

PATIENT PRESENTING CLINICAL SIGNS

Sissy McNeil
History: Had likely syncopal episode at routine exam, vocalized, stiffened, unable to stand, twisted neck, unable to use left rear, radiographs revealed heart enlargement
Medication: Meloxicam

SPECIES

Canine

BREED

Yorkshire Terrier

SEX

FS

AGE

12 years

WEIGHT

5.6#

ECHOCARDIOGRAPHIC FINDINGS

Multiple 2D, M-mode and Doppler video loops and still images are submitted for review.

There is borderline 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 borderline mild left ventricular dilation. Left ventricular systolic function is hyperdynamic. The aorta and aortic valve are normal. 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 pericardial effusion or cardiac masses are seen.

- LA - 20.1 mm
- LVIDd - 20.5 mm
- LVIDs - 9.3 mm
- FS - 54.6%
- LVOT - 1.49 m/s
- RVOT - 0.98 m/s
- TR - 2.50 m/s

INTERPRETED BY

Keith Blass, DVM,
MS, DACVIM

ASSESSMENT/RECOMMENDATIONS

Degenerative mitral and tricuspid valve disease

IMAGING PERFORMED BY

Rebekah Jakum, CVT
ARDMS/RVT

This examination demonstrates regurgitation of blood across Sissy's mitral and tricuspid valves resulting from degenerative valve disease. Sissy's tricuspid valve disease is mild and appears to be well-compensated at this time. Her mitral valve disease is slightly more advanced, as Sissy has mild to moderate mitral regurgitation present, with borderline mild secondary dilation of her left atrium and left ventricle. Given the absence of more advanced changes, it's unlikely that Sissy's mitral valve disease is the cause of her syncopal episode, and I suspect that the episode was vasovagal in origin (though seizure activity should be considered as well).

HOSPITAL NAME

Blue Ridge VC

While Sissy does not meet the definitive criteria to start pimobendan (0.625 mg BID), I still recommended starting her on it, as the medication should decrease her risk for syncope secondary to her mitral valve disease.

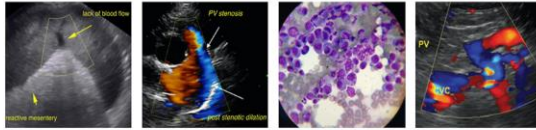
REFERRING VET

Dr. Filchner

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

DATE

1.26.2022



PATIENT

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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.

AGE

12 years

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.

WEIGHT

5.6#

Keith Blass, DVM, MS, DACVIM (Cardiology)

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