


PRESENTING CLINICAL SIGNS

DATE History: Recent history of lethargy. Arrhythmia noted on PE. ECG shows runs of ventricular tachycardia when excited. Started on sotalol 60 mg BID two days ago. Improvement in demeanor since starting therapy. Holter monitor to be placed today.

3/2/22

ECHOCARDIOGRAPHIC FINDINGS

PERFORMED BY 2D, M-mode, and Doppler study.

Dr. Meredith Swart Left atrial size is normal. The mitral valve is normal. Left ventricular dimensions are 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 is normal. The pulmonary artery and pulmonic valve are normal. No heartworms are visualized. No pericardial effusion or cardiac masses are seen.

INTERPRETED BY Keith Blass, DVM, MS, DACVIM (Cardiology)

LA - 41.5 mm
 LVIDd - 43.9 mm
 LVIDs - 34.1 mm
 FS - 22.3%
 LVOT - 0.70 m/s
 RVOT - 0.95 m/s

PATIENT

Daisy Lavorgna

ASSESSMENT/RECOMMENDATIONS

SPECIES This examination demonstrates mild depression of Daisy's left ventricular systolic function. While it's possible that the sotalol Daisy is receiving could be mildly affecting her systolic function, I wouldn't necessarily expect the medication to cause the fractional shortening to drop below the lower limit of the normal reference interval, therefore, I suspect that mild primary myocardial dysfunction is present. Given Daisy's breed and the presence of VPCs, I suspect that she suffers from arrhythmogenic right ventricular cardiomyopathy (ARVC), however, the presence of dilated cardiomyopathy (DCM) cannot be definitively ruled out. As only mild myocardial dysfunction is present, with no secondary chamber dilation, Daisy's current risk for the development of left-sided congestive heart failure appears to be low, however, her arrhythmia puts her at risk for the development of exercise intolerance, syncope, and even sudden death.

Canine

BREED Boxer

SEX As a precaution, I recommend starting Daisy on pimobendan (10 mg BID) and enalapril (15 mg BID), as these medications will help to support her myocardial function. Significant exercise restriction is recommended given the presence of ventricular tachycardia.

FS

AGE A recheck ECG/Holter monitor and a renal/electrolyte profile are recommended in 2 weeks. A recheck echocardiogram is recommended in 6 months.

5 y

WEIGHT

70 lb

HOSPITAL NAME

Swart Veterinary Imaging

REFERRING VET

Dr. Swart



DATE

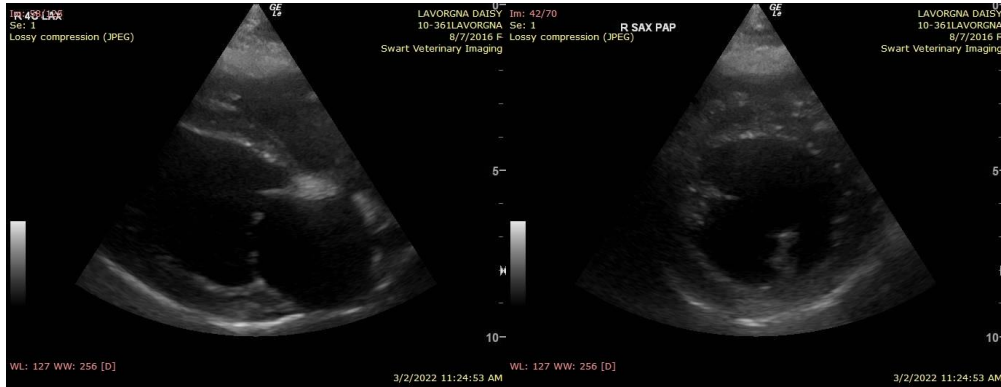
3/2/22

PERFORMED BY

Dr. Meredith Swart

INTERPRETED BY

Keith Blass, DVM,
MS, DACVIM
(Cardiology)



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

Daisy Lavorgna

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

Canine

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631-804-5754

BREED

Boxer

SEX

FS

AGE

5 y

WEIGHT

70 lb

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Imaging

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