



PRESENTING CLINICAL SIGNS

History: Grade 5/6 murmur. Syncopal episodes. Receiving furosemide, pimobendan, and benazepril.

DATE

9/28/22

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 appears normal, though trace mitral regurgitation is present. Left ventricular dimensions are normal. Left ventricular systolic function is hyperdynamic. The aorta and aortic valve appear normal, though very mild aortic insufficiency is present. There is moderate right atrial and mild right ventricular dilation. The tricuspid valve leaflets are mildly thickened and exhibit systolic prolapse. A moderate jet of tricuspid regurgitation is present. TR velocity is consistent with the presence of moderate pulmonary hypertension (PG 76.8 mmHg). The pulmonary artery and pulmonic valve are normal. No shunting lesions are visualized. No pericardial effusion or cardiac masses are seen.

PATIENT

Lyla Taiber

LA - 28.8 mm
LVIDd - 30.0 mm
LVIDs - 15.8 mm
FS - 47%
RA - 40.0 mm
RVIDd - 34.5 mm
LVOT - 0.94 m/s
RVOT - 0.67 m/s
TR - 4.38 m/s

SPECIES

Canine

BREED

Australian Shepherd

SEX

FS

AGE

12 y

WEIGHT

43 lb

HOSPITAL NAME

VCA Blairstown AH

REFERRING VET

Dr. Lovell

ASSESSMENT/RECOMMENDATIONS

Degenerative tricuspid valve disease
Pulmonary hypertension

This examination demonstrates moderate regurgitation of blood across Lyla's tricuspid valve resulting from degenerative valve disease. In addition, the velocity of the regurgitation indicates that Lyla also suffers from moderate pulmonary hypertension. Secondary to both diseases, Lyla has moderate dilation of her right atrium and mild dilation of her right ventricle, indicating that she is at risk for the development of right-sided congestive heart failure, while her pulmonary hypertension is very likely the cause of Lyla's syncopal episodes.

Recommended therapy for Lyla's pulmonary hypertension is 30 mg TID. Continued use of pimobendan (5 mg BID) is also warranted based on this exam. As for Lyla's current therapy with furosemide and benazepril, continued use would be warranted if Lyla has previously experienced right-sided congestive heart failure (pleural and/or peritoneal effusion, peripheral edema). Avoidance of high-intensity exercise is recommended.

A recheck echocardiogram is recommended in 4 months, sooner if Lyla continues to experience syncopal episodes.



DATE

9/28/22

PERFORMED BY:

Shari Reffi, CVT

INTERPRETED BY

Keith Blass, DVM,
MS, DACVIM
(Cardiology)

PATIENT

Lyla Taiber

SPECIES

Canine

BREED

Australian Shepherd

SEX

FS

AGE

12 y

WEIGHT

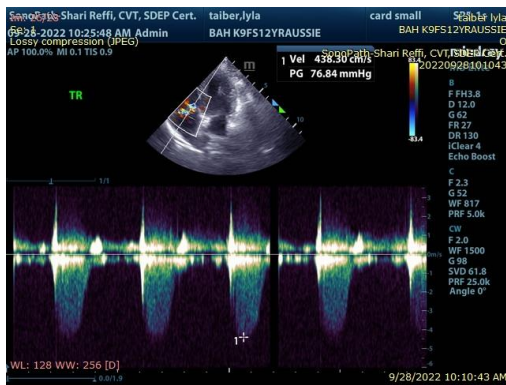
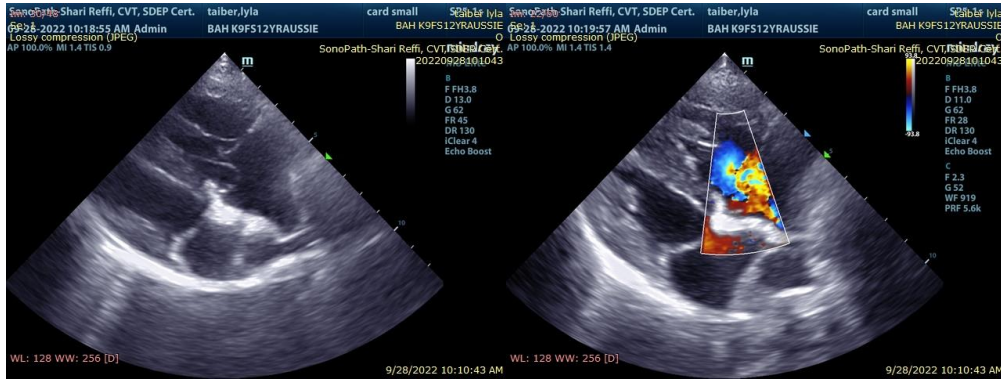
43 lb

HOSPITAL NAME

VCA Blairstown AH

REFERRING VET

Dr. Lovell



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.

Keith Blass, DVM, MS, DACVIM (Cardiology)
KeithBlass@gmail.com
631-804-5754