



PRESENTING CLINICAL SIGNS

DATE History: Grade III/VI murmur. CHF. Receiving furosemide 12.5 mg BID. BUN 34, Cr 2.4.

11/29/22

ECHOCARDIOGRAPHIC FINDINGS

2D, M-mode, and Doppler study.

PERFORMED BY:

Shari Reffi, CVT

INTERPRETED BY

Keith Blass, DVM,
MS, DACVIM
(Cardiology)

There is moderate to severe left atrial dilation. The mitral valve appears normal, though mild mitral regurgitation is present. Left ventricular wall thickness is normal. There is mild left ventricular dilation. Left ventricular systolic function is normal. The aorta and aortic valve are normal. 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

Bruce Wayne
Dispenziere

LA/Ao – 2.31
IVSd – 4.8 mm
LVPWd – 4.7 mm
LVIDd – 21.3 mm
LVIDs – 12.4 mm
FS – 41.8%
LVOT – 1.30 m/s
RVOT – 0.90 m/s

ASSESSMENT/RECOMMENDATIONS

SPECIES

Feline

This examination demonstrates moderate to severe dilation of Bruce Wayne's left atrium and mild dilation of his left ventricle, with differentials for these findings including a restrictive cardiomyopathy (RCM), cardiac thyrotoxicosis, or a combination of the two. Given the presence of moderate to severe left atrial dilation, it comes as no surprise that Bruce Wayne has experienced congestive heart failure (CHF). In addition to recurrent CHF, he is at risk for the development of thromboembolic disease and arrhythmia formation, therefore, careful monitoring for clinical signs associated with these conditions is recommended.

BREED

DSH

SEX

MN

AGE

10 y

A T4 level is recommended.

Continued use of furosemide at the lowest effective dose is recommended, as is therapy with clopidogrel (18.75 mg SID). ACE-inhibitor therapy is not recommended at this time due to Bruce Wayne's azotemia, however, consideration can be given to replacing it with spironolactone (6.25 mg BID), though ~25% of cats receiving this medication will develop a reversible facial dermatitis that necessitates discontinuation.

A recheck echocardiogram is recommended in 6 months. Thoracic radiographs are recommended any time clinical signs compatible with CHF develop.

WEIGHT

16 lb

HOSPITAL NAME

AH of Sussex County

REFERRING VET

Dr. Ackernecht



DATE

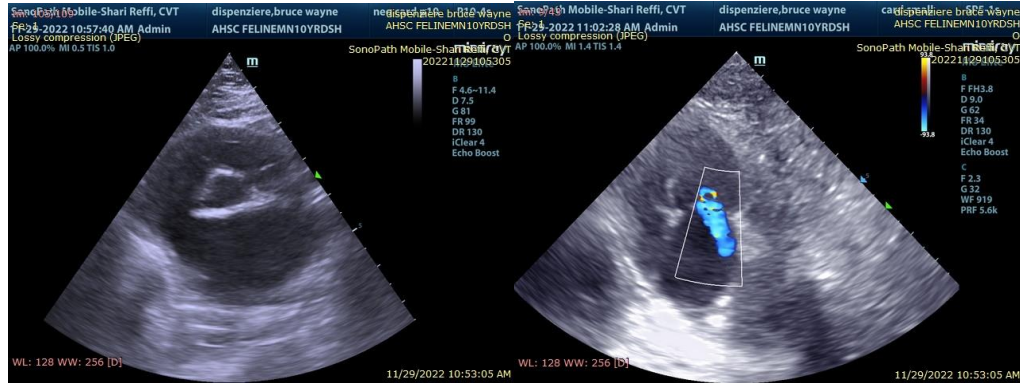
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PATIENT

Bruce Wayne
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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.

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

Keith Blass, DVM, MS, DACVIM (Cardiology)

Feline

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631-804-5754

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