Table. 1 Comparison between treatment group vs. Control group pain score of post CS wound

|  |  |  |  |
| --- | --- | --- | --- |
| **Variable** | **Cases (n=30)** **mean±SD (95% CI)** | **Control (n=90) mean±SD (95% CI)** | **P value** |
| Age (years±SD) | 36±5.4 | 35.4±4.8 | **-** |
| Weeks of gestation | 36.7±3.8 | 37.8±3.0 | **-** |
| Day 1 | 7.4±1.3 (6.9-7.8) | 6.8±7.2 (6.3-7.2) | 0.07 |
| Day 2 | 5.3±1.8 (4.6-5.9) | 5.6±2.1 (5.2-6.1) | 0.4 |
| Day 3 | 3.3±1.8 (2.6-3.9) | 4.2±1.6 (3.8-4.5) | 0.01 |

Table 2 Comparison between treatment group and control group for pain reduction rate

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Group** | **N** | **Mean** | **SD** | **Median** | **25th Percentile** | **50th Percentile** |
| **Cases** | 30 | 54.32 | 25.87 | 60 | 37.5 | 60 |
| **Control** | 90 | 29.31 | 51.01 | 47.22 | 25 | 47.22 |
|  |  |  |  |  |  |  |
| **Wilcoxon Two-Sample Test** | **Z=3.04** | **P=0.0024** |  |  |

Pain score reduction rate= (day1-day3)/day1×100

Table. 3 Comparison between treatment group vs. control group for postoperative characteristic of cesarean incision wound

|  |  |  |
| --- | --- | --- |
| **Variable** | **Cases n=30 (%)** | **Control n=90 (%)** |
| Wound exudation  | 0 | 12(13.3%) |
| Erythema | 2 (6.6%) | 11(12.2%) |
| Edema | 1 (3.3%) | 5 (5.5%) |
| Abdomen distension | 0 | 7(7.7%) |
| Wound gap | 0 | 2(2.2%) |
| Re stitch | 0 | 1 (1.1%) |
| Sleep deprivation | 0 | 49(54.4%) |
| Difficult micturation | 0 | 1(1.1%) |

Table. 4 Comparison between treatment group vs. Control group for pre operative and post operative level of WBC, N% and L%

|  |  |  |  |
| --- | --- | --- | --- |
| **Variable** | **Cases (n=30)** **mean±SD (95% CI)** | **Control (n=90) mean±SD (95% CI)** | **P value** |
| Pre operative WBC | 8.4±2.3×109  (7.5-9.4) | 9.1±2.5 ×109 (8.6-9.6) | 0.2 |
| Pre operative Neutrophil % | 74.2±5.6 (72.2-76.4) | 76.2±5.5 (75.1-77.4) | 0.1 |
| Pre operative Lymphocytes % | 19.2±4.9 (17.4-20.1) | 17.7±4.8 (16.6-18.7) | 0.1 |
| Post operative WBC | 11.3±1.8×109  (10.6-12) | 12.3±2.9 ×109 (11.7-12.9) | 0.03 |
| Post operative Neutrophil % | 80.6±4.9 (78.7-82.4) | 81.7±5.6 (80.5-82.9) | 0.3 |
| Post operative Lymphocyte % | 14.5±4.8 (12.7-16.3) | 13.3±4.0 (12.5-14.2) | 0.2 |

Note- WBC- white blood cell, N – Neutrophil and L- Lymphocyte count