### Supplemental table 1

| Groups       | LVEDd,mm | LVEDs,mm | LVPWd,mm | LVPWs,mm | LVEF, %  | LVFS, %  |
|--------------|----------|----------|----------|----------|----------|----------|
| Sham         |          |          |          |          |          |          |
| baseline     | 6.65±0.33| 4.61±0.6 | 1.65±0.22| 2.23±0.32| 60.04±13.78| 30.63±8.55|
| 5 weeks      | 6.98±0.42| 4.59±0.52| 1.67±0.23| 2.24±0.32| 61.56±7.15 | 34.43±4.78 |
| 9 weeks      | 7.13±0.45| 4.63±0.52| 1.79±0.28| 2.24±0.34| 63.38±9.82 | 36.31±3.76 |
| CHF          |          |          |          |          |          |          |
| baseline     | 6.46±0.27| 4.38±0.39| 1.70±0.25| 2.19±0.24| 58.97±7.32 | 32.2±5.05  |
| 5 weeks      | 7.75±0.93* | 6.01±0.75* | 1.87±0.23* | 2.28±0.22 | 43.62±5.49* | 22.47±3.34* |
| 9 weeks      | 8.63±0.63* | 6.18±0.69* | 2.15±0.2*  | 2.59±0.31* | 47.19±4.09* | 26.33±3.28* |
| CHF+VAG      |          |          |          |          |          |          |
| baseline     | 6.46±0.34| 4.72±0.54| 1.64±0.34| 2.13±0.22| 59.87±15.95 | 26.64±9.58 |
| 5 weeks      | 8.29±0.74* | 6.47±0.91* | 1.83±0.33 | 2.32±0.32 | 42.83±8.52* | 22.19±5.12* |
| 9 weeks      | 10.35±0.75** | 8.00±0.95** | 2.28±0.34* | 2.61±0.32* | 39.57±7.17* | 20.51±4.17* |
| CHF+PNU      |          |          |          |          |          |          |
| baseline     | 6.61±0.43| 4.48±0.51| 1.65±0.28| 2.17±0.26| 58.39±11.83 | 32.16±7.94 |
| 5 weeks      | 8.17±0.29* | 6.27±0.65* | 2.00±0.23* | 2.51±0.17* | 44.25±12.65* | 23.27±7.68* |
| 9 weeks      | 7.20±1.01* | 5.21±0.63** | 1.71±0.19* | 2.20±0.38* | 58.91±6.68* | 34.2±3.73* |
| CHF+Vag+PNU  |          |          |          |          |          |          |
| baseline     | 6.29±0.36* | 4.60±0.72 | 1.75±0.15 | 2.10±0.23 | 58.41±15.83 | 26.88±9.83 |
| 5 weeks      | 7.36±0.56 | 5.98±0.64* | 1.88±0.16 | 2.41±0.33 | 37.31±10.56* | 18.84±6.0* |
| 9 weeks      | 7.83±0.76* | 5.41±0.44** | 1.82±0.13* | 2.3±0.31 | 53.82±7.52* | 28.89±5.28* |

*P<0.05 vs sham group at the same point in time, #P<0.05 vs CHF group at the same point in time. LVEDd, left ventricular end-diastolic diameter; LVEDs, left ventricular end-systolic diameter; LVPWd, left ventricular posterior wall thickness at the end of diastole; LVPWs, left ventricular posterior wall thickness at the end of systole; LVEF, left ventricular ejection fraction; LVFS, left ventricular fraction shortening.