


PRESENTING CLINICAL SIGNS

DATE History: Grade 2/6 murmur heard best on the left. Pre-anesthetic evaluation.

1/8/22

ECHOCARDIOGRAPHIC FINDINGS

2D, M-mode, and Doppler study.

PERFORMED BY:

Amanda Lacey, SDEP

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 wall thickness is normal. Left ventricular internal dimensions are normal. Left ventricular systolic function is hyperdynamic. The left ventricular outflow tract and aorta appear normal, though there is mildly increased flow velocity in this region. The aortic valve is normal. Right atrial and right ventricular dimensions are normal. The tricuspid valve appears normal, though trace 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

Stormy Sanders

SPECIES

Canine

LA - 26.2 mm
IVSd - 5.7 mm
LVPWd - 5.7 mm
LVIDd - 26.4 mm
LVIDs - 14.2 mm
FS - 46%
RA - 23.6 mm
LVOT - 1.90 m/s
RVOT - 1.23 m/s
TR - 2.55 m/s

BREED

Cane Corso

SEX

FI

AGE

9 wk

ASSESSMENT/RECOMMENDATIONS

This examination is equivocal for the presence of cardiac disease, as Stormy has mildly increased flow velocity in her aorta. It's possible that this could represent a functional/physiologic increase in flow velocity, however, I can't rule out the presence of developing subaortic stenosis, as the lesion associated with this disease typically begins to form around 8 weeks of age and can progress until a dog is fully grown. Therefore, more time will be needed to determine whether Stormy's flow velocity remains consistent with a functional increase (<2.5 m/s) or whether a fibrous ridge in her outflow tract or more turbulent flow develops.

Stormy's current risk for anesthesia is low, and there are no contraindications to the use of any specific anesthetic agents.

No therapy is recommended at this time.

WEIGHT

19.8 lb

A recheck echocardiogram is recommended in 6 months. While Stormy will not be fully grown then, this should be long enough to determine whether any degree of subaortic stenosis is present.

HOSPITAL NAME

Rivers Edge Pet
Medical Center

REFERRING VET

Dr. Sullivan



DATE

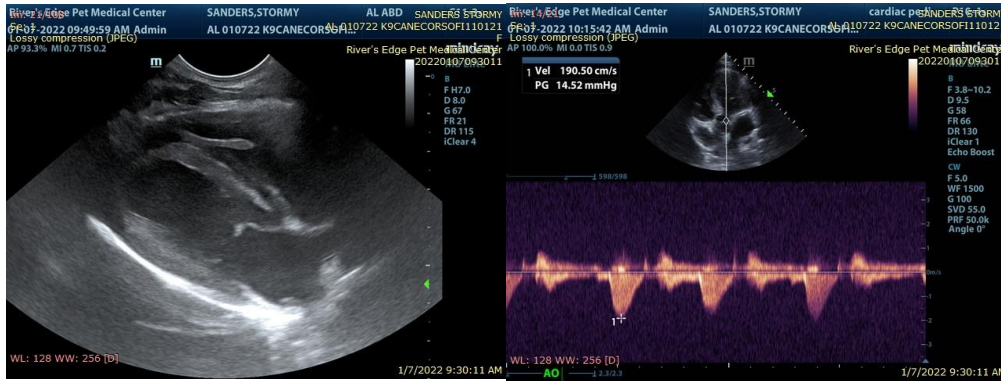
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

PATIENT

Stormy Sanders

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.

SPECIES

Canine

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

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