

**PATIENT PRESENTING CLINICAL SIGNS**

Oscar Gottshall  
History: Recent hyperthyroid, Conn's Syndrome  
Medication: Spironolactone 25mg, Felimazole 2.5mg, Benazepril, Clopidogrel 75mg, PotGluconate

**SPECIES**

Feline

**ECHOCARDIOGRAPHIC FINDINGS**

2D, M-mode, and Doppler study. This exam is compared to the one performed 12/11/20.

**BREED**

DSH

**SEX**

Male Neutered

**AGE**

10 years

**WEIGHT**

10.8 lbs

There is moderate left atrial dilation. The mitral valve appears normal, though mild mitral regurgitation is present. There is mild left ventricular hypertrophy. There is mild left ventricular dilation. Left ventricular systolic function is hyperdynamic. The aorta and aortic valve are normal. There is mild right atrial dilation. Right ventricular dimensions are normal. The tricuspid valve appears normal, though very mild tricuspid regurgitation is present. The pulmonary artery and pulmonic valve are normal. No pericardial effusion or cardiac masses are seen.

LA - 20.3 mm  
LA/Ao - 2.00 (prev. 1.55)  
IVSd - 6.0 mm (prev. 5.1 mm)  
LVPWd - 6.0 mm (prev. 5.0 mm)  
LVIDd - 19.2 mm (prev. 15.3 mm)  
LVIDs - 7.7 (prev. 5.5 mm)  
FS - 64% (prev. 64%)  
RA - 16.8 mm  
LVOT - 1.90 m/s (prev. 1.50 m/s)  
RVOT - 1.76 m/s (prev. 1.19 m/s)

**INTERPRETED BY**

Keith Blass, DVM,  
MS, DACVIM

**ASSESSMENT/RECOMMENDATIONS**

This examination demonstrates progressive changes since Oscar's most recent echocardiogram last December, as he now has moderate dilation of his left atrium, mild dilation of his left ventricle, and mild dilation of his right atrium. It's possible that this progression could be entirely due to Oscar's underlying structural heart disease, however, given that he is now hyperthyroidism, it's possible that the hyperthyroidism could be contributing to some or all of the progression seen in today's exam. As Oscar now has moderate left atrial dilation, he is at higher risk for the development of congestive heart failure, thromboembolic disease, and arrhythmia formation, therefore, careful monitoring for the development of clinical signs associated with these conditions is recommended.

**IMAGING PERFORMED BY**

Rebekah Jakum, CVT  
ARDMS/RVT

**HOSPITAL NAME**

Rush VC

Oscar's current cardiac medications are appropriate based on this exam. No additional therapy has been proven to be beneficial at this stage of disease, therefore, no additional therapy is recommended at this time.

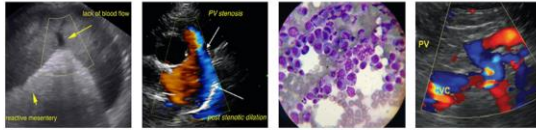
**REFERRING VET**

Dr. Milot

A recheck echocardiogram is recommended 6 months after euthyroidism is achieved or 9 months, whichever is sooner. Thoracic radiographs are recommended if Oscar experiences respiratory clinical signs.

**DATE**

12.6.2021



**PATIENT**

Oscar Gottshall

**SPECIES**

Feline

**BREED**

DSH

**SEX**

Male Neutered

**AGE**

10 years

**WEIGHT**

10.8 lbs

**INTERPRETED BY**

Keith Blass, DVM,  
MS, DACVIM

**IMAGING PERFORMED BY**

Rebekah Jakum, CVT  
ARDMS/RVT

**HOSPITAL NAME**

Rush VC

**REFERRING VET**

Dr. Milot

**DATE**

12.6.2021



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.

**Keith Blass, DVM, MS, DACVIM (Cardiology)**  
KeithBlass@gmail.com  
631-804-5754