

**PRESENTING CLINICAL SIGNS**

History: Grade 5/6 murmur first noted on 10/30/19.

**DATE**

2/8/22

**ECHOCARDIOGRAPHIC FINDINGS**

2D, M-mode, and Doppler study.

**PERFORMED BY:**

Kim Liedberg

**INTERPRETED BY**

Keith Blass, DVM,  
MS, DACVIM  
(Cardiology)

**PATIENT**

Speaker Hartzell

**SPECIES**

Canine

**BREED**

Hound Mix

**SEX**

MN

**AGE**

2 y

**WEIGHT**

56.9 lb

**HOSPITAL NAME**

SVS Imaging WI

**REFERRING VET**

Dr. Sherrod

Left atrial size is normal. The mitral valve is normal. Left ventricular wall thickness is normal. Left ventricular internal dimensions are normal. Left ventricular systolic function is normal. The aorta and aortic valve are normal. Right atrial and right ventricular dimensions are normal. The tricuspid valve appears normal, though very mild tricuspid regurgitation is present. 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.

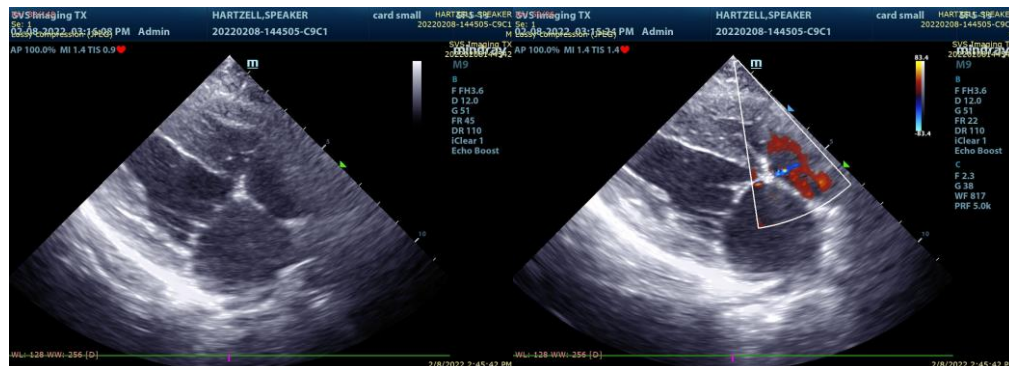
LA - 36.2 mm  
IVSd - 7.9 mm  
LVPWd - 7.5 mm  
LVIDd - 39.8 mm  
LVIDs - 27.3 mm  
FS - 31.4%  
RA - 23.2 mm  
LVOT - 1.24 m/s  
RVOT - 1.26 m/s  
TR - 2.50 m/s

**ASSESSMENT/RECOMMENDATIONS**

The only abnormality identified in this exam is very mild regurgitation of blood across Speaker's tricuspid valve, which, given his age, is likely due to the presence of very mild valvular dysplasia. The hemodynamic effects of the regurgitation are negligible at present, and it's unlikely that the regurgitation will significantly worsen over time, though periodic reevaluations are recommended.

No therapy is recommended based on this exam.

A recheck echocardiogram is recommended in 1 year, sooner if new clinical signs compatible with cardiac dysfunction develop.



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.

**DATE**

2/8/22

**Keith Blass, DVM, MS, DACVIM (Cardiology)**

KeithBlass@gmail.com

631-804-5754

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