Individualized positive end-expiratory pressure and regional gas exchange in porcine lung injury

Muders T, Luepschen H, Meier T, Reske A, Zinserling J, Kreyer S, Pikkemaat R, Maripuu E, Leonhardt S, Hedenstierna G, Putensen C, and Wrigge H

**Supplemental Digital Content 11 - Additional hemodynamic results**

## *Table S4*

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Parameter |  | PEEP-table | |  | | minimal tidal recruitment |  | maximal-oxygenation |  | p-level ANOVA |
|  |  |  | |  | |  |  |  |  |  |
|  |  |  |  | |  | |  |  |  |  |
| HR |  | 120 ± 25 a |  | | 105 ± 20 a | |  | 109 ± 17 |  | <0.001 |
| [1•min-1] |  |  | |  |  |
|  |  |  |  | |  | |  |  |  |  |
| CVP |  | 16 ± 3 a, b |  | | 20 ± 3 a | |  | 21 ± 3 b |  | <0.001 |
| [mmHg] |  |  | |  |  |
|  |  |  |  | |  | |  |  |  |  |
| SVR |  | 998 ± 510 a, b |  | | 1265 ± 605 a | |  | 1307 ± 396 b |  | <0.001 |
| [N•s•m-5] |  |  | |  |  |
|  |  |  |  | |  | |  |  |  |  |
| SV |  | 53 ± 7 b |  | | 47 ± 10 | |  | 43 ± 11 b |  | <0.001 |
| [mL•beat-1] |  |  | |  |  |
|  |  |  |  | |  | |  |  |  |  |
| SVV |  | 9 ± 4 |  | | 9 ± 3 | |  | 10 ±3 |  | n.s. |
| [%] |  |  | |  |  |
|  |  |  |  | |  | |  |  |  |  |
| ITBV |  | 522 ± 66 |  | | 515 ± 95 | |  | 499 ± 107 |  | n.s. |
| [mL] |  |  | |  |  |
|  |  |  |  | |  | |  |  |  |  |
| EVLW |  | 480 ± 91 |  | | 462 ± 85 | |  | 453 ±121 |  | n.s. |
| [mL] |  |  | |  |  |
|  |  |  |  | |  | |  |  |  |  |
| SvO2 |  | 53 ± 7 |  | | 55 ± 7 | |  | 53 ± 6 |  | n.s. |
| [%] |  |  | |  |  |
|  |  |  |  | |  | |  |  |  |  |

HR heart rate, CVP central venous pressure, SVR systemic vascular resistance, SV stroke volume, SVV stroke volume variation, ITBV intra thoracic blood volume, EVLW extra-vascular lung water

a p<0.05 table-PEEP vs. minimal-tidal-recruitment-PEEP, b p<0.05 table-PEEP vs. maximal-oxygenation-PEEP, c p<0.05 minimal-tidal-recruitment-PEEP *vs* maximal-oxygenation-PEEP, post hoc (Newmann-Keuls) test, respectively.