



PATIENT

Cleo McKenzie

SPECIES

Canine

BREED

Leonberger

SEX

FS

AGE

3 y

WEIGHT

60.15 kg

INTERPRETED BY

Keith Blass, DVM, MS,
DACVIM (Cardiology)

IMAGING PERFORMED BY

Dr. McFarlen

HOSPITAL NAME

Westview VH

REFERRING VET

Dr. McFarlen

INVOICE

DATE

5/8/26

PRESENTING CLINICAL SIGNS

Diagnosed with mild LV systolic dysfunction in June 2024. Taurine WNL. Receiving pimobendan 15 mg BID.

ECHOCARDIOGRAPHIC FINDINGS

2D, M-mode, and Doppler study. This exam is compared to the one performed 6/17/24.

Left atrial size is normal. The mitral valve appears normal, though trace 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 appears normal, though very mild tricuspid regurgitation is present. 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 arrhythmia

LA - 41.5 mm (prev. 46.3 mm)
LVIDd - 43.8 mm (prev. 51.5 mm)
LVIDs - 30.3 mm (prev. 40.5 mm)
FS - 30.8% (prev. 21.4%)
RA - 31.5 mm (prev. 36.6 mm)
LVOT - 1.50 m/s (prev. 1.43 m/s)
RVOT - 1.41 m/s (prev. 0.80 m/s)

ASSESSMENT/RECOMMENDATIONS

This examination demonstrates improvement compared to Cleo's previous echocardiogram, as her left ventricular systolic function now measures normally, and her left heart chamber dimensions have decreased in size. It's unclear how much of this improvement could be secondary to pimobendan administration versus the presence of transient myocardial dysfunction (ex. diet-associated, myocarditis) that has since resolved, though it would be unlikely for pimobendan alone to result in a relevant improvement such as what it seen in today's exam. As Cleo's systolic function is now normal, her current risk for the development of clinical signs of cardiac dysfunction appears to be low.

Also seen in this exam is persistent very mild regurgitation of blood across Cleo's tricuspid valves, which is likely due to the presence of mild valvular dysplasia.

Given that Cleo's systolic function is now normal, it's unclear whether continued use of pimobendan is necessary at this time.

If pimobendan is discontinued, a recheck echocardiogram is recommended in 6 months. If it is continued, a recheck is recommended in 12 months.



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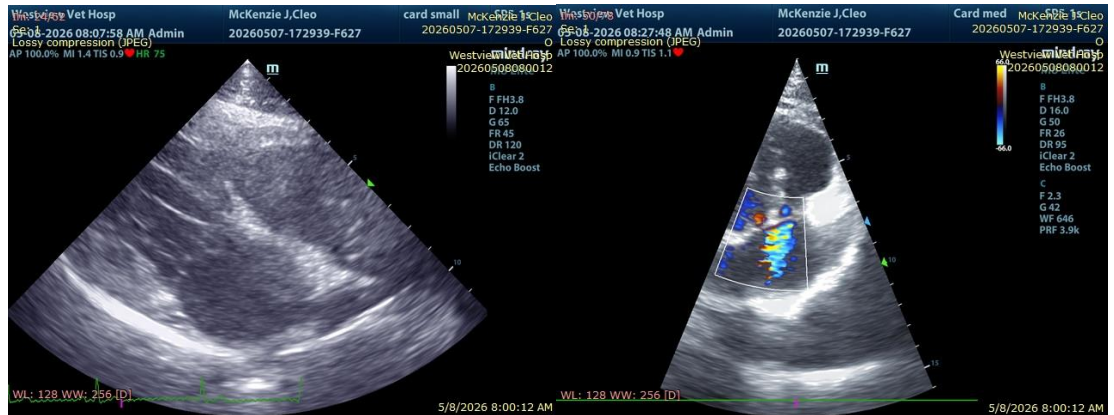
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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