**Table 2.** Effects of chloroquine (30 μM) in the presence of propylene glycol 1% v/v (control) or diazepam (1, 10 and 100 μM) on the developed tension, effective refractory period and time to peak tension of left atria, right ventricular strips and right papillary muscles; and on the spontaneous beating rate of right atria.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Tissue** | **Control** | **Diazepam** | | |
| **Measurement** |  | **1μM** | **10μM** | **100μM** |
| Left atria | N=7 | N=6 | N=6 | N=6 |
| Developed tension (mN) | 7.9 ± 0.8 | 6.3 ± 0.6 | 7.9 ± 0.7 | 8.7 ± 0.5 |
| Effective refractory period (ms) | 58 ± 5 | 56 ± 7 | 71 ± 8 | 94 ± 10\*\* |
| Time to peak tension (ms) | 44 ± 1 | 45 ± 1 | 45 ± 1 | 51 ± 2\*\* |
| Right ventricular strips | N=6 | N=7 | N=8 | N=7 |
| Developed tension (mN) | 2.3 ± 0.5 | 2.7 ± 0.6 | 2.3 ± 0.5 | 2.4 ± 0.6 |
| Effective refractory period (ms) | 131 ± 6 | 106 ± 10 | 125 ± 5 | 146 ± 7 |
| Time to peak tension (ms) | 70 ± 2 | 69 ± 3 | 70 ± 3 | 75 ± 3 |
| Right papillary muscles | N=6 | N=6 | N=6 | N=6 |
| Developed tension (mN) | 3.0 ± 0.7 | 2.7 ± 0.7 | 2.3 ± 0.9 | 3.3 ± 1.1 |
| Effective refractory period (ms) | 112 ± 6 | 117 ± 7 | 119 ± 9 | 147 ± 11 |
| Time to peak tension (ms) | 77 ± 1 | 76 ± 2 | 77 ± 3 | 85 ± 5 |
| Right atria | N=5 | N=5 | N=6 | N=6 |
| Beats (min-1) | 260 ± 17 | 247 ± 10 | 273 ± 13 | 184 ± 9\*\*\* |

Data are mean ± SEM; \*\*p<0.01; \*\*\*p<0.001 versus control group