

Supplemental Digital Content 2. Reported reasons for constructing a temporary stoma

| | Ileostomy No. (%) | Colostomy No. (%) |
|---|----------------------|----------------------|
| Overall | 208 (100.0) | 130 (100.0) |
| Bowel obstruction and needing neoadjuvant treatment | 2 (1.0) | 27 (20.8) |
| Bowel inflammation | 0 (0.0) | 1 (0.8) |
| According to preoperative plan | 5 (2.4) | 0 (0.0) |
| Neoadjuvant radiotherapy | 34 (16.3) | 20 (15.4) |
| Avoiding traction on colon | 1 (0.5) | 0 (0.0) |
| Comorbidity/condition/extensive surgical procedure | 0 (0.0) | 10 (7.7) |
| (Very) low anastomosis | 25 (12.0) | 24 (18.5) |
| Questionable condition anastomosis | 5 (2.4) | 18 (13.8) |
| Emergency setting | 0 (0.0) | 8 (6.2) |
| Anastomotic leakage | 9 (4.3) | 7 (5.4) |
| Not reported | 127 (61.1) | 15 (11.5) |