


PRESENTING CLINICAL SIGNS

DATE History: Arrhythmia. ECG showed frequent monomorphic VPCs with bigeminy.

ECHOCARDIOGRAPHIC FINDINGS

2/28/23
 2D, M-mode, and Doppler study.

PERFORMED BY:

Dr. Meredith Swart

Left atrial size is normal. The mitral valve is normal. Left ventricular dimensions are normal. Left ventricular systolic function is normal. 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. No pericardial effusion or cardiac masses are seen.

INTERPRETED BY

Keith Blass, DVM,
 MS, DACVIM
 (Cardiology)

LA - 39.8 mm
 LVIDd - 40.1 mm
 LVIDs - 29.7 mm
 FS - 25.9%
 LVOT - 1.40 m/s
 RVOT - 0.97 m/s

PATIENT

Sahara Regan

ASSESSMENT/RECOMMENDATIONS

This examination demonstrates no evidence of structural heart disease. While myocardial dysfunction does not appear to be present, it's still possible that Sahara's VPCs could be due to the presence of dilated cardiomyopathy (DCM), as some Dobermans with this disease will experience arrhythmias prior to the onset of identifiable myocardial dysfunction. Having said, consideration should also be given to other possible causes of VPCs, such as splenic/hepatic disease, drug/toxin exposure, severe electrolyte abnormalities, and infectious/inflammatory disease.

SPECIES

Canine

No therapy is recommended based on Sahara's echocardiogram.

BREED

Doberman Pinscher

Ideally, a Holter monitor would be performed to determine the severity of Sahara's arrhythmia. If not possible, the presence of frequent VPCs and bigeminy in her ECG indicates that therapy with sotalol (40 mg BID) is likely warranted.

SEX

FS

A recheck ECG and/or Holter monitor is recommended in 2 weeks. A recheck echocardiogram is recommended in ~6 months to evaluate for the development of myocardial dysfunction.

AGE

10 y


WEIGHT

78 lb

HOSPITAL NAME

Swart Veterinary
 Imaging

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.

REFERRING VET

Dr. Swart



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.

DATE

2/28/23

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PATIENT

Sahara Regan

SPECIES

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