



**PATIENT**

Roxy Creshaw

**SPECIES**

Feline

**BREED**

Scottish Fold

**SEX**

Female Spayed

**AGE**

4 years

**WEIGHT**

8.2lbs

**INTERPRETED BY**

Maggie Machen  
Lamy, DVM, DACVIM  
(Cardiology)

**IMAGING PERFORMED BY**

Jenna Walsh, CVT

**HOSPITAL NAME**

Countryside Animal  
Clinic

**REFERRING VET**

Dr. Cox

**INVOICE**

21054

**DATE**

9/15/21

**PRESENTING CLINICAL SIGNS**

History: Recheck echo. Treated for asthma 6/2021 with Depo-medrol, responded well.  
-Pertinent previous echo findings (3/2020 MML): No LVH, RA/RVE (mild), trivial TR.

**ECHOCARDIOGRAM FINDINGS**

2D, m-mode, color flow and doppler imaging is available. The left ventricular wall is normal in dimension. There is a diffusely hyperechoic endocardium consistent with fibrosis. The left atrium is normal in size. The right atrium and ventricle are mildly increased in dimension. No RVH; trivial TR. The mitral valve is normal in structure and mobility. Blood flow through both the LVOT and RVOT are normal in velocity. No obvious aortic or pulmonic insufficiency. Normal aortic and pulmonic valves. No evidence of cardiac tumors or effusions in this scan.

**CARDIAC CHART**

| FELINE CARDIAC PARAMETERS                                                                                                                                                                                                                                                                                          | BODY WEIGHT (kg) | HR (BPM)                        | IVSd (cm) (Moise, Pipers)                | LVIDd (cm) (Moise, Pipers) | LWVd (cm) (Moise, Pipers) | FS (%)         | EF (%)      |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|---------------------------------|------------------------------------------|----------------------------|---------------------------|----------------|-------------|
| NORMAL PARAMETER                                                                                                                                                                                                                                                                                                   | -----            | 150-240                         | 0.35-0.55                                | <2 (mean 1.5)              | 3.5-0.55                  | 35-67          | 80-100      |
| PATIENT                                                                                                                                                                                                                                                                                                            | 3.7              | 162                             | 0.41                                     | 1.6                        | 0.39                      | 45             | 79          |
| FELINE CARDIAC PARAMETERS                                                                                                                                                                                                                                                                                          | LA/AO (Boon)     | LA/AO HEART BASE (Swe) (Abbott) | LA 2D short axis Base view (cm) (Abbott) |                            | LVOT VEL (m/s)            | RVOT VEL (m/s) | E max (m/s) |
| NORMAL                                                                                                                                                                                                                                                                                                             | <1.5             | <1.3                            | <1.2                                     |                            | <1.6                      | <1.3           | <0.9        |
| PATIENT                                                                                                                                                                                                                                                                                                            | 1.1              | 1.2                             | 1.0                                      |                            | 0.96                      | 0.84           | NM          |
| <p><i>*Note: All measurements based upon multi-modal images and methods. An average value is reported.</i><br/>Adapted from June Boon, Veterinary Echocardiography, 1998<br/>Abbott J &amp; MacLean H JVIM 2006;20: 111-119, Moise et al. Am J Vet Res 47:1476, 1986. Pipers et al. Am J Vet Res 40:882, 1979.</p> |                  |                                 |                                          |                            |                           |                |             |

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Unchanged cardiac structure and function. The right heart is prominent; however, unchanged from the prior study. The left heart is largely normal, and no additional issues are identified.

Given these findings, this likely reflects this patient is normal. Periodic screening remains advised due to the predisposition for heart disease in this breed. No medications remain indicated.

Anesthetic risk is considered mild. Avoid telazolol, acepromazine, ketamine. With this degree of remodeling and diastolic stiffening there is an elevated risk for fluid overload and judicious IV fluid use is recommended. Monitor HR/ECG both intra-op and post-op.

Recommend recheck echocardiogram annually due to the silent nature of many age-related cardiomyopathies.



**PATIENT**

Roxy Creshaw

**SPECIES**

Feline

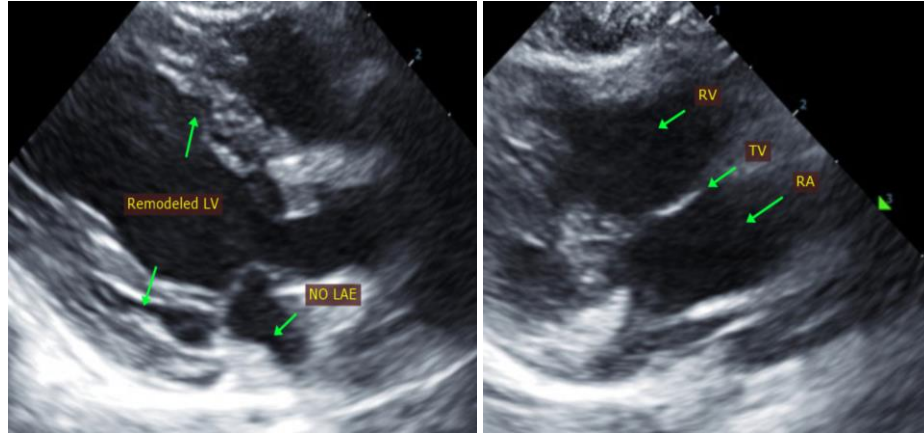
**BREED**

Scottish Fold

**SEX**

Female Spayed

**IMAGES**



**AGE**

4 years

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.

**WEIGHT**

8.2lbs

Thank you for this referral. This report was generated using transcription software, and minor dictation errors may be present. If the clinical or image interpretation does not parallel your findings or if I can be of any further assistance, please contact me.

**INTERPRETED BY**

Maggie Machen Lamy, DVM, DACVIM  
(Cardiology)

**Maggie Machen Lamy, DVM**  
Diplomate of the American College of Veterinary Internal Medicine (Cardiology)  
info@sonopath.com

**IMAGING PERFORMED BY**

Jenna Walsh, CVT

**HOSPITAL NAME**

Countryside Animal Clinic

**REFERRING VET**

Dr. Cox

**INVOICE**

21054

**DATE**

9/15/21