**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** |