

## CVCA, Cardiac Care for Pets

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Client: Karen Buscavage  
Co-owner:  
Patient name: MaineVu Fire In The Hole  
Species: Feline  
Breed: Maine Coon  
Sex: F  
Age: 11 months old  
Weight: 10.48lbs. 4.75kg

Primary Care Veterinarian: No Primary Veterinarian  
Primary Care Hospital:  
Phone:( ) - ext:  
Fax:( ) -  
Email:

### Cardiac Evaluation Report/HCM CLINIC

Exam Date: 05/14/2016

#### Diagnosis

- No signs of cardiomyopathy
- Normal echocardiogram
- Moderate tricuspid valve regurgitation

#### Medications

- No cardiac medications recommended at this time.

#### Please Note

- Caution with use in a breeding program. Breed to a normal male and monitor the offspring for signs of tricuspid valve regurgitation or dysplasia

#### Reevaluation

- Continue routine care with your primary care veterinarian.
- Recheck with CVCA to recheck the echocardiogram if changes occur in the examination, clinical symptoms or every few years if continued use in the breeding program.

#### Visit Summary

Heart Rate: 220 bpm

History: Present for evaluation in HCM clinic. Apparently healthy.

Physical Exam Findings: Auscultation findings within normal limits, 2/6 ausculted murmur over the right base, no arrhythmias or gallops; strong/synchronous/symmetrical femoral pulses; MM pink/moist, CRT <2 sec; eupneic, normal BV sounds throughout all fields.

#### Echocardiographic Findings

Normal wall thickness, normal chamber dimensions, normal left ventricular systolic function, normal right ventricular outflow velocity, normal mitral valve motion, normal color flow Doppler studies of the left and right ventricular outflow tracts, no effusions or masses, moderate tricuspid valve regurgitation with a mild prolapse of the parietal TV leaflet, no signs of or predictors for cardiomyopathy.

#### Comments

Fortunately, there are no signs of hypertrophic cardiomyopathy in MaineVu Fire In The Hole today. She has some tricuspid valve regurgitation that is more than the typical Maine Coon. We would not expect to lead to clinical issues in Fire in the Hole. Structurally the tricuspid valve is not malformed so we feel that she can be bred to a normal male. In regards to HCM, it appears that we can continue the use of her in a breeding program. She has no signs or risk factors for HCM. We recommend twice yearly examinations with your primary care veterinarian for all cats of breeds

that are at risk for cardiomyopathy. Signs of hypertrophic cardiomyopathy can develop at any age.  
We thank you for trusting in CVCA to care for MaineVu Fire In The Hole today. Please do not hesitate to call us with any questions or concerns.

Sincerely,  
Steven Rosenthal, DVM, DACVIM (Cardiology) and William D. Tyrrell, DVM, DACVIM (Cardiology)  
Cari and Jamie, Team Leader/Veterinary Nurse  
Cerys, Veterinary Nurse

**Patient Demographics**

<b>BUSCAVAGE, KAREN, MAINEVU FIRE IN THE HOLE</b>			Study Date: 05/15/2016		
Patient ID: 44494A050152016	Accession #:		Alt ID:		
DOR:	Age:	Gender:	Ht:	Wt:	BSA:
Institution: CVCA TOWSON			Performed By:		
Referring Physician:					
Physician of Record:					
Comments:					

**Adult Echo: Measurements and Calculations**

**2D**

LVIDd (2D)	1.81 cm	RVIDd/LVIDd	0.289	LVAo (2D)	1.33
LVPWd (2D)	0.399 cm	EDV (2D-Cubed)	5.93 ml	LV Mass (Cubed)	11.3 g
EDV (2D-Teich)	9.86 ml	RVIDd (2D)	0.523 cm	IVS/LVPW (2D)	0.850
AoR Diam (2D)	0.9 cm	LA Area	2.27 cm <sup>2</sup>		
IVSd (2D)	0.339 cm	LA Dimen (2D)	1.2 cm		

**MMMode**

IVSd (MM)	0.427 cm	SV (MM-Teich)	9.77 ml	IVS % (MM)	75.2 %
LVIDd (MM)	1.89 cm	FS (MM-Teich)	55.6 %	LVPW % (MM)	104 %
LVPWd (MM)	0.381 cm	EF (MM-Teich)	88.4 %	MV D-E Slope	31.1 cm/s
IVSs (MM)	0.748 cm	EDV (MM-Cubed)	6.75 ml	MV E-F Slope	13.2 cm/s
LVIDs (MM)	0.839 cm	ESV (MM-Cubed)	0.591 ml	MV EPSS	0.1 cm
LVPWs (MM)	0.778 cm	SV (MM-Cubed)	6.16 ml	RVIDd (MM)	0.320 cm
IVS/LVPW (MM)	1.12	EF (MM-Cubed)	91.2 %	LA Dimen (MM)	1.0 cm
EDV (MM-Teich)	11.0 ml	AoR Diam (MM)	1.0 cm	LVAo (MM)	1.00
ESV (MM-Teich)	1.28 ml	FS (MM-Cubed)	55.6 %		

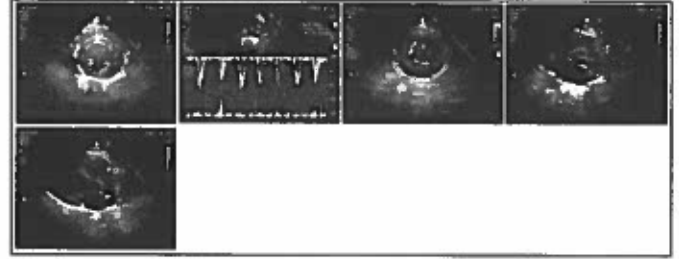
**Doppler**

TR Vmax		RVOI Vmax	
Max PG	23 mmHg	Max PG	4 mmHg
Vmax	241 cm/s	Vmax	103 cm/s

**Other Measurements**

LVID/Ao (2D)	2.01
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**Images**



**Signature**

Signature:  
Name(Print):

Date: