

PRESENTING CLINICAL SIGNS

History: Grade II/VI murmur present since birth. Previous echo WNL, but murmur is a bit louder now.

DATE

12/30/21

ECHOCARDIOGRAPHIC FINDINGS

2D, M-mode, and Doppler study.

PERFORMED BY:

Jessica Miller

INTERPRETED BY

Keith Blass, DVM,
MS, DACVIM
(Cardiology)

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 mildly hyperdynamic. The aorta and aortic valve appear normal, though there is increased flow velocity in the ascending aorta, as well as trace aortic insufficiency. 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.

PATIENT

Milo Goodman

LA - 26.3 mm
IVSd - 10.3 mm
LVPWd - 10.3 mm
LVIDd - 28.7 mm
LVIDs - 16.1 mm
FS - 43.9%
LVOT - 3.15 m/s
RVOT - 1.05 m/s

SPECIES

Canine

ASSESSMENT/RECOMMENDATIONS

BREED

Cavapoo

Milo's murmur appears to be due to the presence of increased flow velocity in his ascending aorta. As no lesions are seen via 2D imaging in this region, it's possible that this could represent a functional/innocent increase in flow velocity, however, the velocity of flow indicates that the presence of mild aortic stenosis cannot be ruled out. Even if mild aortic stenosis were to be present, it's unlikely that the disease would ever become hemodynamically or clinically relevant, though periodic monitoring is recommended as a precaution.

SEX

No therapy is recommended based on this exam.

MN

A recheck echocardiogram is recommended in 12 months, sooner if new clinical signs compatible with cardiac dysfunction develop.

AGE

4 y

WEIGHT

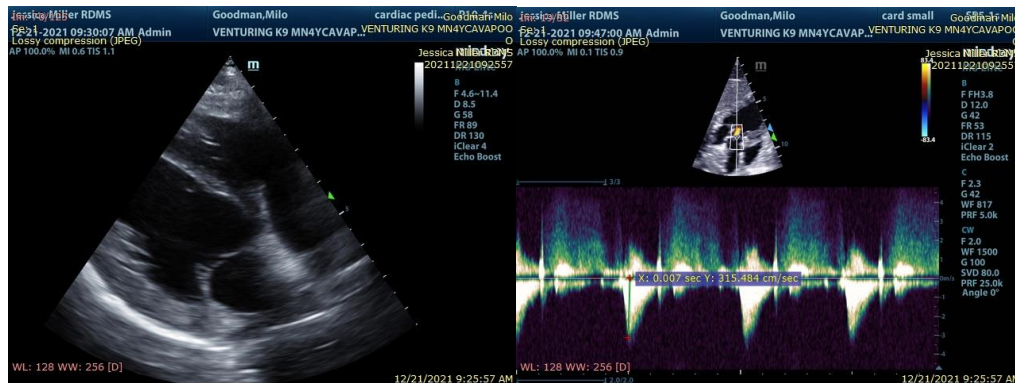
29 lb

HOSPITAL NAME

The Venturing Vet

REFERRING VET

Dr. Herzog





DATE

12/30/21

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.

PERFORMED BY:

Jessica Miller

Keith Blass, DVM, MS, DACVIM (Cardiology)

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