



PRESENTING CLINICAL SIGNS

History: Grade III/VI left-sided murmur. Receiving omega-3 fatty acids.

DATE

1/17/23

ECHOCARDIOGRAPHIC FINDINGS

2D, M-mode, and Doppler study.

PERFORMED BY:

Jessica Miller

INTERPRETED BY

Keith Blass, DVM,
MS, DACVIM
(Cardiology)

There is mild left atrial dilation. The mitral valve leaflets are thickened and exhibit systolic prolapse. A mild to moderate jet of eccentric mitral regurgitation is present. There is mild left ventricular dilation. Left ventricular systolic function is normal. The aorta and aortic valve appear normal, though there is mildly increased flow velocity in the ascending aorta. Right atrial and right ventricular dimensions are normal. The tricuspid valve leaflets are mildly thickened, and a mild jet of tricuspid regurgitation is present. TR velocity does not suggest the presence of pulmonary hypertension. The pulmonary artery and pulmonic valve are normal. No shunting lesions are visualized. No pericardial effusion or cardiac masses are seen.

LA - 36.3 mm
LVIDd - 36.3 mm
LVIDs - 21.1 mm
FS - 41.9%
RA - 22.7 mm
LVOT - 1.86 m/s
RVOT - 1.11 m/s
TR - 2.71 m/s

PATIENT

Bella Akilah-Creary

SPECIES

Canine

ASSESSMENT/RECOMMENDATIONS

Degenerative mitral and tricuspid valve disease

BREED

CKCS

SEX

FS

AGE

8 y

This examination demonstrates regurgitation of blood across Bella's mitral and tricuspid valves resulting from degenerative valve disease. Bella's tricuspid valve is mild, and appears to be well-compensated at this time. Her mitral valve disease is a bit more advanced, as Bella has mild to moderate mitral regurgitation present, with mild secondary dilation of both her left atrium and left ventricle, though her left ventricular systolic function is well-preserved. As only mild left heart chamber dilation is present, Bella's current risk for the development of clinical signs secondary to her mitral valve disease, such as coughing, exercise intolerance, syncope, and labored breathing, appears to be relatively low, though careful monitoring for these signs is recommended.

I recommend starting Bella on pimobendan (5 mg am, 2.5 mg pm), as this medication should help to slow the progression of her valvular diseases.

A recheck echocardiogram is recommended in 9 months. Thoracic radiographs are recommended if Bella experiences respiratory clinical signs.

WEIGHT

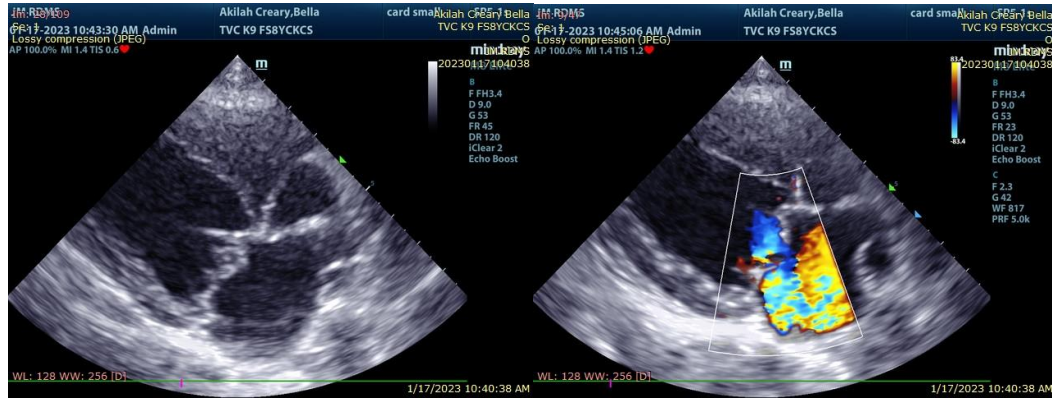
31.2 lb

HOSPITAL NAME

Tranquility VC

REFERRING VET

Dr. House



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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.

PATIENT

Bella Akilah-Creary

Keith Blass, DVM, MS, DACVIM (Cardiology)
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631-804-5754

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