's evaluation. The right ventricle subjectively appears normal in structure and function. The aortic and pulmonic valves have normal morphology and the corresponding outflow velocities are within normal limits. There is no evidence of aortic insufficiency. There is trace pulmonic insufficiency. The aorta appears normal. The pulmonary artery and associated branches appear normal. There is no evidence of pleural effusion, pericardial effusion, or intracardiac masses.

**ULTRASONOGRAPHIC FINDINGS**

- Mild degenerative changes to the tricuspid valve without evidence of enlargement
- Trace pulmonic insufficiency

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The cause of the patient's respiratory status does not appear to be cardiac in nature based upon the



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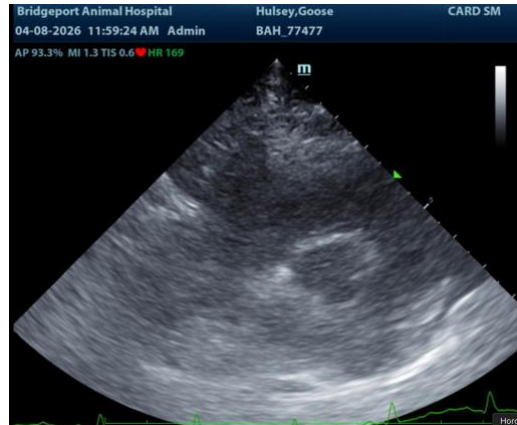
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images provided. I recommend discontinuation of cardiac therapies including the pimobendan and furosemide. There is significant pulmonary interference on the images. I recommend obtaining chest radiographs and continued respiratory workup into an underlying cause of the patient's respiratory status. A recheck echocardiogram is not needed unless the patient develops a heart murmur or develops collapse episodes or other signs of cardiovascular disease.



**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.

Sara Brethel DVM, DACVIM (Cardiology)

[info@SonoPath.com](mailto:info@SonoPath.com)