



RESENTING CLINICAL SIGNS

DATE History: New murmur.

ECHOCARDIOGRAPHIC FINDINGS

2D, M-mode, and Doppler study.

PERFORMED BY:

Kelly Vazquez

INTERPRETED BY

Keith Blass, DVM,
MS, DACVIM
(Cardiology)

Left atrial size is normal. The mitral valve leaflets are mildly thickened, and a mild to moderate jet of eccentric mitral regurgitation is present. Left ventricular dimensions are normal. Left ventricular systolic function is normal. The aorta and aortic valve appear normal, though trace aortic insufficiency is present. 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 appear normal, though trace pulmonic insufficiency is present. No shunting lesions are visualized. No pericardial effusion or cardiac masses are seen.

PATIENT

Marley Gaber

LA - 29.1 mm
LVIDd - 29.2 mm
LVIDs - 19.4 mm
FS - 33.6%
RA - 20.5 mm
LVOT - 1.19 m/s
RVOT - 0.70 m/s
TR - 2.52 m/s

SPECIES

Canine

ASSESSMENT/RECOMMENDATIONS

Degenerative mitral and tricuspid valve disease

BREED

This examination demonstrates regurgitation of blood across Marley's mitral and tricuspid valves resulting from degenerative valve disease. The hemodynamic effects of each of the regurgitations appear mild at present, as Marley does not have secondary dilation of any of his cardiac chambers.

CKCS

As such, Marley's valvular diseases appear to be well-compensated, and his current risk for the development of clinical signs secondary to them, such as coughing, exercise intolerance, syncope, abdominal distension, and labored breathing, appears to be low.

SEX

MN

No therapy has been proven to be beneficial at this stage of Marley's valvular diseases, therefore, no therapy is recommended at this time.

AGE

9 y

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

WEIGHT

20 lb

HOSPITAL NAME

Animal General on Hudson



REFERRING VET

Dr. Zelinski



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.
7/6/22

PERFORMED BY: 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.

Kelly Vazquez

INTERPRETED BY

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

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