

**Mass Veterinary Cardiology Services**

P.O. Box 1021, 148 River Street, West Springfield, MA 01089

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**Echocardiogram Report**

Date: 04/02/2011 Cats registered name: Petteycats Hinode of Tac-n-Tac Cats call name: Hinode  
Age/DOB: 08/01/2008 Breed Maine Coon Sex F Client Name: Collins, Terry/Tony Weight: Color: Brown  
classic tabby with white  
Exam performed by: Nancy Morris DVM, Diplomate ACVIM Cardiology  
Cardiac Screening Exam

**Physical Exam**

Heart Rate: 180 Weight:  
Auscultation: normal Location of murmur: -  
Gallop Sound? No  
Other findings or comments:

**Echocardiogram: mmode**

LVIDd 1.89 cm IVSd 0.52 cm LVPWd 0.49 cm  
LVIDs 0.89 cm IVSs 0.77 cm LVPWs 0.74 cm  
FS% 53% LA 1.46 cm AO 1.17 cm LA/AO 1.24

Subjective Left Atrial size: *normal*  
Systolic Anterior Motion of the mitral valve: *no*  
Left ventricular outflow velocity: 0.91 m/sec  
End Systolic cavity obliteration: *no*  
Papillary muscles: *normal*  
Comments: No TR noted on todays study

**Assessment/Diagnosis: Normal - -**

**Recommendations:** *cleared for breeding - - Physical exam and echocardiographic support for HCM can develop at any time in a cats life, therefore echo screening is suggested every 6 months for breeding cats either male or female. HCM has been shown to have an autosomal dominant mode of inheritance in Maine Coon Cats. HCM is probably hereditary in other cat breeds as well. Other causes for thickened and stiff heart muscle or hypertrophy is high blood pressure and high circulating thyroid hormones. If your cat is over 7 years of age or has known kidney disease, he or she should have a blood pressure and T4 blood level done to rule out these as a potential cause for hypertrophy.*

**Veterinarians Signature:** *Nancy Morris DVM; DACVIM-c*  
**Equipment make/model used:** *Acuson cypress*