

PATIENT PRESENTING CLINICAL SIGNS

Sparky Decker History: Dx HCM 2012, recent lethargy, decreased appetite, labored breathing, congestion
Medication: Atenolol 2.5/Benazepril 5mg .3ml BID, Clavamox

SPECIES ECHOCARDIOGRAPHIC FINDINGS

Feline 2D, M-mode, and Doppler study.

BREED Left atrial size is normal. The mitral valve appears normal. Left ventricular wall thickness is normal. Left ventricular internal dimensions are normal. Left ventricular systolic function is hyperdynamic.
DSH The aorta and aortic valve are normal. Right atrial and right ventricular dimensions are normal. The tricuspid valve appears normal. The pulmonary artery and pulmonic valve are normal. No pericardial effusion or cardiac masses are seen.
SEX

Male Neutered LA/Ao - 1.24
IVSd - 5.1 mm
AGE LVPWd - 5.0 mm
LVIDd - 11.9 mm
11 years LVIDs - 4.3 mm
FS - 63.9%
WEIGHT LVOT - 0.92 m/s
RVOT - 0.68 m/s

10 lbs

INTERPRETED BY ASSESSMENT/RECOMMENDATIONS

Keith Blass, DVM, MS, DACVIM This examination demonstrates no clear evidence of structural heart disease. While It's possible that some cats with left ventricular wall thicknesses of 5 millimeters and above could be affected with HCM, Sparky's wall thickness does not meet the definitive cutoff of 6 millimeters to definitively diagnose the disease, therefore, It's unclear whether he current suffers from HCM. If he does, the hemodynamic effects of Sparky's disease would appear to be mild, as he does not have secondary dilation of his left atrium. Given the absence of left atrial dilation, It would appear unlikely that Sparky's labored breathing, congestion, and lethargy are cardiogenic In origin, however, thoracic radiographs are recommended for further evaluation.

IMAGING PERFORMED BY

Rebekah Jakum, CVT ARDMS/RVT

HOSPITAL NAME

The Village Veterinarian

Whether Sparky's current cardiac medications need to be continued Is difficult to say, as It's possible Sparky's previously diagnosed left ventricular hypertrophy could have resolved In response to one or both medications. No additional therapy appears to be warranted based on Sparky's echocardiogram, however, a trial with furosemide could be considered If radiographs show an Infiltrate that could be consistent with cardiogenic pulmonary edema or pleural effusion.

REFERRING VET

Dr. Longanecker

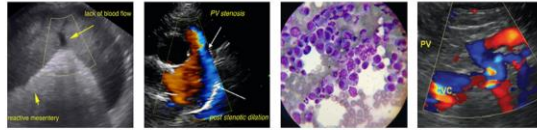
A recheck echocardiogram Is recommended In 12 months to monitor for progressive cardiac changes.

DATE

11.2.2021

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PATIENT

Sparky Decker

SPECIES

Feline

BREED

DSH

SEX

Male Neutered

AGE

11 years

WEIGHT

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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.

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