



## Medical Note

**Patient:** Tribble **Date:** May 24, 2018  
**Signalment:** 7 months Female Unaltered Maine Coon Cat  
**Owner:** Marie Harriman  
**Referring Veterinarian:**

### CARDIOLOGY EXAMINATION

**HISTORY:** Presenting for an echocardiogram to monitor for hypertrophic cardiomyopathy. Tribble has not had a murmur or other abnormal heart sounds noted previously and has been otherwise healthy. She has been tested negative for the MYBPC3 mutation. No prior echocardiograms.

**MEDICATIONS:**  
None

### PHYSICAL EXAMINATION:

Subjective: BAR, Adequate hydration, BCS 4/9

Mucous Membranes: Pink, CRT < 2 sec

Chest Conformation: Normal

Heart rate: 186/minute. Rhythm: Regular PMI: left apex

Murmurs: No murmur ausculted

Pulmonary Auscultation: Clear, eupneic

Femoral Pulse Quality: Moderate and Synchronous

Other Comments: No other significant findings.

### Examination

#### Two-Dimensional description:

### ECHOCARDIOGRAM:

The left atrium is normal in size with no spontaneous echocontrast or thrombi. The mitral valve leaflets are normal with no systolic anterior motion or prolapse. The left ventricle is normal with normal wall thicknesses and systolic wall motion. The papillary muscles are normal. The left ventricular outflow tract, aortic cusps, aortic root, and ascending aorta are normal. The right atrium and tricuspid valve leaflets are normal. The right ventricle is normal with no septal flattening. The right ventricular free wall is normal in thickness and systolic motion. The pulmonic cusps, main pulmonary artery, and pulmonary artery branches are normal. No masses or effusions are noted. The cardiac rhythm was regular throughout the echocardiographic evaluation.

### M-mode Measurements

IVSd (cm)	0.34
LVIDd (cm)	1.46
LVFWd (cm)	0.35
IVSs (cm)	0.56
LVIDs (cm)	0.85
LVFWs (cm)	0.69
Fractional Shortening %	41.8
LA mmode (cm)	0.96
Ao mmode (cm)	0.83

LA/Ao mmode: 1.16  
Doppler Findings :  
LVOT (m/sec): 0.93, laminar  
RVOT (m/sec): 0.93, laminar  
MR: None noted  
TR: Trace, Not able to obtain accurate spectral Doppler assessment.  
PI: None noted  
AI: None noted  
Other: No ASD, VSD, PDA, or other congenital abnormalities noted.  
Diastolic Findings Due to tachycardia related E/A and E'/A' wave summations, mitral inflow and mitral annular tissue Doppler assessments could not be evaluated.  
IVRT (ms): 52  
Echocardiographic Diagnosis: Normal cardiac structures and function

**FINAL DIAGNOSIS:**

Normal cardiac structures and function; OFA clearance granted

**DIAGNOSTIC RECOMMENDATIONS:**

No additional cardiac diagnostics are indicated at this time.

**THERAPEUTIC RECOMMENDATIONS:**

No cardiac medications are currently recommended.

**FOLLOW-UP SCHEDULE:** Echocardiogram in one to two years

Exam performed by: Adam M. Kane, DVM, DACVIM (Cardiology)

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