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| Experiment | Experiment condition | Number of animals | Mean±SEM | P value |
| AUC of EDD | a) control group, mice received thoracotomy without the ligation at left anterior descending coronary artery (LAD) after anesthetized with 100% oxygen and 1-4% isoflurane at 0.5 L/min;b) HF group, mice received thoracotomy with the permanent ligation of of 6-0 nonabsorbable silk sutures at LAD for 8 weeks as previously described after anesthetized;c) HF+dapagliflozin group intraperitoneally injected with dapagliflozin (1 mg/kg/day, until the end of the 8-week period) after LAD ligation. | n=5 in each group | Con:318.9±20.70HF:95.43±15.20HF+Dapa:165.5±21.46 | Con vs HF: p<0.001HF vs HF+Dapa: p<0.05 |
| Serum MCP-1 (pg/mL) | Con: 15.76±3.18HF: 120.69±23.01HF+Dapa: 25.17±6.23 | Con vs HF: p<0.001HF vs HF+Dapa: p<0.001 |
| Serum IL-1β | Con: 18.11±3.06HF: 153.87±24.91HF+Dapa: 41.68±13.51 | Con vs HF: p<0.001HF vs HF+Dapa: p<0.001 |
| Serum IL-6 | Con: 4.36±1.07HF: 27.17±2.54HF+Dapa: 6.73±1.55 | Con vs HF: p<0.001HF vs HF+Dapa: p<0.001 |
| Serum IL-17 | Con: 0 HF: 51.11±3.12HF+Dapa: 0  | Con vs HF: p<0.001HF vs HF+Dapa: p<0.001 |
| LVEDV | Con at Week 8:72.29±1.76HF at Week 896.33±3.29HF+Dapa at Week 8:82.66±2.52 | Con vs HF: p<0.001HF vs HF+Dapa: p<0.01 |
| LVESV | Con at Week 8:37.86±4.87HF at Week 884.26±5.15HF+Dapa at Week 8:57.30±5.20 | Con vs HF: p<0.001HF vs HF+Dapa: p<0.01 |
| LV mass(mg) | Con: 136.23±14.06HF: 183.96±18.59HF+Dapa: 144.21±15.51 | Con vs HF: p<0.01HF vs HF+Dapa: p<0.05 |
| LV mass/body mass(mg/g) | Con: 6.25±0.43HF: 7.40±0.38HF+Dapa: 6.24±0.39 | Con vs HF: p<0.05HF vs HF+Dapa: p<0.05 |
| FS (%) | Con at Week 8:33.31±2.12HF at Week 817.84±2.67HF+Dapa at Week 8:27.61±2.51 | Con vs HF: p<0.001HF vs HF+Dapa: p<0.01 |
| LVEF | Con at Week 8:59.21±3.03HF at Week 828.73±3.08HF+Dapa at Week 8:45.12±5.42 | Con vs HF: p<0.001HF vs HF+Dapa: p<0.01 |
| Infraction size(% of LV) | Con:0HF: 37.11±4.95HF+Dapa:22.59±2.27 | Con vs HF: p<0.001HF vs HF+Dapa: p<0.01 |
| α-SMA | Con:0.48±0.07HF: 0.88±0.07HF+Dapa:0.45±0.12 | Con vs HF: p<0.001HF vs HF+Dapa: p<0.01 |
| FN | Con:0.36±0.09HF: 0.78±0.07HF+Dapa:0.51±0.09 | Con vs HF: p<0.001HF vs HF+Dapa: p<0.05 |
| CTGF | Con:0.37±0.05HF: 0.89±0.08HF+Dapa:0.44±0.11 | Con vs HF: p<0.001HF vs HF+Dapa: p<0.01 |
| Collagen I | Con:0.26±0.05HF: 0.63±0.09HF+Dapa:0.25±0.05 | Con vs HF: p<0.01HF vs HF+Dapa: p<0.01 |
| Collagen III | Con:0.24±0.05HF: 0.67±0.09HF+Dapa:0.30±0.06 | Con vs HF: p<0.01HF vs HF+Dapa: p<0.01 |
| HR |  |  |