

PRESENTING CLINICAL SIGNS

History: Grade 4/6 murmur. Radiographic cardiomegaly. Pre-anesthetic evaluation. BUN 50.5, Cr 2.9.

DATE

12/13/21

ECHOCARDIOGRAPHIC FINDINGS

2D, M-mode, and Doppler study.

PERFORMED BY:

PMVU

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 hyperdynamic. The aortic appears normal, though trace aortic insufficiency is present. There is dilation of the ascending aorta, as well as mildly increased flow velocity in the aorta. Right atrial and right ventricular dimensions are normal. The tricuspid valve is normal. The pulmonary artery and pulmonic valve are normal. No heartworms are visualized. No shunting lesions are visualized. No pericardial effusion or cardiac masses are seen.

INTERPRETED BY

Keith Blass, DVM,
MS, DACVIM
(Cardiology)

PATIENT

Sootie Letourneau

IVSd - 4.4 mm
LVPWd - 4.5 mm
LVIDd - 11.9 mm
LVIDs - 3.9 mm
FS - 67%
Ao - 10.9 mm
LVOT - 1.57 m/s
RVOT - 1.20 m/s

SPECIES

Feline

ASSESSMENT/RECOMMENDATIONS

BREED

This examination demonstrates dilation of Sootie's ascending aorta, with differentials for this finding including an idiopathic aortopathy and systemic hypertension. The hemodynamic effects of the dilation appear to be minimal at present, and Sootie's current risk for the development of clinical signs secondary to it appear to be low.

DSH

SEX

Sootie's murmur appears to be due to the presence of mildly increased flow velocity in her dilated aorta.

FS

Sootie's cardiovascular risk for general anesthesia appears to be low based on this exam, though I recommend avoiding the use of alpha-2 agonists in the anesthetic protocol and reducing the IV fluid rate by 15% as precautions. If possible, monitoring of heart rhythm, blood pressure, and pulse oximetry are recommended during the procedure.

AGE

8 y

A blood pressure measure is recommended.

WEIGHT

No therapy is recommended based on this exam.

5.3 lb

A recheck echocardiogram is recommended in 9 months, sooner if new clinical signs compatible with cardiac dysfunction develop.

HOSPITAL NAME

Anicura VC

REFERRING VET

Dr. Jarrett



DATE

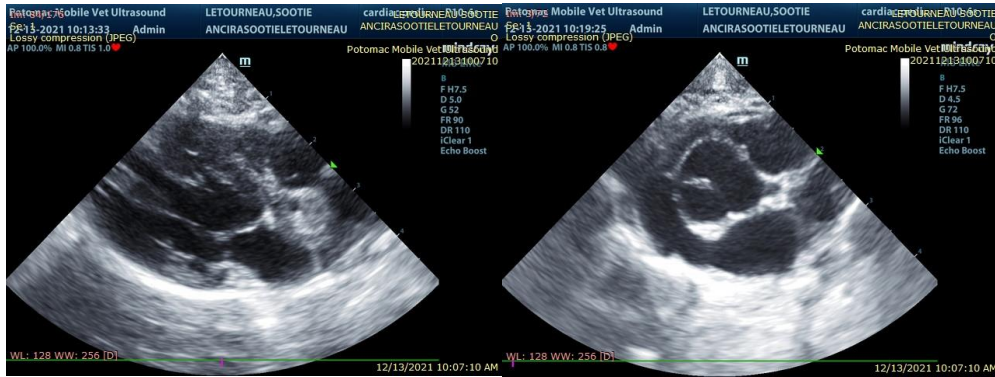
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PATIENT

Sootie Letourneau

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.

SPECIES

Feline

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631-804-5754

BREED

DSH

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