



PRESENTING CLINICAL SIGNS

DATE History: New grade 3/6 systolic murmur.

7/27/23

ECHOCARDIOGRAPHIC FINDINGS

2D, M-mode, and Doppler study.

PERFORMED BY:

Karen Ebersole, DVM,
DABVP

Left atrial size is normal. The mitral valve leaflets are mildly thickened, and a mild jet of mitral regurgitation is present. Left ventricular dimensions are normal. Left ventricular systolic function is normal. 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 - 45.5 mm
LVIDd - 48.6 mm
LVIDs - 32.2 mm
FS - 33.7%
LVOT - 1.84 m/s
RVOT - 1.62 m/s

PATIENT

Sadie Lizotte

ELECTROCARDIOGRAPHIC FINDINGS

A six lead ECG is submitted for review.

SPECIES

HR: 130-214 bpm
Rhythm: Sinus

Canine

Normal sinus rhythm and sinus tachycardia are present in this recording. The MEA is normal. All complex amplitudes and intervals are within normal limits. No premature beats or conduction blocks are seen.

BREED

Great Dane

ASSESSMENT/RECOMMENDATIONS

Degenerative mitral valve disease - stage B1

SEX

This examination demonstrates mild regurgitation of blood across Sadie's mitral valve resulting from degenerative valve disease. The hemodynamic effects of the regurgitation also appear to be mild, as Sadie does not have secondary dilation of either of her left heart chambers, and her left ventricular systolic function is normal. As such, Sadie's mitral valve disease appears to be well-compensated, and her current risk for the development of clinical signs secondary to it, such as coughing, exercise intolerance, syncope, and labored breathing, appear to be low.

FS

AGE

5 y

No pathologic arrhythmias are appreciated in Sadie's ECG.

No therapy is recommended at this stage of disease.

WEIGHT

A recheck echocardiogram is recommended in 6 months to monitor for disease progression.

104 lb

HOSPITAL NAME

Scanvet

REFERRING VET

Dr. Golden



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

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.

Sadie Lizotte

Keith Blass, DVM, MS, DACVIM (Cardiology)
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SPECIES

Canine

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Great Dane

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