



PRESENTING CLINICAL SIGNS

History: Previously diagnosed with stage B1 degenerative valve disease.

DATE

2/14/23

ECHOCARDIOGRAPHIC FINDINGS

2D, M-mode, and Doppler study.

PERFORMED BY:

Dr. Brian Barnes

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 eccentric mitral regurgitation is present. Left ventricular 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 trace tricuspid regurgitation is present. The pulmonary artery and pulmonic valve are normal. No shunting lesions are visualized. No pericardial effusion or cardiac masses are seen.

ECG during echo: Sinus rhythm

LA - 25.8 mm
LVIDd - 19.2 mm
LVIDs - 9.6 mm
FS - 50%
LVOT - 1.58 m/s
RVOT - 1.22 m/s

PATIENT

Toby Matheson

ASSESSMENT/RECOMMENDATIONS

Degenerative mitral valve disease - stage B1

SPECIES

Canine

This examination again demonstrates mild regurgitation of blood across Toby's mitral valve resulting from degenerative valve disease. The hemodynamic effects of the regurgitation also still appear to be mild, as Toby does not have secondary dilation of either of his left heart chambers. As such, Toby's mitral valve disease still appears to be well-compensated, and his current risk for the development of clinical signs secondary to it still appears to be low.

BREED

Maltese

No therapy is recommended at this stage of disease.

A recheck echocardiogram is recommended in 6-9 months to monitor for disease progression.

SEX

MN

AGE

11 y

WEIGHT

4.85 kg



HOSPITAL NAME

Westview VH

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.

REFERRING VET

Dr. Barnes

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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