



RESENTING CLINICAL SIGNS

History: Pre-anesthetic ECG (mass removal) revealed a ventricular arrhythmia.

DATE

12/23/21

ECHOCARDIOGRAPHIC FINDINGS

2D, M-mode, and Doppler study.

PERFORMED BY:

Sarah Pender, CVT

Left atrial size is normal. The mitral valve is normal. Left ventricular dimensions are normal, as is left ventricular systolic function. The aorta and aortic valve are normal. Right atrial and right ventricular dimensions are normal. The tricuspid valve appears normal, though trace tricuspid regurgitation is present. The pulmonary artery and pulmonic valve are normal. No shunting lesions are visualized. No pericardial effusion or cardiac masses are seen.

INTERPRETED BY

Keith Blass, DVM,
MS, DACVIM
(Cardiology)

ECG during echo: Sinus rhythm

LA - 39.8 mm
LVIDd - 36.0 mm
LVIDs - 24.0 mm
FS - 33%
RA - 27.1 mm
LVOT - 1.25 m/s
RVOT - 1.19 m/s

PATIENT

Fracier Depover

SPECIES ASSESSMENT/RECOMMENDATIONS

Normal echocardiogram

Canine

This examination demonstrates no evidence of structural heart disease. Given Fracier's breed, it's likely that he suffers from the form of arrhythmogenic right ventricular cardiomyopathy (ARVC) that is characterized by ventricular arrhythmias in the absence of myocardial dysfunction.

BREED

Boxer

Fracier's risk for anesthesia is not increased based on his echocardiogram, however, it is increased based on his arrhythmia, and the degree of risk would be determined by the severity of his VPCs. As a precaution, I recommend avoiding the use of alpha-2 agonists, ketamine, telazol, and, if possible, anticholinergics in the anesthetic protocol. Lidocaine (2 mg/kg slow IV) should be available in case a significant ventricular arrhythmia develops during the procedure.

SEX

MN

No therapy is recommended based on Fracier's echocardiogram. If his arrhythmia is significant enough to warrant therapy, sotalol (40 mg BID) would be recommended.

AGE

5 y

A recheck ECG is recommended in 2 weeks if sotalol is started. A recheck echocardiogram is recommended if new physical exam and/or clinical abnormalities suggestive of the presence of structural heart disease develop.

WEIGHT

81 lb

HOSPITAL NAME

SVS Imaging QC

REFERRING VET

Dr. Baskin



DATE

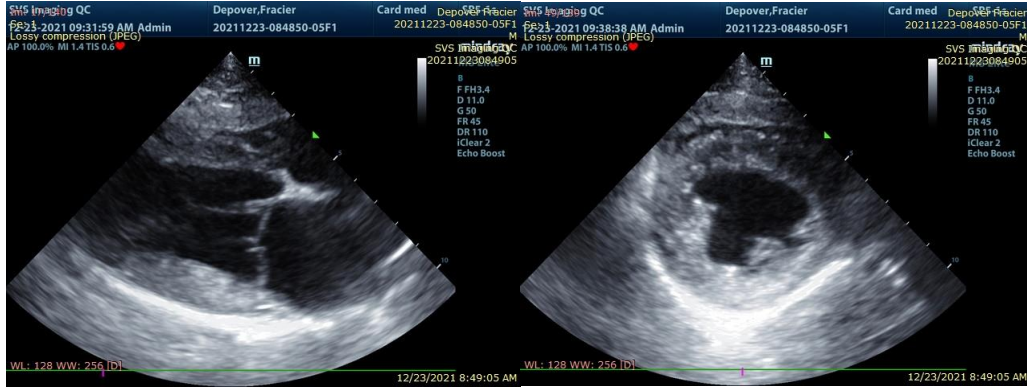
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

PATIENT

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.

Fracier Depover

Keith Blass, DVM, MS, DACVIM (Cardiology)

KeithBlass@gmail.com

SPECIES

631-804-5754

Canine

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Boxer

SEX

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