

Mass Veterinary Cardiology Services Inc  
305 Suffield St  
Agawam, MA 01001  
413-734-1292 413-734-1294

Medical Record Notes

Exam Date: APR 9 13 - 3:44pm  
Record No: 5889  
Provider: NANCY MORRIS DVM, DACVIM-C

Patient: RYUU  
Age: 2 yrs 6.6 mns  
Weight: 0 lbs 0.00 kg  
TERRY COLLINS  
303 HILL ROAD  
WEST BATH, ME 04530  
207-650-2475

Problem: BREEDING CLEARANCE Location: No Entry

Species: FELINE  
Gender: M

Breed: MAINE COON  
DOB: SEP 20 10 Age: 2 yrs 6.6 mns

Provider: NAM

Record: 5889 - Page: 1  
Weight: 0 lbs 0.00 kg

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**Echocardiogram Report**

Date of echo study: 4/6/2013

**Heart Rate:** 200 **Heart Sounds:** Grade 1/6 systolic murmur left parasternal **Weight:** not determined

**Right Atrium :** normal **Right Ventricle:** normal

**Left Atrium (cm):** 1.52 **Aorta (cm):** 1.40 **LA/AO:** 1.08

**Subjective left atrial size:** mildly enlarged, aortic root is prominent to enlarged

**Left Ventricle**

**IVSd (cm):** 0.71 **IVSs (cm):** 0.92

**LVDd (cm):** 1.66 **LVDs:** 0.79

**LVPWd (cm):** 0.56 **LVPWs:** 0.87

**Fractional Shortening:** 52%

**Systolic anterior motion of the mitral valve?** no

**End systolic cavity obliteration?** no

**Papillary Muscles:** normal

**Left Ventricular Outflow Tract m/sec:** 1.04

**Right Ventricular Outflow Tract m/sec:** 0.95

**Mitral Valve:** normal

**Tricuspid Valve:** normal

**Comments:** There is a prominent septal knob. Average of 3 mmode measurement, moderate hypertrophy of interventricular septum with borderline to mild hypertrophy of the free wall.

**Diagnosis:** Hypertrophic Cardiomyopathy, mild. There have been progressive increases in the thickness of his interventricular septum and the average of 4 measurements was well above normal values for wall thicknesses. Normal less than 0.60 cm. Equivocal 0.55 to 0.60 cm.

**A normal examination today does not mean that HCM will not develop in the future. We recommend that cats used in breeding programs be screened every 6 months to 1 year.**