

**CARDIOLOGY NORTHWEST**  
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Name: **SCHLOSSER, SHADE**  
**ALWARO**

Client/Patient ID: **23611C-SHADE**

Date: **02/06/2018**

Breed: **MAINE COON**  
 Age: **0**

Sex: **Female**

Weight: **4.3 kg (9.5 lbs)**

Birthdate: **06/26/2017**

**Normal Feline Reference Ranges**

**2D**

LA Diam < 1.6 cm

**M-Mode**

Ao Diam 0.8-1.1 cm  
 LA Diam 1.0-1.4 cm  
 LA/Ao < 1.3  
 IVSd < 0.5 cm  
 LVIDd 1.3-1.7 cm  
 LVPWd < 0.5 cm  
 LVIDs 0.5-0.9 cm  
 % FS > 30%

**Doppler**

AV Vmax < 1.7 m/s  
 RVOT Vmax < 1.6 m/s

**Patient Measurements**

**2D**

**M-Mode**

IVSd 0.37 cm  
 LVIDd 1.51 cm  
 LVPWd 0.45 cm  
 IVSs 0.72 cm  
 LVIDs 0.74 cm  
 LVPWs 0.61 cm  
 EDV(Teich) 6.16 ml  
 ESV(Teich) 0.89 ml  
 EF(Teich) 85.53 %  
 %FS 51.21 %  
 SV(Teich) 5.27 ml  
 Ao Diam 0.93 cm  
 LA Diam 1.36 cm  
 LA/Ao 1.46

**Doppler**

MV E Vel 0.76 m/s  
 MV A Vel 0.62 m/s  
 MV E/A Ratio 1.23  
 AV Vmax 0.99 m/s  
 AV maxPG 3.89 mmHg  
 PV Vmax 1.12 m/s  
 PV maxPG 5.00 mmHg

**Findings**

**Study indications:** Screening for HCM.

**ECG rhythm:** Observed rhythm was normal. ECG was not monitored during study.

**Study quality:** The study was technically adequate. Good girl!

**Left Ventricle:** LV size, wall thickness and systolic function are normal. Slightly prominent papillary muscles. No systolic anterior motion of the mitral valve or LVOT obstruction. The diastolic filling pattern is normal.

**Left Atrium:** Left atrial size is normal.

**Right Ventricle:** The right ventricle is normal in size.

**Right Atrium:** The right atrial size is normal.

**Aortic Valve:** The aortic valve appears structurally normal. No stenosis or regurgitation.

**Mitral Valve:** The mitral valve is normal. No mitral regurgitation.

**Tricuspid Valve:** Normal tricuspid valve with no regurgitation present.

**Pulmonic Valve:** The pulmonic valve is normal.

**General comments:** This study was normal with no significant cardiac abnormalities identified.