**Table 3**. Impact of interventions on haemodynamic and electrocardiographic parameters in chloroquine intoxicated, anaesthetised rats (n=6 per group).

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Intervention** | **Mean BP (mmHg)** | **Heart rate (min-1)** | **Left ventricular +dP/dtmax/P**  **+dP/dtmax ‡** | **PR interval (ms)** | **QRS interval (ms)** | **QTc interval (ms)** |
| (i) Administered before chloroquine infusion | | | | | | |
| Control | 69 ± 6 | 331 ± 20 | 84 ± 5 | 57 ± 3 | 36 ± 2 | 191 ± 11 |
| Diazepam | 63 ± 4 | 327 ± 17 | 85 ± 4 | 67 ± 3 | 37 ± 1 | 185 ± 10 |
| Clonazepam | 70 ± 6 | 323 ± 11 | 85 ± 2 | 63 ± 2 | 36 ± 2 | 182 ± 5 |
| Ro5-4864 | 61 ± 3 | 307 ± 7 | 76 ± 3 | 61 ± 3 | 36 ± 2 | 191 ± 9 |
| (ii) Administered during chloroquine infusion | | | | | | |
| Control | 57 ± 5 | 278 ± 11 | 68 ± 3 | 69 ± 3 | 34 ± 1 | 182 ± 4 |
| Diazepam | 58 ± 4 | 301 ± 11 | 72 ± 3 | 70 ± 2 | 34 ± 1 | 193 ± 3 |
| Clonazepam | 58 ± 5 | 280 ± 16 | 70 ± 3 | 76 ± 2 | 37 ± 2 | 199 ± 8 |
| Ro5-4864 | 63 ± 8 | 280 ± 16 | 77 ± 3 | 76 ± 7 | 33 ± 1 | 189 ± 4 |
| (iii) Administered after chloroquine infusion | | | | | | |
| Control | 79 ± 7 | 314 ± 9 | 89 ± 4 | 53 ± 3 | 31 ± 1 | 156 ± 4 |
| Diazepam | 97 ± 7 | 348 ± 12\* | 89 ± 6 | 56 ± 2 | 31 ± 0 | 173 ± 2\*\* |
| Clonazepam | 85 ± 8 | 356 ± 5\* | 91 ± 4 | 59 ± 3 | 31 ± 1 | 172 ± 2\*\* |
| Ro5-4864 | 82 ± 8 | 336 ± 16 | 87 ± 4 | 53 ± 2 | 31 ± 1 | 160 ± 3 |
| (iv) High dose diazepam administered during chloroquine infusion | | | | | | |
| Control | 86 ± 6 | 311 ± 7 | 88 ± 3 | 61 ± 1 | 31 ± 1 | 193 ± 2 |
| Diazepam | 82 ± 5 | 367 ± 9\*\* | 90 ± 4 | 57 ± 4 | 32 ± 2 | 203 ± 7 |
| (v) Administered during chloroquine infusion with urethane anaesthetic | | | | | | |
| Control | 46 ± 2 | 318 ± 12 | ‡3202 ± 750 | 70 ± 1 | 35 ± 1 | 203 ± 4 |
| Diazepam | 48 ± 2 | 345 ± 15 | ‡2728 ± 206 | 65 ± 2 | 34 ± 1 | 198 ± 3 |
| (vi) Administered during chloroquine infusion | | | | | | |
| Control | 47 ± 5 | 258 ± 10 | 74 ± 3 | 84 ± 6 | 35 ± 1 | 212 ± 4 |
| Adrenaline | 60 ± 2 | 291 ± 13 | 78 ± 8 | 73 ± 2 | 31 ± 0\* | 205 ± 5 |
| Diazepam | 46 ± 6 | 278 ± 18 | 70 ± 3 | 76 ± 4 | 34 ± 2 | 204 ± 5 |
| Diazepam + adrenaline | 54 ± 3 | 290 ± 15 | 84 ± 3\* | 70 ± 4 | 34 ± 1 | 215 ± 4 |

Data are mean ± SEM, of time-averaged measurements taken over 15 minutes during administration of chloroquine in trial (i), and over 30 minutes following administration of intervention in trials (ii) to (vi); \*p<0.05, \*\*p<0.01 versus control group