


DATE PRESENTING CLINICAL SIGNS

7/12/23 History: Cardiomegaly noted in radiographs. Receiving furosemide 12.5 mg am, 6.25 mg pm, and pimobendan 1.25 mg BID.

ECHOCARDIOGRAPHIC FINDINGS
PERFORMED BY:

2D, M-mode, and Doppler study.

Kelly Vazquez

There is mild, approaching mild to moderate, left atrial dilation. The mitral valve appears normal, though mild mitral regurgitation is present. Left ventricular wall thickness is normal. There is mild left ventricular dilation. Left ventricular systolic function is severely depressed. The aorta and aortic valve are normal. Right atrial and right ventricular dimensions are normal. The tricuspid is normal. The pulmonary artery and pulmonic valve are normal. No shunting lesions are visualized. No pericardial effusion or cardiac masses are seen.

INTERPRETED BY

Keith Blass, DVM,
MS, DACVIM
(Cardiology)

PATIENT

Emma Astudillo

LA/Ao – 1.79
IVSd – 3.8 mm
LVPWd – 3.6 mm
LVIDd – 20.6 mm
LVIDs – 17.8 mm
FS – 13.6%
LVOT – 0.80 m/s
RVOT – 0.54 m/s

SPECIES

Feline

ASSESSMENT/RECOMMENDATIONS

Dilated cardiomyopathy (DCM)

BREED
DMH
SEX
FS
AGE
15 y
WEIGHT

10.125 lb

HOSPITAL NAME

New Bridge
Veterinary

REFERRING VET

Dr. Glennon

This examination demonstrates severe depression of Emma's left ventricular systolic function, with differentials for this finding including primary DCM, a taurine-deficiency cardiomyopathy, and myocarditis. Secondary to her myocardial dysfunction, Emma has mild, approaching mild to moderate, dilation of her left atrium and mild dilation of her left ventricle. Given this, Emma is at risk for the development of congestive heart failure (CHF), thromboembolic disease, and/or arrhythmia formation, and careful monitoring for clinical signs associated with these conditions is recommended.

A whole blood taurine level is recommended, and taurine supplementation (250 mg BID) should be given pending the results.

Continued use of pimobendan is warranted based on this exam, as is therapy with enalapril (1.25 mg BID) and clopidogrel (18.75 mg SID). Continued use of furosemide would be warranted if Emma has experienced clinical signs compatible with CHF.

A renal/electrolyte profile is recommended in 1-2 weeks. A recheck echocardiogram is recommended in 6 months. Thoracic radiographs are recommended if Emma experiences respiratory clinical signs.



DATE

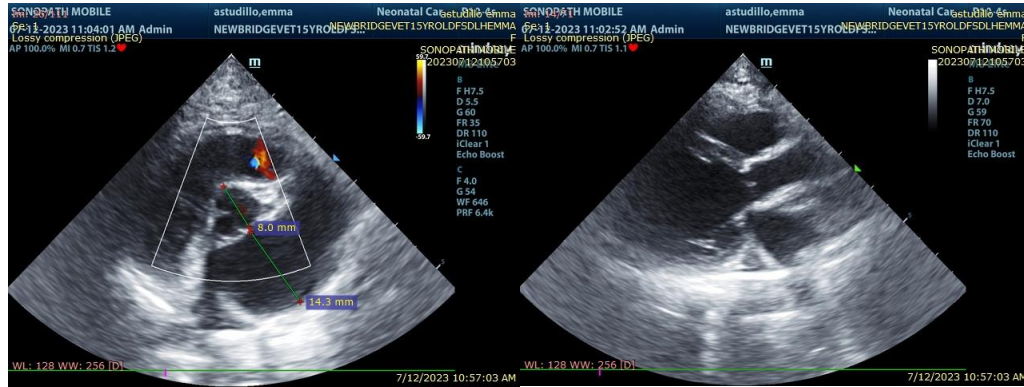
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(Cardiology)



PATIENT

Emma Astudillo

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 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.

SPECIES

Feline

Keith Blass, DVM, MS, DACVIM (Cardiology)
KeithBlass@gmail.com
631-804-5754

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