



**PRESENTING CLINICAL SIGNS**

History: Previously diagnosed with DCM. Receiving furosemide, enalapril, and pimobendane.

**DATE**

2/2/22

**ECHOCARDIOGRAPHIC FINDINGS**

2D, M-mode, and Doppler study.

**PERFORMED BY:**

Shari Reffi, CVT

**INTERPRETED BY**

Keith Blass, DVM,  
MS, DACVIM  
(Cardiology)

There is mild left atrial dilation. The mitral valve appears normal, though mild to moderate mitral regurgitation is present. There is moderate 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 valve is normal. 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.

LA - 62.0 mm  
LVIDd - 75.6 mm  
LVIDs - 66.9 mm  
FS - 11.6%  
RA - 30.5 mm  
LVOT - 1.35 m/s  
RVOT - 1.46 m/s

**PATIENT**

Gallagher Buonanno

**ASSESSMENT/RECOMMENDATIONS**

Dilated cardiomyopathy (DCM)

**SPECIES**

Canine

**BREED**

Great Dane

**SEX**

MI

**AGE**

1 y

This examination demonstrates severe depression of Gallagher's left ventricular systolic function, consistent with his previous diagnosis of DCM. Given his breed, it's likely that Gallagher suffers from a primary genetic-based form of the disease, though careful evaluation of his diet history is recommended (ex. boutique brand, exotic meat source, grain-free). Secondary to his myocardial dysfunction, Gallagher has moderate dilation of his left ventricle and mild dilation of his left atrium. As only mild left atrial dilation is present, Gallagher's current risk for the development of left-sided congestive heart failure does not appear to be significantly elevated, though careful monitoring of his respiratory rate/effort is recommended. Gallagher is at higher risk for the development of clinical signs of low cardiac output, such as exercise intolerance and syncope, as well as arrhythmia formation, and dogs with DCM are also at risk for the development of right-sided congestive heart failure.

Gallagher's current medications appear to be appropriate based on this exam, as is therapy with spironolactone (62.5 mg BID).

A recheck echocardiogram is recommended in ~6 months. Thoracic/abdominal radiographs are recommended if clinical signs compatible with congestive heart failure develop.

**WEIGHT**

135 lb

**HOSPITAL NAME**

North Warren AH

**REFERRING VET**

Dr. Corrado



DATE

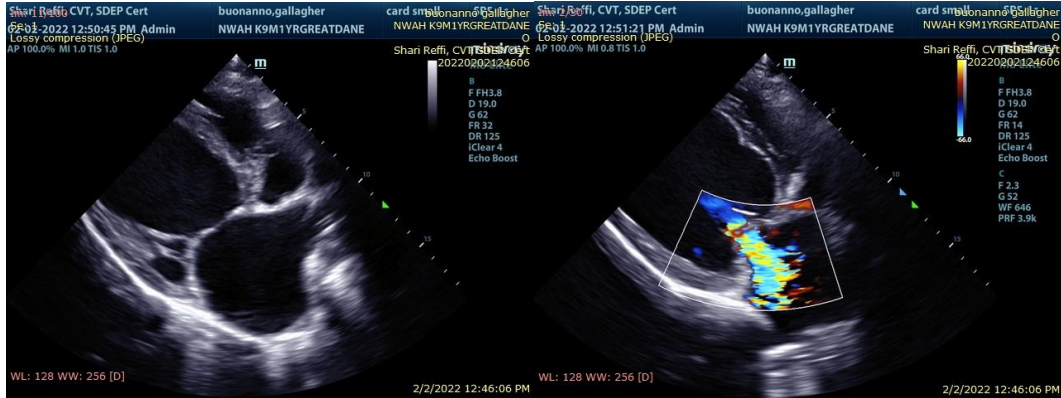
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

PATIENT

Gallagher Buonanno

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

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