



PRESENTING CLINICAL SIGNS

History: Grade II-III/VI systolic murmur. Cough.

DATE

8/18/23

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 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 does not suggest the presence of pulmonary hypertension. The pulmonary artery and pulmonic valve are normal. No shunting lesions are visualized. No heartworms are visualized. No pericardial effusion or cardiac masses are seen.

PATIENT

Bella Walsh

LA - 20.1 mm
LVIDd - 21.4 mm
LVIDs - 10.7 mm
FS - 50%
RA - 15.2 mm
LVOT - 1.22 m/s
RVOT - 0.80 m/s
TR - 1.34 m/s

SPECIES

Canine

BREED

Chihuahua

ASSESSMENT/RECOMMENDATIONS

Degenerative mitral and tricuspid valve disease

This examination demonstrates mild regurgitation of blood across Bella's mitral and tricuspid valves resulting from degenerative valve disease. The hemodynamic effects of the regurgitations also appear to be mild, as Bella does not have secondary dilation of any of her cardiac chambers. As such, Bella's valvular diseases appear to be well-compensated, and her current risk for the development of clinical signs secondary to them appears to be low.

SEX

FS

No reason for Bella's cough is appreciated in this exam, and a primary respiratory abnormality, such as dynamic tracheal collapse or allergic/inflammatory airway disease, should be considered likely.

AGE

11 y

No therapy is recommended at this stage of Bella's valvular diseases.

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

WEIGHT

HOSPITAL NAME

Milford AH

REFERRING VET

Dr. Grasso





DATE 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.

8/18/23

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.

PERFORMED BY:

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