



PATIENT

Sadie Kimball

SPECIES

Canine

BREED

Brittany Spaniel

SEX

FS

AGE

6 y

WEIGHT

53 lb

PRESENTING CLINICAL SIGNS

New grade 3/6 murmur. Intermittent bouts of lethargy and inappetence. Radiographic cardiomegaly.

ECHOCARDIOGRAPHIC FINDINGS

2D, M-mode, and Doppler study.

Left atrial size is normal. The mitral valve leaflets are mildly thickened, and a mild jet of eccentric mitral regurgitation is present. Left ventricular dimensions are normal. Left ventricular systolic function is hyperdynamic. The aorta and aortic valve are normal. Right atrial and right ventricular dimensions are normal. The tricuspid valve is normal. The pulmonary artery and pulmonary valve are normal. No shunting lesions are visualized. No pericardial effusion or cardiac masses are seen.

ECG during echo: Sinus rhythm

LA – 39.0 mm

LVIDd – 37.5 mm

LVIDs – 20.3 mm

FS – 45.9%

RA – 22.1 mm

LVOT – 1.50 m/s

RVOT – 1.23 m/s

TR – 1.55 m/s

INTERPRETED BY

Keith Blass, DVM, MS,
DACVIM (Cardiology)

IMAGING PERFORMED BY

Karen Ebersole, DVM,
DABVP

HOSPITAL NAME

Scanvet

REFERRING VET

Dr. Lane

INVOICE

DATE

4/1/26

ASSESSMENT/RECOMMENDATIONS

Degenerative mitral valve disease – stage B1

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 well-preserved. As such, Sadie'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 low.

No reason for Sadie's intermittent lethargy and inappetence is appreciated in the image set.

No therapy is recommended at this stage of disease.

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

