**Table 4.** Whole blood pH, gas and electrolyte concentrations measured at baseline (pre-chloroquine), following 30 minutes of chloroquine infusion (pre-intervention), and 30 minutes post intervention.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Control** | **Adrenaline** | **Diazepam** | **Diazepam + adrenaline** |
| Baseline (pre-chloroquine) | | | | |
| PO2(mmHg) | 83 ± 3 | 77 ± 3 | 83 ± 3 | 84 ± 2 |
| PCO2 (mmHg) | 25 ± 2 | 24 ± 1 | 28 ± 1 | 29 ± 2 |
| pH | 7.42 ± 0.02 | 7.45 ± 0.01 | 7.45 ± 0.02 | 7.44 ± 0.02 |
| [K+] (mmol l-1) | 2.18 ± 0.32 | 2.34 ± 0.24 | 2.41 ± 0.29 | 2.21 ± 0.40 |
| [Na+] (mmol l-1) | 143.8 ± 2.5 | 142.2 ± 1.0 | 142.1 ± 1.5 | 142.9 ± 0.9 |
| [Ca2+] (mmol l-1) | 0.82 ± 0.07 | 0.89 ± 0.05 | 0.91 ± 0.07 | 0.89 ± 0.10 |
| Pre-intervention | | | | |
| PO2(mmHg) | 79 ± 4 | 78 ± 3 | 76 ± 4 | 80 ± 6 |
| PCO2 (mmHg) | 22 ± 1 | 23 ± 2 | 24 ± 2 | 27 ± 3 |
| pH | 7.42 ± 0.01 | 7.43 ± 0.02 | 7.38 ± 0.02 | 7.41 ± 0.03 |
| [K+] (mmol l-1) | 1.90 ± 0.25 | 2.05 ± 0.31 | 2.01 ± 0.23 | 2.35 ± 0.40 |
| [Na+] (mmol l-1) | 145.9 ± 1.7 | 143.5 ± 1.7 | 144.9 ± 2.1 | 144.3 ± 1.1 |
| [Ca2+] (mmol l-1) | 0.72 ± 0.07 | 0.79 ± 0.06 | 0.76 ± 0.05 | 0.84 ± 0.08 |
| 30-minutes post-intervention | | | | |
| PO2(mmHg) | 74 ± 3 | 67 ± 5 | 76 ± 5 | 65 ± 3\* |
| PCO2 (mmHg) | 26 ± 2 | 29 ± 3 | 27 ± 2 | 32 ± 2 |
| pH | 7.23 ± 0.04\*\* | 7.31 ± 0.03\* | 7.31 ± 0.04 | 7.26 ± 0.02\*\*\* |
| [K+] (mmol l-1) | 2.21 ± 0.26 | 1.71 ± 0.18\*\*\* | 2.73 ± 0.16 | 1.52 ± 0.22\*\*\* |
| [Na+] (mmol l-1) | 147.3 ± 1.8 | 144.8 ± 2.2 | 143.6 ± 1.5 | 148.1 ± 1.8 |
| [Ca2+] (mmol l-1) | 0.78 ± 0.05 | 0.81 ± 0.05 | 0.84 ± 0.04 | 0.77 ± 0.06 |

Data are mean ± SEM; \*p<0.05, \*\*p<0.01, \*\*\*p<0.001 versus pre-intervention (within-group)