



PATIENT

Muggins Scoular

SPECIES

Canine

BREED

Soft Coated Wheaten
Terrier

SEX

MN

AGE

11 y

WEIGHT

16.8 kg

INTERPRETED BY

Keith Blass, DVM, MS,
DACVIM (Cardiology)

IMAGING PERFORMED BY

Dr. Brian Barnes

HOSPITAL NAME

Westview VH

REFERRING VET

Dr. Barnes

INVOICE

DATE

12/18/25

PRESENTING CLINICAL SIGNS

Echo in June showed severe LV systolic dysfunction and mild MR/TR. BNP 1962. Taurine WNL. No current therapy.

ECHOCARDIOGRAPHIC FINDINGS

2D, M-mode, and Doppler study. This exam is compared to the one performed 6/3/25.

Left atrial size is normal. The mitral valve leaflets are mildly thickened, and a mild jet of mitral regurgitation is present. The left ventricular diastolic dimension is normal. Left ventricular systolic function is mildly depressed. 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.

ECG during echo: Sinus rhythm

LA – 37.5 mm (prev. 36.7 mm)
LVIDd – 33.8 mm (prev. 36.9 mm)
LVIDs – 26.2 mm (prev. 31.9 mm)
FS – 22.5% (prev. 13.6%)
RA – 25.8 mm (prev. 25.6 mm)
LVOT – 1.31 m/s (prev. 1.04 m/s)
RVOT – 1.25 m/s (prev. 0.71 m/s)
TR – 2.52 m/s (prev. 2.05 m/s)

ASSESSMENT/RECOMMENDATIONS

This examination demonstrates some improvement compared to Muggins' previous echocardiogram, as he now has only mild depression of his left ventricular systolic function. Given this, Muggins' dysfunction was, at least in part, secondary to a reversible cause (ex. myocarditis, dietary insufficiency). Given this improvement, Muggins' risk for the development of exercise intolerance, syncope, and/or arrhythmia formation has decreased, though careful monitoring for these is still recommended.

Muggins's valvular regurgitations are still mild and non-progressive.

As mild systolic dysfunction is still present, consideration can be given to starting Muggins on pimobendan (5 mg BID), benazepril (7.5 mg BID), and spironolactone (25 mg am, 12.5 mg pm).

A recheck echocardiogram is recommended in 6 months.



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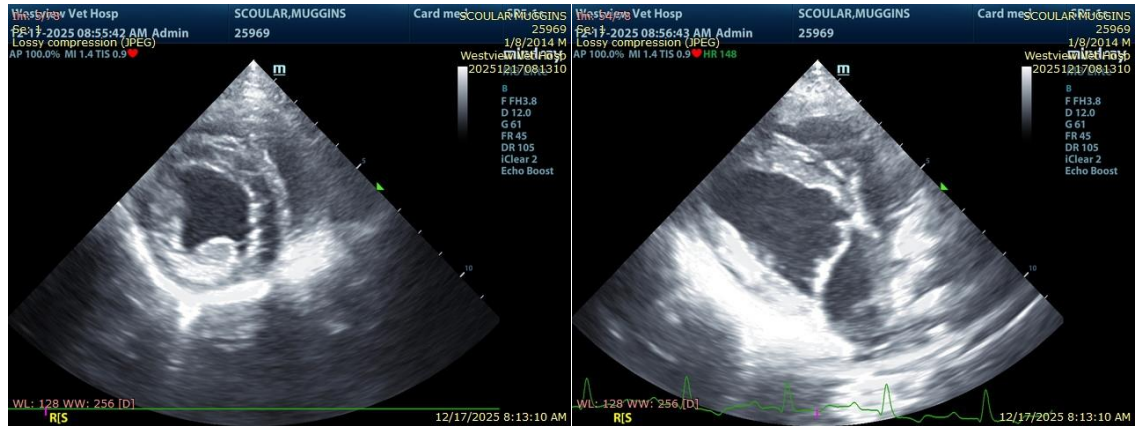
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

Keith Blass, DVM, MS, DACVIM (Cardiology)

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