



---

Name **Lemus, Captain**  
Birthdate **08/24/2024**  
Patient Id **559518**  
Gender  
Weight **7.6 kg**  
BSA **0.39 m<sup>2</sup>**

Date **07/07/2025**

Sonographer **Thomason, Justin**

---

---

#### **Summary and Recommendations**

Diagnosis List:

1. Normal cardiac examination

Summary/Instructions

Although not expected, please watch for symptoms of heart disease or failure. These can include coughing, rapid or labored breathing, abdominal distention, lethargy, weakness, or episodes of fainting or collapse. Cats can develop blood clots that cause limping or paralysis on any leg (most commonly the rear limbs). If you ever notice any of these, please call us immediately to discuss an appropriate plan. Any difficulty breathing, in particular, would require emergency evaluation.

Diagnostic Testing Recommendations:

1. None.

Therapeutic Recommendations:

1. None.

Follow-up Schedule:

Recommend yearly screening.

#### **Diagnostic Results**

10-month-old M Maine coon

Presents for OFA cardiac examination.

Heart rate=130bpm  
Heart rhythm=regular  
Heart murmur=none

OFA Echocardiogram  
2-D Subjective Assessment

No cardiac masses, thrombi, or spontaneous echocardiographic contrast are noted.

The right atrium appears normal. The tricuspid valve leaflets appear normal. Right ventricular chamber size appears normal. The right ventricular outflow tract, pulmonic valve cusps, and main pulmonary trunk appear normal.

The left atrium appears normal. The mitral valve leaflets appear normal. Left ventricular chamber size appears normal. The interventricular septum and left ventricular free wall appear normal in thickness. Left ventricular wall motion appears normal. The left ventricular outflow tract, aortic valve cusps, and aortic arch appear normal.

Measurements: see below

Color-flow Doppler Assessment:  
Left ventricular outflow tract: laminar  
Right ventricular outflow tract: laminar  
Mitral regurgitation: trivial  
Tricuspid regurgitation: trivial  
Aortic regurgitation: none  
Pulmonic regurgitation: none

Other Findings:  
1. None.

Echocardiographic Diagnosis:  
1. Trivial mitral/tricuspid regurgitations  
-in the face of normal valves, these are considered normal variation.

Other Diagnostics:  
None.

**BluePearl Overland Park**

Adrianna Aarons  
Cardiology Assistant

Colleen Courter, RVT  
Cardiology Nurse

Ryan Chang, DVM  
Cardiology Intern

Justin D. Thomason, DVM, DACVIM (SAIM, Cardiology)

BluePearl  
913-642-9563

---

**2D**

Ao Diam	1.1 cm
LA Diam	1.6 cm
LA/Ao	1.40
Ao/LA	0.71

**M-Mode**

IVSd	0.4 cm
LVIDd	2.0 cm
LVPWd	0.4 cm
IVSs	0.7 cm
LVIDs	1.0 cm
LVPWs	0.8 cm
EDV(Teich)	13 ml
ESV(Teich)	2 ml
EF(Teich)	85 %
%FS	51 %
SV(Teich)	11 ml
LVIDsN	0.49
LVIDdN	1.13

**Doppler**