



**University of Missouri-Columbia;**  
**Veterinary Medical Teaching Hospital**  
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**573-882-7821**

<u>Patient Information</u>	<u>M-Mode Reference Ranges (cm)</u>
Patient Name : Hansen, Rusty	IVSd (<0.6)
Patient Id : 384169	LVIDd (1.3-1.7)
Date of Birth : 04/08/2008	LVPWd (<0.6)
Breed: Maine Coon	LVIDs (0.5-0.9)
Sex : Male	Aorta (0.8-1.1)
Weight : 6.3 kg	Left Atrium (1.0-1.4)
BP:	Ao/LA (<1.5)
Date of study : 01/08/2009	

<u>2D Measurements</u>	<u>M-Mode</u>	<u>Doppler</u>
IVSd	0.55 cm	LVOT Vmax 0.99 m/s
LVIDd	1.82 cm	LVOT maxPG 3.95 mmHg
LVPWd	0.56 cm	MV E Vel 0.62 m/s
IVSs	0.72 cm	MV DecT 63.5 ms
LVIDs	1.19 cm	MV Dec Slope 9.95 m/s <sup>2</sup>
LVPWs	0.86 cm	MV A Vel 0.42 m/s
%FS	34.4 %	MV E/A Ratio 1.48
Ao Diam	1.17 cm	RVOT Vmax 0.77 m/s
LA Diam	1.46 cm	RVOT maxPG 2.37 mmHg
LA/Ao	1.25	
EPSS	0.14 cm	

**Echo Summary**

EXAM QUALITY: Good. A full study was performed.

ECHO FINDINGS: The left ventricular wall thickness measurements were at the upper limit of the reference range. The left ventricular chamber diameter was increased in systole and diastole. The left atrial diameter was at the upper limit of the reference range.

DOPPLER FINDINGS: No abnormal flow was seen.

ASSESSMENT: Normal heart. The increased measurements are probably normal relative to the patient's large body size.

RECOMMENDATIONS/TREATMENT: No cardiac therapy is needed at this time.

PROGNOSIS: Good.

FOLLOW-UP: Recheck in 1 year.

**Echasonographer:**  
 Robert J. Schutrumpf III, DVM