**Table 1:** **Mean/ median hematological/ laboratory parameters (n=20)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Parameter** | **Mean/ Median**  | **Standard Deviation** | **IQR\*(1st to 3rd)** |
| Haemoglobin (g/dL) | 11.76 | ± 2.59 |  |
| Total leukocyte counts (/mm3) | 12550 |  | 4675 - 19425 |
| Platelet (x105/ mm3) | 1.80 | ± 1.05 |  |
| Blood Urea (mg/dL) | 47.15 |  | 39.75- 67.5 |
| Serum Creatinine (mg/dL) | 1.49 | ± 0.68 |  |
| Serum Sodium (meq/L) | 135.7 | ± 7.70 |  |
| Serum Potassium (meq/L) | 4.33 | ± 0.90 |  |
| pO2 (mmHg) | 93.8 | ± 33.20 |  |
| pH | 7.37 | ± 0.07 |  |

\*IQR- inter quartile range

**Table 2: Pre-operative physiological profile**

|  |  |  |
| --- | --- | --- |
| **Parameters** | **Mean** | **Std. Deviation** |
| Temperature (⁰C) | 37.46 | ± 0.87 |
| Mean Arterial Pressure (mmHg) | 78.40 | ± 18.60 |
| Pulse rate (beats/ minute) | 116.7 | ± 20.63 |
| Respiratory Rate (/minute) | 22.3 | ± 2.77 |
| Pre-op ***APACHE-II*** score | 10.85 | ± 3.55 |

**Table 3: Postoperative course (n=20)**

|  |  |  |
| --- | --- | --- |
| **Observations** | **Postoperative days (mean/ median)** | **Standard Deviation OR IQR\* (1st-3rd)**  |
| Time to return bowel sounds | 3.53 | ± 0.91 |
| Time to start feeding via FJ 1 | 4 | ***4-5\**** |
| Time to start oral feed  | 12 | ***10.75-18.5\**** |
| Time of clamping of Gastrostomy | 9.87 | ± 3.75 |
| Time of clamping of RD2 | 13 | ± 4.18 |
| Time of removal of Gastrostomy | 13 | ***12-16.5\**** |
| Time of removal of RD2 | 16 | ***16.25-22.25\**** |
| Time of removal of FJ1 | 18 | ***16.5-24\**** |
| Total hospital Stay  | 22 | ***19-26\**** |
| Wound healing time  | 15.75 | ± 1.91 |

\*Inter quartile Range, 1-FJ= Feeding Jejunostomy, 2-RD= Retrograde Duodenostomy

**Table 4: Postoperative outcomes/ complications**

|  |  |
| --- | --- |
| **Outcomes/complications** | **No. (n=20)** |
| Surgical site infection | 9 (45%) |
| Respiratory complications | 4 (20%) |
| Peritubal leakage | 4 (20%) |
| Peritubal excoriation | 2 (10%) |
| Burst abdomen | 5 (25%) |
| Bed sore | 2 (10%) |
| Postoperative leak | 1 (5%) |
| Mortality | 4 (20%) |

**Table 5: Comparison between age, gender, and intra-operative findings**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Study** | **Most common age group** | **Gender distribution (M:F)** | **Size of perforation**  | **Site of perforation** |
| Present study | 46-70 years | 5.6 : 1 | 1.83 ± 0.59 | Prepyloric-45%, Duodenal-40% |
| Lal et al6 | 30-50 years | 4 : 1 | 60%-2 to 3 cm; 40% >3cms |  |
| Jani K et al15 | 21-50 years | 7.3 : 1 | >2 cm |  |
| Menekse et al16 | 39 - 62 years | 6.1 :1 | 13% with >1 cm |  |
| Berleff et al17 | 40 - 50 years | 3.7 : 1 |  |  |
| Chaudhary et al18 | 18- 40 years | 4.3: 1 | >1 cm in 7.29% | Duodenal-69.7%, Gastric-30.2% |