Supplemental Digital Content 1. Arterial gas analysis at baseline

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Variables | Control  N = 10 | H2  N = 12 | XOR-I  N = 11 | H2+XOR-I  N = 11 | *P* value |
| pH | 7.378 ± 0.006 | 7.381 ± 0.004 | 7.364 ± 0.007 | 7.363 ± 0.005 | 0.05 |
| pCO2 (mmHg) | 45.9 ± 1.4 | 46.2 ± 1.1 | 46.8 ± 1.9 | 47.8 ± 2.0 | 0.84 |
| pO2 (mmHg) | 69.9 ± 2.8 | 76.7 ± 2.8 | 71.6 ± 1.6 | 74.3 ± 2.4 | 0.24 |
| HCO3- (mmol/L) | 27.0 ± 0.9 | 26.6 ± 0.9 | 26.7 ± 1.1 | 27.2 ± 1.1 | 0.96 |
| B.E. (mEq/L) | 1.9 ± 0.9 | 2.3 ± 0.7 | 1.3 ± 1.1 | 1.7 ± 1.1 | 0.89 |
| Potassium (mEq/L) | 4.57 ± 0.1 | 4.83 ± 0.1 | 4.78 ± 0.2 | 4.66 ± 0.2 | 0.73 |
| Lactate (mmol/L) | 0.96 ± 0.04 | 0.89 ± 0.04 | 0.99 ± 0.03 | 0.95 ± 0.04 | 0.34 |
| Hemoglobin (g/dL) | 13.0 ± 0.6 | 13.2 ± 0.3 | 13.5 ± 0.4 | 14.0 ± 0.5 | 0.48 |

B.E., Base excess; XOR-I, xanthine oxidoreductase inhibitor.