Table 1. Descriptive statistics and test of significance (anova) for the comparison of mdpv(mean difference in paw volume), among four groups in different time periods -1st hour, and 3rd hour.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **GROUP** | **MDPV 1hour**  **Mean±SD** | **% INHIBITION** | **MDPV 3hour**  **Mean±SD** | **% INHIBITION** |
| I | 0.5±0.167 |  | 0.56±0.150 |  |
| II | 0.3±0.109 | 40 | 0.13±0.103 | 76.8 |
| III | 0.43±0.150 | 14 | 0.2±0 | 64.2 |
| IV | 0.5±0.109 | 0 | 0.4±0.219 | 28.57 |
| p value | 0.091ns |  | .000\*\* |  |

*MDPV- Mean Difference in Paw Volume, SD- Standard deviation, Values are expressed in centimetres. Ns: not significant (p˃0.05), \*\*: significant at 1% level (p˂0.01).*

Table 2. Comparison of difference in mean paw volume among each group during 1st hour and 3rd hour.

|  |  |  |  |
| --- | --- | --- | --- |
|  |  | p value | |
|  | COMPARISON | 1st hour | 3rd hour |
| 1 | I (control) vs II (standard) | \*\* | \*\*\* |
| 2 | I (control) vs III (root decoction) | Ns | \*\*\* |
| 3 | I (control) vs IV ( fruit decoction) | Ns | \* |
| 4 | II (standard) vs III (root decoction) | Ns | Ns |
| 5 | II (standard) vs IV (fruit decoction) | \*\* | \*\* |
| 6 | III (root decoction) vs IV (fruit decoction) | Ns | \* |

*Ns: not significant (p˃0.05), \*: significant at 5% level (p˂0.05), \*\*: significant at 1% level (p˂0.01) \*\*\*: significant at 0.1% level (p˂0.001).*