**Table 1: Association between serum potassium and clinical parameters**

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| --- | --- | --- | --- | --- | --- |
| **Variable** |  | **Hypokalemia** | **Normal** | **Hyperkalemia** | **P value** |
| Age (yrs) | *Admission* | 37.5±10.2 | 31.0±15.4 | 31.3±15.7 | 0.168 |
| *48hrs post admission* | 35.0±16.4 | 33.9±13.5 | 24.8±14.7 | 0.353 |
| Time from injury to presentation (hrs) | *Admission* | 18.1±41.1 | 23.9±46.6 | 34.1±34.8 | 0.664 |
| *48hrs post admission* | 31.2±47.1 | 23.4±38.3 | 9.3±7.1 | 0.469 |
| Pre-hospital use of IV fluids | *Admission* | 42.3% | 60.0% | 25.0% | 0.066 |
| *48hrs post admission* | 61.9% | 57.4% | 66.7% | 0.871 |
| Pre-hospital use of Mannitol | *Admission* | 7.7% | 15.6% |  | 0.305 |
| *48hrs post admission* | 19.0% | 13.1% |  | 0.485 |
| Systolic BP (mmHg) | *Admission* | 131.4±27.2 | 126.3±25.5 | 126.8±13.1 | 0.657 |
| *48hrs post admission* | 135.5±26.8 | 129.2±22.7 | 116.3±7.3 | 0.194 |
| Diastolic BP (mmHg) | *Admission* | 78.3±19.1 | 75.5±18.0 | 72.4±14.2 | 0.662 |
| *48hrs post admission* | 76.3±14.3 | 76.4±17.2 | 66.0±11.1 | 0.323 |
| Heart rate (/min) | *Admission* | 80.8±19.9 | 98.4±25.4 | 100.1±30.1 | ***0.007\**** |
| *48hrs post admission* | 91.9±30.5 | 93.4±24.0 | 83.2±23.6 | 0.644 |
| Respiratory rate (/min) | *Admission* | 19.5±3.9 | 21.3±4.9 | 20.5±3.7 | 0.257 |
| *48hrs post admission* | 19.5±2.6 | 20.4±4.1 | 21.5±4.0 | 0.513 |
| Saturation O2 | *Admission* | 92.3±7.8 | 90.6±10.3 | 93.0±6.1 | 0.698 |
| *48hrs post admission* | 90.7±8.8 | 92.8±7.1 | 93.3±6.5 | 0.577 |
| Total GCS Score | *Admission* | 6.0±1.7 | 6.4±1.7 | 7.3±1.0 | 0.197 |
| *48hrs post admission* | 5.9±1.8 | 6.6±1.5 | 6.7±2.0 | 0.180 |
| ISS Score | *Admission* | 21.4±7.9 | 21.2±7.9 | 18.1±5.5 | 0.540 |
| *48hrs post admission* | 23.2±9.2 | 20.0±7.1 | 21.5±8.1 | 0.248 |