



PRESENTING CLINICAL SIGNS

DATE History: New grade 2-3/6 murmur. History of asthma and was treated with DepoMedrol injection.

12/28/22 **ECHOCARDIOGRAPHIC FINDINGS**
2D, M-mode, and Doppler study.

PERFORMED BY: Left atrial size is normal. The mitral valve appears normal, though trace mitral regurgitation is present. There is moderate hypertrophy of the interventricular septum. Left ventricular posterior wall thickness is normal. Left ventricular internal dimensions are normal. A moderator band (part of conduction system) can be seen within the left ventricular lumen. Left ventricular systolic function is mildly hyperdynamic. The aorta and aortic valve appear normal, though there is very mildly increased flow velocity in the ascending aorta. Right atrial and right ventricular dimensions are normal. The tricuspid valve is normal. The pulmonary artery and pulmonic valve are normal. No shunting lesions are visualized. No heartworms are visualized. No pericardial effusion or cardiac masses are seen.

Dr. Gabriel Ferrer

INTERPRETED BY

Keith Blass, DVM,
MS, DACVIM
(Cardiology)

ECG during echo: Sinus rhythm

PATIENT

Wanda Alustiza
Pacheco

LA/Ao - 1.47
IVSd - 7.3
LVPWd - 5.1 mm
LVIDd - 15.0 mm
LVIDs - 7.2 mm
FS - 52%
LVOT - 1.50 m/s
RVOT - 0.95 m/s

SPECIES

Feline

ASSESSMENT/RECOMMENDATIONS

BREED

Hypertrophic cardiomyopathy (HCM)

DSH

This examination demonstrates moderate hypertrophy of Wanda's interventricular septum, consistent with the presence of HCM. The hemodynamic effects of Wanda's hypertrophy appear to be fairly mild, as he does not have secondary dilation of his left atrium, indicating that his current risk for the development of congestive heart failure and/or thromboembolic disease appears to be low.

SEX

MN

Wanda's murmur appears to be due to very mildly increased flow velocity in his aorta, which is a common reason for a functional/innocent murmur to develop in cats.

AGE

15 mo

No therapy is recommended at this stage of disease. Significant caution must be used if Wanda is to receive additional steroid therapy due to the potential for glucocorticoid-associated congestive heart failure to develop.

WEIGHT

11 lb

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

HOSPITAL NAME

Paseos VC

REFERRING VET

Dr. Walker



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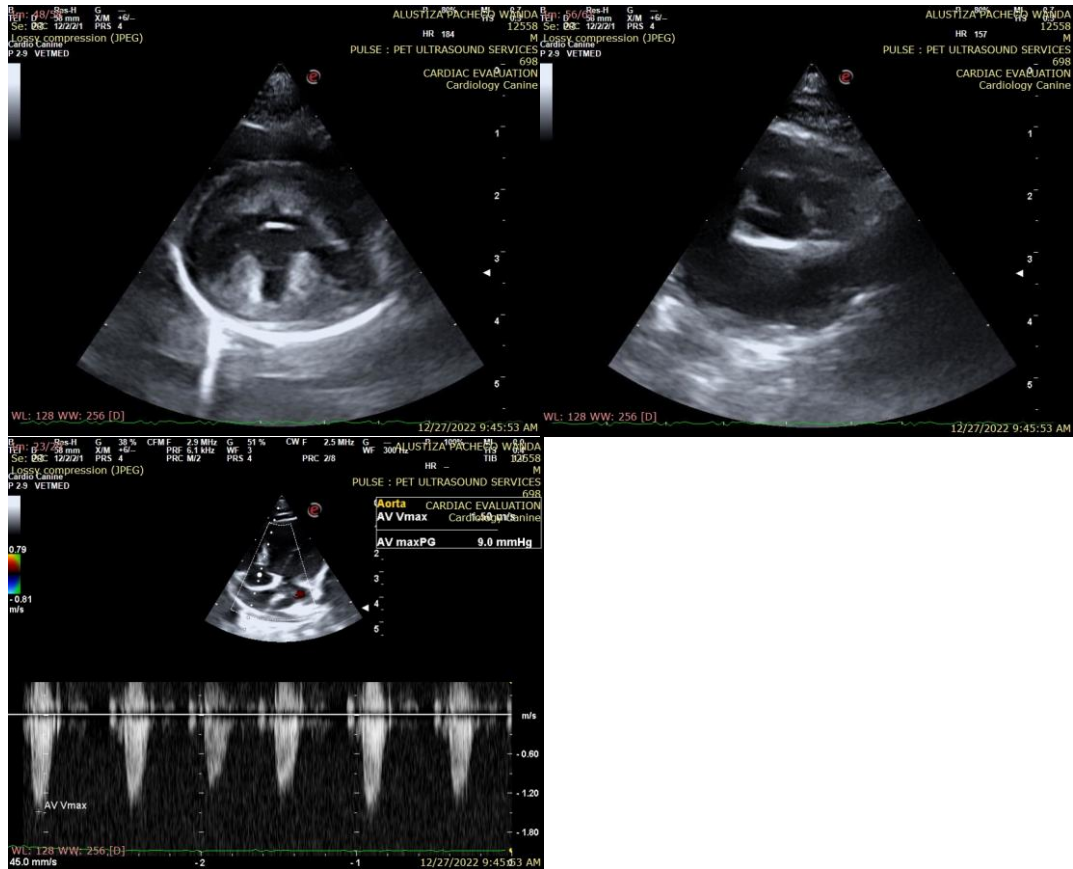
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

Keith Blass, DVM, MS, DACVIM (Cardiology)

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