


PRESENTING CLINICAL SIGNS

DATE History: Murmur, elevated BNP (1100). Mildly elevated Cr (1.7) with normal SDMA. Several renoliths noted in AUS.
1/4/22

ECHOCARDIOGRAPHIC FINDINGS

PERFORMED BY: 2D, M-mode, and Doppler study.

Dr. Meredith Swart Left atrial size is normal. The mitral valve is normal. There is borderline mild left ventricular hypertrophy. Left ventricular internal dimensions are normal. Left ventricular systolic function is hyperdynamic. The aorta and aortic valve are normal. Right atrial and right ventricular dimensions are normal. The tricuspid valve is normal. The pulmonary artery and pulmonic valve are normal. No shunting lesions are visualized. No pericardial effusion or cardiac masses are seen.

INTERPRETED BY

Keith Blass, DVM,
MS, DACVIM
(Cardiology)

LA/Ao – 1.46
IVSd – 5.8 mm
LVPWd – 5.8 mm
LVIDd – 13.5 mm
LVIDs – 5.6 mm
FS – 58.8%
LVOT – 0.83 m/s
RVOT – 0.76 m/s

PATIENT

Buckwheat Robertson

SPECIES ASSESSMENT/RECOMMENDATIONS

Feline This examination is equivocal for the presence of cardiac disease, as Buckwheat has borderline mild hypertrophy of his left ventricular walls. While this does not meet the definitive threshold of 6 millimeters to diagnose hypertrophic cardiomyopathy (HCM), some cats with wall thicknesses of 5.5 millimeters and above will be affected with the disease, and Buckwheat's elevated BNP value suggests that this may be the case with him. If HCM is present, the absence of secondary left atrial dilation suggests that Buckwheat's current risk for the development of congestive heart failure and/or thromboembolic disease appears to be low.

BREED
DSH
SEX

No therapy is recommended based on this exam.

MN

A recheck echocardiogram is recommended in 6-9 months, sooner if new clinical signs compatible with cardiac dysfunction develop.

AGE

15 y

WEIGHT

10 lb

HOSPITAL NAME

Swart Veterinary
Imaging


REFERRING VET

Dr. Swart

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.



DATE

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.

1/4/22

PERFORMED BY:

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Dr. Meredith Swart

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