



Medical Note

Patient: Marikoons Starry Night of At Last Cats **Date:** May 24, 2018
Signalment: 24 months 4.00 kg Female Unaltered Maine Coon Cat
Owner: Marie Harriman
Referring Veterinarian:

CARDIOLOGY EXAMINATION

HISTORY:

Normal cardiac structures

Presenting for a recheck echocardiogram for continued monitoring for HCM. Since the last examination, Starry Night has been doing well at home with no adverse signs. Previously tested negative for the MYBPC3 mutation.

MEDICATIONS:

None

PREVIOUS ECHO FINDINGS:

Date:	IVSd (cm)	LVIDd (cm)	LVFWd (cm)	FS (%)	LA (cm)	Ao (cm)	LA/Ao
06/12/17	0.35	1.56	0.36	41.0	1.10	1.13	1.13

PHYSICAL EXAMINATION:

Subjective: BAR, Adequate hydration, BCS 5/9

Mucous Membranes: Pink, CRT < 2 sec

Chest Conformation: Normal

Heart rate: 204/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)	0.37
LVIDd (cm)	1.57

LVFWd (cm)	0.34
IVSs (cm)	0.64
LVIDs (cm)	0.90
LVFWs (cm)	0.74
Fractional Shortening %	42.7
LA mmode (cm)	1.04
Ao mmode (cm)	1.04
LA/Ao mmode:	1.00
Doppler Findings	:
LVOT (m/sec):	0.86, laminar
RVOT (m/sec):	0.92, laminar
MR:	None noted
TR:	None noted
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.
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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