**Table 1: Demographic and Clinical Parameters**

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| --- | --- | --- | --- |
|  | **No NAT (n=106)** | **NAT (n=74)** | **P values** |
| **Age (years)** | **61.2 ± 15**  | **56.6 ± 14**  |  |
| **Initial tumor size (cm)** | **5.3 ± 5.89** | **11.5 ± 6.3** | **p<0.000001** |
| **Primary location (n, %)**  **Esophagus** **Stomach** **Duodenum** **Jejunum** **Ileum** **Colon** **Rectum** | **2 (1.9%)****76 (71.7%)****15 (14.2%)****5 (4.7%)****3 (2.8%)****2 (1.9%)****3 (2.8%)** | **4 (5.4%)****46 (62.2%)****7 (9.5%)****6 (8.1%)****3 (4.1%)****2 (2.7%)****6 (8.1%)** | **p= 0.34** |
| **Instance of mutations** **KIT exon 9** **KIT exon 11** **KIT exon 13** **KIT exon 17** **PDGFRA exon 12** **PDGFRA exon 18** **PDGFRA other** **Others** | **3 (5.5%)****26 (47.3%)****1 (1.8%)****2 (3.6%)****2 (3.6%)****7 (12.7%)****0 (0%)****14 (25.5%)** | **3 (4.3%)****38 (55.1%)****4 (5.8%)****4 (5.8%)****2 (2.9%)****3 (4.3%)****1 (1.4%)****14 (20.3%)** |  |
| **Type of neoadjuvant therapy** **Imatinib** **Sunitinib** **Other**  |  | **67/74 (90.5%)****1/74 (1.4%)****6/74 (8.1%)** |  |
| **Type of operation** **Open** **Laparoscopic** **Robotic** | **50 (47.2%)****55 (51.9%)****1 (0.9%)** | **62 (83.8%)****11 (14.9%)****1 (1.3%)** | **p<0.000001** |
| **Type of resection (n, %)** **Stomach** **Wedge resection** **Partial gastrectomy** **Total gastrectomy** **Other** | **24 (22.6%)****53 (50%)****2 (1.9%)****27 (25.5%)** | **7 (9.5%)****41 (55.4%)****4 (5.4%)****22 (29.7%)** | **p= 0.036** |
| **Multi-visceral resection (n, %)** | **n= 26/101 (25.7%, NA=5)** | **n= 31/63 (49.2%, NA=11)** | **p= 0.0025** |
| **Multi-visceral resection sites (n, %)** **Esophagus** **Stomach** **Spleen** **Liver** **Pancreas** **Gallbladder** **Small bowel** **Large bowel** **Appendix** **Rectum** **Reproductive organ** **Renal organ** **Adrenal** | **0/101 (0%)****1/101 (1%)****4/101 (4%)****1/101 (1%)****5/101 (5%)****4/101 (4%)****2/101 (2%)****2/101 (2%)****1/101 (1%)****0/101 (0%)****3/101 (3%)****2/101 (2%)****1/101 (1%)** | **3/63 (4.8%)****0/63 (0%)****9/63 (14.3%)****8/63 (12.7%)****7/63 (11.1%)****5/63 (7.9%)****4/63 (6.3%)****6/63 (9.5%)****2/63 (3.2%)****0/63 (0%)****1/63 (1.6%)****0/63 (0%)****0/63 (0%)** |  |
| **Postoperative complications** | **16/106 (15.1%)** | **23/74 (31.1%)** | **p= 0.016** |