



PRESENTING CLINICAL SIGNS

DATE History: Grade 2-3/6 murmur. Asymptomatic.

ECHOCARDIOGRAPHIC FINDINGS

12/28/22 2D, M-mode, and Doppler study.

PERFORMED BY: Left atrial size is normal. The mitral valve leaflets are mildly thickened and exhibit mild systolic prolapse. A mild to moderate 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 appears normal, though trace tricuspid regurgitation is present. TR velocity does not suggest the presence of pulmonary hypertension. The pulmonary artery and pulmonic valve appear normal, though trivial pulmonic insufficiency is present. No shunting lesions are visualized. No heartworms are visualized. No pericardial effusion or cardiac masses are seen.

INTERPRETED BY Keith Blass, DVM, MS, DACVIM (Cardiology)

Kelly Vazquez

PATIENT

Frankie Busset

SPECIES

Canine

LA - 25.4 mm
LVIDd - 27.3 mm
LVIDs - 13.2 mm
FS - 51.6%
RA - 17.1 mm
LVOT - 1.10 m/s
RVOT - 0.74 m/s
TR - 2.05 m/s

ASSESSMENT/RECOMMENDATIONS

Degenerative mitral valve disease

BREED

Shih Tzu

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

SEX

MI

No therapy is recommended at this stage of Frankie's mitral valve disease.

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

AGE

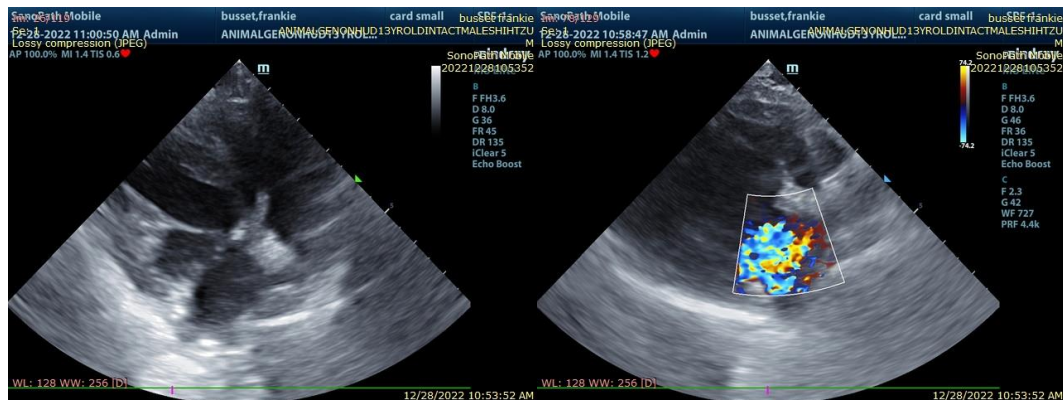
13 y

WEIGHT

17.4 lb

HOSPITAL NAME

Animal General on Hudson



REFERRING VET

Dr. Zelinski

The information and recommendations provided are based on the images presented by the



DATE referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

12/28/22 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.

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

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