



PRESENTING CLINICAL SIGNS

History: Grade 3/6 murmur. Coughing.

DATE

6/14/23

ECHOCARDIOGRAPHIC FINDINGS

2D, M-mode, and Doppler study.

PERFORMED BY:

Val Shumskaya

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 mildly 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 shunting lesions are visualized. No pericardial effusion or cardiac masses are seen.

LA - 36.5 mm
LVIDd - 36.3 mm
LVIDs - 20.6 mm
FS - 43.2%
RA - 22.4 mm
LVOT - 1.34 m/s
RVOT - 1.02 m/s
TR - 1.91 m/s

PATIENT

Cody Page

SPECIES

Canine

BREED

Min. Schnauzer

SEX

MN

AGE

8 y

WEIGHT

23.7 lb

HOSPITAL NAME

New Bridge VP

REFERRING VET

Dr. Glennon

ASSESSMENT/RECOMMENDATIONS

Degenerative mitral and tricuspid valve disease

This examination demonstrates regurgitation of blood across Cody's mitral and tricuspid valves resulting from degenerative valve disease. Cody's tricuspid valve disease is mild, and appears to be well-compensated. His mitral valve disease is a bit more advanced, as Cody has mild to moderate mitral regurgitation present, with mild secondary dilation of both his left atrium and left ventricle, though his left ventricular systolic function is well-preserved. As only mild left heart chamber dilation is present, it's unlikely that mainstem bronchial compression is contributing to Cody's cough, and his current risk for the development of left-sided congestive heart failure appears to be relatively low.

Thoracic radiographs are recommended to further evaluate Cody's cough.

I recommend starting Cody on pimobendan (2.5 mg BID), as this medication should help to slow the progression of his mitral valve disease.

A recheck echocardiogram is recommended in 9 months.



DATE

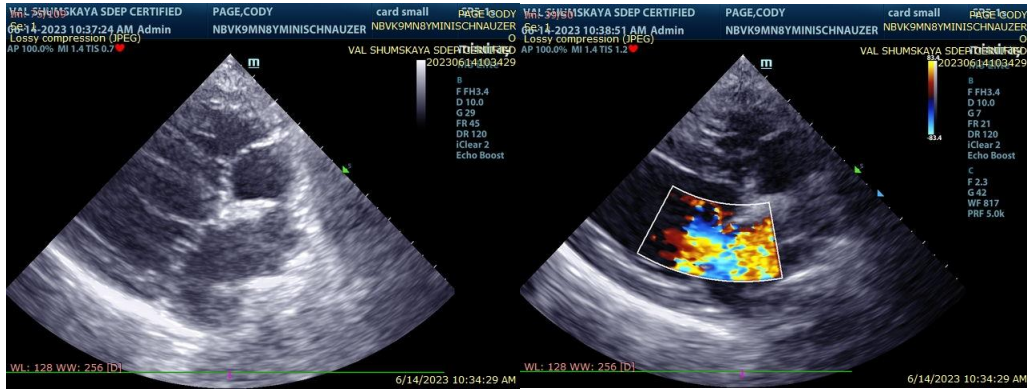
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

PATIENT

Cody Page

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

Canine

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

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