**Supplemental Digital Content 14**

**table 5.** Echocardiographic parameters

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| **Cardiac Output (L/min)** | **Initial**  | **60 min** | **Final** |
| Control | 0.13±0.04 | 0.14±0.05 | 0.14±0.05 |
| No adaptation time | 0.14±0.03 | 0.13±0.05 | 0.08±0.02\* |
| Shorter adaptation time | 0.14±0.05 | 0.12±0.05 | 0.12±0.04 |
| Longer adaptation time | 0.15±0.04 | 0.14±0.04 | 0.12±0.04 |
| **LV Ejection Fraction (%)** | **INITIAL** | **60 min** | **FINAL** |
| Control | 96.18±2.34 | 95.97±1.68 | 96.70±2.17 |
| No adaptation time | 93.31±2.96 | 94.77±5.45 | 93.21±4.57 |
| Shorter adaptation time | 95.96±1.95 | 95.26±4.70 | 93.57±2.87 |
| Longer adaptation time | 95.48±2.54 | 94.98±2.52 | 95.67±3.97 |
| **Heart Rate (bpm)** | **INITIAL** | **60 min** | **FINAL** |
| Control | 446±33 | 422±49 | 407±62 |
| No adaptation time | 409±29 | 431±44 | 404±86 |
| Shorter adaptation time | 426±41 | 400±55 | 360±51 |
| Longer adaptation time | 423±58 | 397±50 | 395±53 |
| **PAT/PET** | **INITIAL** | **60 min** | **FINAL** |
| Control | 0.41±0.07 | 0.45±0.07 | 0.43±0.06 |
| No adaptation time | 0.43±0.09 | 0.44±0.09 | 0.43±0.09 |
| Shorter adaptation time | 0.41±0.09 | 0.45±0.09 | 0.43±0.08 |
| Longer adaptation time | 0.40±0.10 | 0.44±0.06 | 0.44±0.08 |

Echocardiographic parameters in the following groups: mechanical ventilation with protective strategy (VT=6ml/kg) for 2 hours (Control); VT=6mL/kg during hour 1 followed by constant VT=22mL/kg in hour 2 (No adaptation time); VT=6mL/kg during the first 30 minutes followed by a slow VT increase up to 22mL/kg for 30 minutes, then constant VT=22mL/kg during hour 2 (Shorter adaptation time); and a slow VT increase from 6mL/kg to 22mL/kg during hour 1 followed by constant VT=22mL/kg during hour 2 (Longer adaptation time), at Initial (before randomization), at 60 min, and after 2 h mechanical ventilation (Final). LV: left ventricle; PAT/PET: ratio between pulmonary acceleration time (PAT) and pulmonary ejection time (PET) (an indirect index of pulmonary arterial hypertension). Values are given as means ± SD of 8 animals in each group. Comparisons were done using a generalized linear model. (p<0.05) \* *versus* Control.