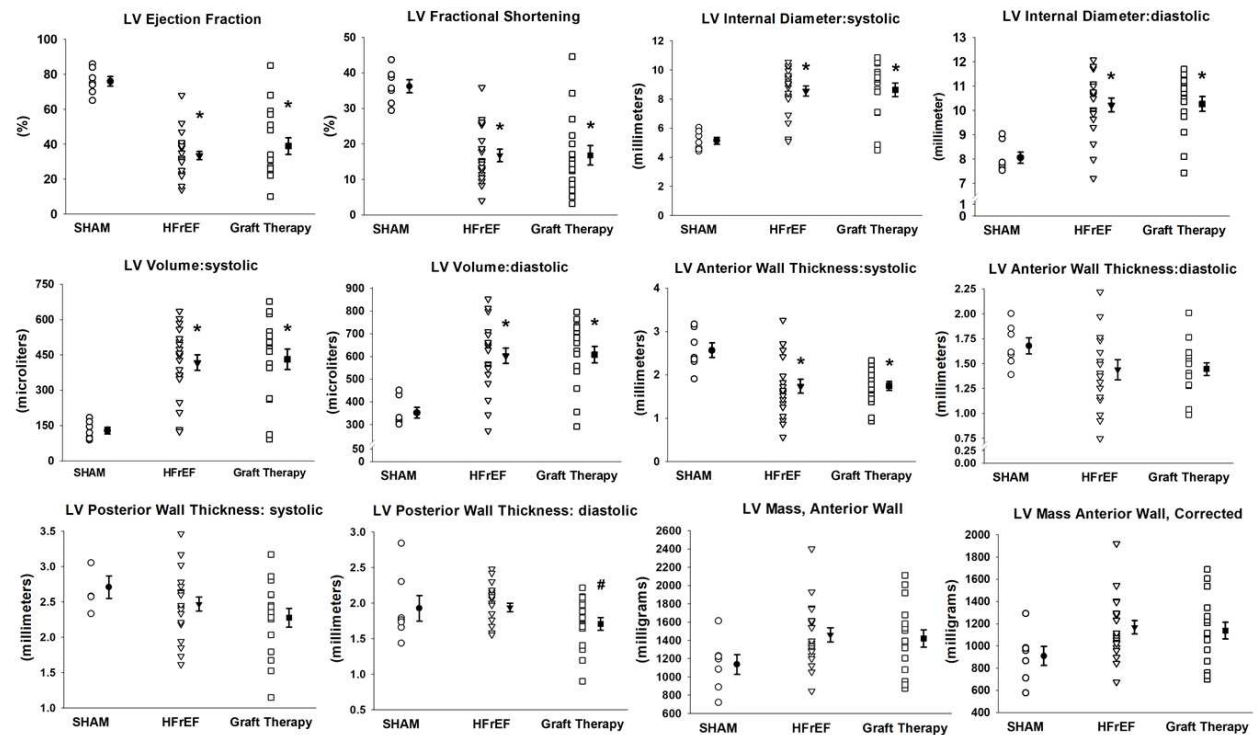


Surgical Graft for Reentrant Arrhythmia

Supplemental Figure 1: Echocardiography



Supplemental Fig 1. Echocardiography was performed in short axis M-mode with a dedicated rodent Vevo 2100. Quantified parameters were left ventricular ejection fraction, fractional shortening, internal chamber diameter/volume during systole and diastole, anterior/posterior wall thickness during systole and diastole, and anterior wall mass, corrected by a factor of 0.8. All HFrEF parameters met statistical significance versus SHAM (*, $p < 0.05$) except left ventricular anterior and posterior wall thickness in diastole, and left ventricular anterior wall mass. Similarly, all Graft Therapy parameters met statistical significance versus SHAM (*, $p < 0.05$) except left ventricular posterior wall thickness in diastole and left ventricular anterior wall mass. Only left ventricular posterior wall thickness in diastole met statistical significance (#, $p < 0.05$) between HFrEF and graft-treated HFrEF.