


PRESENTING CLINICAL SIGNS
DATE

11/7/22

History: Diagnosed with LAE and focal LV thinning presumed to be due to infarction, as well as frequent VPCs, in January 2021. Started on atenolol 6.25 mg BID, and recheck ECG showed marked improvement in the arrhythmia. In January 2022, structural heart disease had mildly progressed, but no VPCs seen. Pre-I131 evaluation.

PERFORMED BY:

Tom McNeill

ECHOCARDIOGRAPHIC FINDINGS

2D, M-mode, and Doppler study.

INTERPRETED BY

 Keith Blass, DVM,
 MS, DACVIM
 (Cardiology)

Left atrial size is normal. The mitral valve is normal. There is focal thinning of a portion of the mid-interventricular septum. The remainder of the left ventricle is normal in thickness. Left ventricular internal dimensions are normal. Left ventricular systolic function is depressed in the area of myocardial thinning. 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 shunting lesions are visualized. No pericardial effusion or cardiac masses are seen.

PATIENT

 Cookie Cat
 Watermann

LA - 14.6 mm
 LA/Ao - 1.40
 IVSd - 4.6 mm (focal area 2.3 mm)
 LVPWd - 4.6 mm
 LVIDd - 17.9 mm
 LVIDs - 13.4 mm
 FS - 25%
 RA - 9.3 mm
 LVOT - 1.18 m/s
 RVOT - 0.98 m/s

SPECIES

Feline

ASSESSMENT/RECOMMENDATIONS
BREED
DLH
SEX
FS

This examination is similar to the one performed in January, and again demonstrates focal thinning of Cookie's interventricular septum, with decrease wall motion of this segment. The backward hemodynamic effects of Cookie's previous infarction still appear to be mild, as Cookie again does not have secondary dilation of her left atrium, indicating that her current risk for the development of congestive heart failure and/or thromboembolic disease still appears to be relatively low. Cookie is at risk for recurrence of her arrhythmia, and/or clinical signs of low cardiac output, such as lethargy and syncope, therefore, careful monitoring for these is recommended.

AGE

14 y

A recheck ECG is recommended if one has not been performed recently.

No change in therapy is recommended at this time (pending Cookie's ECG results), and there is no contraindication to radioiodine therapy.

WEIGHT

9.66 lb

A recheck echocardiogram is recommended in 6-9 months, sooner if new clinical signs compatible with cardiac dysfunction develop.

HOSPITAL NAME

SVS Imaging CT

REFERRING VET

Dr. Cruz

