



**PATIENT**

Baby Elvis Stunkel

**SPECIES**

Feline

**BREED**

DLH

**SEX**

Male Neutered

**AGE**

5 years

**WEIGHT**

11.8lbs

**INTERPRETED BY**

Maggie Machen Lamy,  
DVM, DACVIM  
(Cardiology)

**IMAGING  
PERFORMED BY**

A. Nicastro, DVM

**HOSPITAL NAME**

Cat's Meow

**REFERRING VET**

Dr. Levy

**INVOICE**

47770

**DATE**

5/5/26

**PRESENTING CLINICAL SIGNS**

History: Presented for dyspnea at a different clinic where CXR were taken and was started on Plavix, Lasix and Pimobendan. BP: 150mmHg. Sedated with Torb.

-CXR showed lungs moderately increased in volume and show a generalized interstitial to alveolar opacity, more pronounced along the bronchovascular structures; pulmonary vessels are reduced in conspicuity but seem enlarged. The cardiac silhouette is mildly enlarged and elongated (VHS: 8). Mild cardiomegaly enlarged pulmonary vessels and generalized interstitial to alveolar lung pattern, strongly suggestive of congestive heart failure and cardiogenic lung edema.

**RADIOGRAPHIC FINDINGS** \*NOTE: Images submitted for supplemental cardiac information only. Normal cardiac silhouette. No obvious evidence of CHF. Concern for lower airway disease.

**ECHOCARDIOGRAM FINDINGS**

2D, m-mode, color flow and doppler imaging is available. The left ventricular wall is normal in dimension. There is a mildly hyperechoic endocardium consistent with mild fibrosis. The endocardium also appears mildly remodeled. The papillary muscles are normal in size and hyperechoic. The left atrium is normal in size. The right atrium is normal in size. The right ventricle appears normal. The mitral valve is normal in structure and mobility. No obvious valve regurgitation. Blood flow through both the LVOT and RVOT is normal in velocity. No pleural or pericardial effusion seen. No obvious cardiac tumors.

**CARDIAC CHART**

| FELINE<br>CARDIAC<br>PARAMETERS                                                                                                                                                                                                                                                                | BODY<br>WEIGHT<br>(kg)         | HR<br>(BPM)                                                       | IVSd<br>(cm)<br><small>(Moise, Pipers)</small>                      | LVIDd<br>(cm)<br><small>(Moise, Pipers)</small> | LVWd<br>(cm)<br><small>(Moise, Pipers)</small> | FS<br>(%)             | EF<br>(%)          |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|-------------------------------------------------------------------|---------------------------------------------------------------------|-------------------------------------------------|------------------------------------------------|-----------------------|--------------------|
| <b>NORMAL<br/>PARAMETER</b>                                                                                                                                                                                                                                                                    | -----                          | 150-240                                                           | 0.35-0.55                                                           | <2<br>(mean 1.5)                                | 3.5-0.55                                       | 35-67                 | 80-100             |
| <b>PATIENT</b>                                                                                                                                                                                                                                                                                 | 5.3                            | NM                                                                | 0.45                                                                | 1.5                                             | 0.45                                           | 47                    | 90                 |
| FELINE<br>CARDIAC<br>PARAMETERS                                                                                                                                                                                                                                                                | LA/AO<br><small>(Boon)</small> | LA/AO<br>HEART<br>BASE<br><b>(Swe)</b><br><small>(Abbott)</small> | LA<br>2D short axis<br>Base view<br>(cm)<br><small>(Abbott)</small> |                                                 | LVOT VEL<br><br>(m/s)                          | RVOT VEL<br><br>(m/s) | E max<br><br>(m/s) |
| <b>NORMAL</b>                                                                                                                                                                                                                                                                                  | <1.5                           | <1.3                                                              | <1.2                                                                |                                                 | <1.6                                           | <1.3                  | <0.9               |
| <b>PATIENT</b>                                                                                                                                                                                                                                                                                 | NM                             | 1.2                                                               | 1.0                                                                 |                                                 | 1.1                                            | 0.9                   | NM                 |
| *Note: All measurements based upon multi-modal images and methods. An average value is reported.<br>Adapted from June Boon, Veterinary Echocardiography, 1998<br>Abbott J & 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. |                                |                                                                   |                                                                     |                                                 |                                                |                       |                    |

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Overtly normal cardiac structure and function. The LV wall thickness is normal, and there is no evidence of elevated left atrial pressure or underlying pathology at this time. There is mild remodeling and fibrosis of the left ventricular wall, which is considered likely a normal age-related finding. Flow through the great vessels is normal, and no significant valve regurgitation is identified.



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A lack of pathology in this study would suggest CHF is highly unlikely in this case. Highly recommend repeat CXR for comparison with a radiologist evaluation. Based upon the information available there is no indication for continued cardiac medications.

**SPECIES**

Feline

Anesthetic risk is considered mild. Risk for complication with steroid use or fluid administration typically follows LA dilation, which in this case is low. That being said, any cat can experience unexpected signs of intolerance and monitoring of RR/RE is advised particularly in the initiation phase.

**BREED**

DLH

PLAN: Radiologist review of serial films is recommended. No indication for continued cardiac medications.

**SEX**

Male Neutered

Recommend recheck echocardiogram in 1 year to assess for any progressive issues.

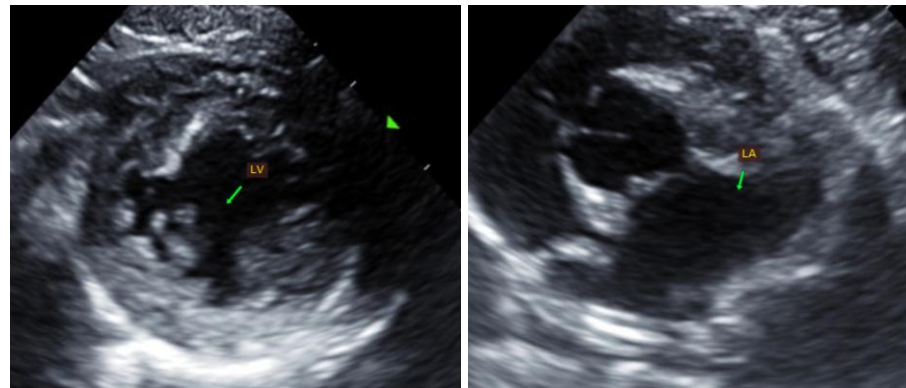
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**IMAGES**

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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.**

**IMAGING PERFORMED BY**

A. Nicastro, DVM

**HOSPITAL NAME**

Cat's Meow

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.

**REFERRING VET**

Dr. Levy

**Maggie Machen Lamy, DVM**  
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