Table 1:

Change in mean heart rate (beats per minute) over time between two groups:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **GROUP** | N | MEAN | S.D | S.E.M | P value |
| **Group A** | 30 | 77.600 | 9.5217 | |  |  | | --- | --- | | 1.7384166 |  | | 0.003 |
| **Group B** | 30 | 68.200 | 9.3307 | 1.7035450 |

There was statistically significant decrease in mean heart rate in Group B compared to Group A (‘p’ value = 0.0003 [<0.05]). (Table 1)

Table 2:

Change in mean of mean blood pressure (mm of Hg) over time between two groups:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **GROUP** | N | MEAN | S.D | S.E.M | P value |
| **Group A** | 30 | 84.700 | 10.6387 | |  |  | | --- | --- | | 1.9423520 |  | | 0.0078 |
| **Group B** | 30 | 78.300 | 6.9736 | 1.2730898 |

There was statistically significant decrease in mean of mean blood pressure in Group B compared to Group A (‘p’ value = 0.0078 [<0.05]). (Table 2)

Table 3:

Change in Spo2 (%) over time between two groups:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **GROUP** | N | MEAN | S.D | S.E.M | P value |
| **Group A** | 30 | 99.300 | 1.0222 | |  |  | | --- | --- | | 0.1866273 |  | | 1.000 |
| **Group B** | 30 | 99.300 | 1.2077 | 0.2204948 |

There was no statistically significant changes in mean Spo2 in Group B compared to Group A (‘p’ value = 1.000 [>0.05]). (Table 3)

Table 4:

Comparison of duration of sensory blockade (minutes) between two groups:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **GROUP** | N | MEAN | S.D | S.E.M | P value |
| **Group A** | 30 | 351.500 | 63.4381 | |  |  | | --- | --- | | 11.5821595 |  | | 0.6936 |
| **Group B** | 30 | 358.500 | 73.1690 | 13.3587706 |

There was no statistically significant difference in duration of sensory blockade between two groups. (‘p’ value = 0.6936 [>0.05]). (Table 4)

Table 5:

Comparison of duration of motor blockade (minutes) between two groups:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **GROUP** | N | MEAN | S.D | S.E.M | P value |
| **Group A** | 30 | 305.500 | 62.0532 | 11.3293125 | 0.1044 |
| **Group B** | 30 | 336.500 | 82.1285 | 14.9944527 |

There was no statistically significant difference in duration of motor blockade between two groups. (‘p’ value = 0.1044 [>0.05]). (Table 5)

Table 6:

Comparison of duration of post-operative analgesia (minutes) between two groups:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **GROUP** | N | MEAN | S.D | S.E.M | P value |
| **Group A** | 30 | 459.000 | 68.7299 | |  |  | | --- | --- | |  | 12.5481412 | |  |  | | 0.0038 |
| **Group B** | 30 | 515.500 | 75.9917 | 13.8741228 |

There was statistically significant prolongation of post-operative analgesia in group B compared to group A. (‘p’ value = 0.0038 [<0.05]). (Table 6)

Table 7:

Comparison of total ephedrine consumption (milligrams) between two groups:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **GROUP** | N | MEAN | S.D | S.E.M | P value |
| **Group A** | 30 | 4.800 | 5.3201 | |  |  | | --- | --- | | 0.9713129 |  | | 0.0069 |
| **Group B** | 30 | 9.000 | 6.2533 | 1.1416912 |

There was statistically significant increase in total ephedrine consumption in group B compared to group A. (‘p’ value = 0.0069 [<0.05]). (Table 7)

Table 8:

Comparison of total blood loss (milliliter) between two groups:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **GROUP** | N | MEAN | S.D | S.E.M | P value |
| **Group A** | 30 | 354.000 | 144.6625 | |  |  | | --- | --- | |  |  |   26.29154165 | 0.002 |
| **Group B** | 30 | 180.500 | 72.3229 | 13.15429458 |

There was statistically significant decrease in blood loss in group B compared to group A. (‘p’ value = 0.002 [<0.05]). (Table 8)