

Supplemental table 1

Group Parameter	Control	2 wk Sham	10wk Sham
HR	559.4±23.4	472±8.8*	510.4±21.3
MAP	56±1.4	50±3.7	54±3.4
ESP	85.2±1.3	72.1±5.2*	76±4.5
EDP	2±1.6	1.67±0.1	4±1.8
ESV	13.8±1.8	35.6±2.5*	33.2±4.2*
EDV	40.5±2.4	61.2±3*	54.2±5*
SV	26.7±1.3	25.6±1.2	21±1.3*
CO	15687±745.2	11602.4±335.6*	10622.6±322.4*
CI	239±16	151.7±5*	168.8±10.6*
EF	70.4±2.6	42±1.7*	40.4±2.8*
SW	2279.8±169	2082.8±199.6	1777.9±146.2
dP/dt _{max}	8526.5±424	4015.8±523.7*	5350.5±462.2*
dP/dt _{min}	-7862±414	-4444.5±599*	-5331.7±428.7*
Tau-G	6.3±0.65	11.7±0.75*	10.3±1.3*
MaxPower	519555±41334	188947.7±42581*	294508.5±43464.8*
TPR	4±0.3	4.2±0.4	5.1±0.4

Cardiac function in non-operated and sham operated control mice.

HR-heart rate (*beats per minute*), MAP-mean arterial pressure (*mmHg*), ESP-end-systolic pressure (*mmHg*), EDP-end-diastolic pressure (*mmHg*), ESV-end systolic volume (μ l), EDV-end diastolic volume (μ l), SV-stroke volume (μ l), CO-cardiac output (μ l/min), CI-cardiac index (μ l/min/g), EF-ejection fraction (%), SW-stroke work (*mmHg*/ μ l), dP/dt_{max}-maximum first derivative of change in systolic pressure with respect to time (*mmHg/sec*), dP/dt_{min}-maximum first derivative of change in diastolic pressure with respect to time (*mmHg/sec*), Tau-Glantz-time constant of fall in ventricular pressure by Glantz method (*msec*), MaxPower-maximum power (*mWatts*), TPR-total peripheral resistance (*mmHg*/ μ l/min). **P*<0.05 vs. control, (n=5-7 per group).