

PRESENTING CLINICAL SIGNS

History: Grade III/VI/VI left-sided murmur. Dry cough started on 1/18/23. Cough also accompanied by a wheeze at the end. Thoracic radiographs on 1/20/23 WNL.

DATE

1/30/23

ECHOCARDIOGRAPHIC FINDINGS

2D, M-mode, and Doppler study.

PERFORMED BY:

Amy Mayhew, LVT

INTERPRETED BY

Keith Blass, DVM,
MS, DACVIM
(Cardiology)

Left atrial size is normal. The mitral valve leaflets are mildly thickened, and a mild to moderate jet of eccentric 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 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 appear normal, though trace pulmonic insufficiency is present. No shunting lesions are visualized. No pericardial effusion or cardiac masses are seen.

PATIENT

Jagger Moyet

LA - 29.2 mm
LVIDd - 29.1 mm
LVIDs - 17.1 mm
FS - 41.2%
RA - 19.2 mm
LVOT - 1.34 m/s
RVOT - 0.73 m/s
TR - 2.72 m/s

SPECIES

Canine

ASSESSMENT/RECOMMENDATIONS

Degenerative mitral and tricuspid valve disease

BREED

Shih Tzu Mix

Jagger's echocardiogram demonstrates regurgitation of blood across his mitral and tricuspid valves resulting from degenerative valve disease. The hemodynamic effects of each of the regurgitations appear to be mild, as Jagger does not have secondary dilation of any of his cardiac chambers. As such, Jagger's valvular diseases appear to be well-compensated, and the absence of left atrial dilation indicates that there does not appear to be a cardiac contribution to his cough/wheeze.

SEX

No therapy is recommended at this stage of Jagger's valvular diseases.

MN

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

AGE

12 y

WEIGHT

22.5 lb

HOSPITAL NAME

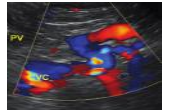
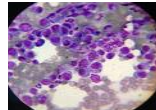
SVS Imaging MI



REFERRING VET

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

Family Pet Practice



visible in the image/video clips provided.

DATE

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.

1/30/23

PERFORMED BY:

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