



PRESENTING CLINICAL SIGNS

History: Grade II/VI left-sided murmur. Family history of cardiac disease. CKD.

DATE

8/15/23

ECHOCARDIOGRAPHIC FINDINGS

2D, M-mode, and Doppler study.

PERFORMED BY:

Jessica Miller, RDMS

INTERPRETED BY

Keith Blass, DVM,
MS, DACVIM
(Cardiology)

There is moderate left atrial dilation based on absolute left atrial diameter and mild dilation based on the left atrial to aortic ratio. The mitral valve appears normal, though mild mitral regurgitation is present. Left ventricular wall thickness is normal. Left ventricular dimensions are normal. Left ventricular systolic function is hyperdynamic. The aorta and aortic valve are normal. Right atrial and right ventricular dimensions are normal. The tricuspid valve appears normal, though mild tricuspid regurgitation is present. TR velocity does not suggest the presence of pulmonary hypertension. The pulmonary artery and pulmonic valve are normal. No heartworms are visualized. No shunting lesions are visualized. No pericardial effusion or cardiac masses are seen.

PATIENT

Clyde Gaydos

LA - 19.9 mm
LA/Ao - 1.65
IVSd - 4.9 mm
LVPWd - 4.6 mm
LVIDd - 16.3 mm
LVIDs - 6.8 mm
FS - 58%
RA - 12.0 mm
LVOT - 1.35 m/s
RVOT - 0.81 m/s
TR - 1.20 m/s

SPECIES

Feline

ASSESSMENT/RECOMMENDATIONS

BREED

This examination demonstrates dilation of Clyde's left atrium, with differentials for this finding including a restrictive cardiomyopathy (RCM), an atrial myopathy, and cardiac thyrotoxicosis. It's unclear how much actual dilation there is, as Clyde's left atrial diameter of 19.9 mm is consistent with moderate dilation, while his LA/Ao ratio is consistent with only mild dilation. In either case, the presence of left atrial dilation indicates that Clyde is at risk for the development of congestive heart failure, thromboembolic disease, and arrhythmia formation, and he is also at risk of being fluid overloaded, therefore, significant caution must be taken if he is to continue to receive supplemental fluid therapy.

DSH

SEX

MN

A T4 level is recommended.

AGE

13 y

Recommended therapy based on this exam is clopidogrel (18.75 mg SID), as this medication should help to reduce Clyde's risk for cardiac thrombus formation.

WEIGHT

12 lb

A recheck echocardiogram is recommended in 6 months. Thoracic radiographs are recommended if Clyde experiences respiratory clinical signs.

HOSPITAL NAME

Ridgewood VH - VCA

REFERRING VET

Dr. Healey



DATE

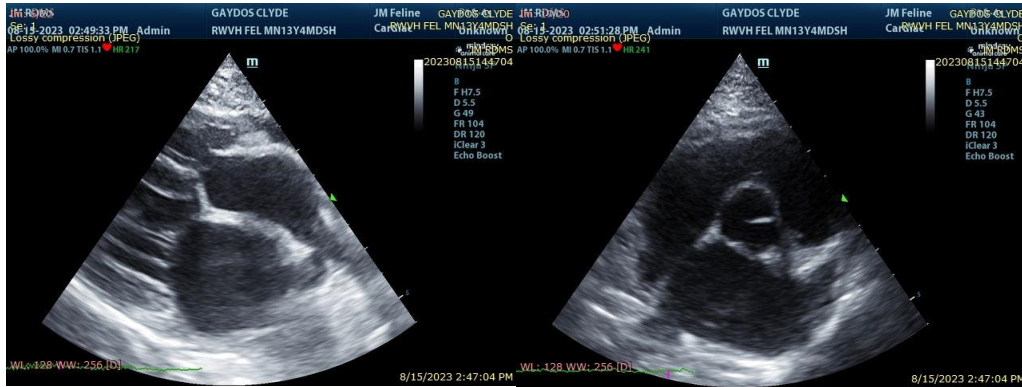
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

PATIENT

Clyde Gaydos

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)

KeithBlass@gmail.com

631-804-5754

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