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

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**Supplemental Digital Content 8 – Effects of ARDS induction**

## *Table S1*

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Parameter |  | baseline before ARDS induction |  | After ARDS induction |  |  | p-level |
|  |  |  |  |  |  |  |  |
| FiO2 |  | 0.5 ± 0 |  | 0.5 ± 0.1 |  |  | 0.218 |
|  |  |  |  |  |
| PaO2/FiO2 |  | 430 ± 73 |  | 184 ± 36 |  |  | <0.001 |
| [mmHg] |  |  |  |  |
| VT |  | 228 ± 35 |  | 227 ± 24 |  |  | 0.507 |
| [ml] |  |  |  |  |
| VE |  | 6.0 ± 0.9 |  | 7.6 ± 1.1 |  |  | <0.001 |
| [l/min] |  |  |  |  |
| PaCO2 |  | 50 ± 5 |  | 55 ± 14 |  |  | 0.218 |
| [mmHg] |  |  |  |  |
| PEEP |  | 5 ± 0 |  | 10 ± 2 |  |  | <0.001 |
| [cmH2O] |  |  |  |  |
| Paw.mean |  | 10 ± 1 |  | 19 ± 2 |  |  | <0.001 |
| [cmH2O] |  |  |  |  |
| Paw.plat |  | 20 ± 3 |  | 36 ± 5 |  |  | <0.001 |
| [cmH2O] |  |  |  |  |
| Crs |  | 16 ± 3 |  | 9 ± 2 |  |  | <0.001 |
| [l/cmH2O] |  |  |  |  |
| CO |  | 4.7 ± 0.8 |  | 5.3 ± 1.3 |  |  | 0.089 |
| [l/min] |  |  |  |  |  |  |  |
| DO2 |  | 519 ± 88 |  | 558 ± 135 |  |  | 0.289 |
| [ml/min] |  |  |  |  |  |  |  |
| IAP |  | 10 ± 2 |  | 18 ± 4 |  |  | <0.001 |
| [cmH2O] |  |  |  |  |  |  |  |

FiO2  inspiratory oxygen fraction, PaO2/FiO2 Horowitz index, VT tidal volume, VE minute ventilation, PaCO2 arterial carbon dioxide partial pressure, PEEP positive end-expiratory pressure, Paw.mean mean airway pressure, Paw.plat plateau airway pressure, Crs respiratory system compliance, CO cardiac output, DO2 oxygen delivery, paired t-test