Supplementary Digital Content

**The Impact of Preoperative Nutritional Status on the Incidence Rate of Surgical Complications in Inflammatory Bowel Disease Patients With versus Without Preoperative Biologic Therapy: A Case-Control Study**

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| **Supplementary Table 1 The relationship between clinical parameters and the incidence of postoperative complications in the BIO group** | | |
|  | Infectious complications | Overall complications |
| IBD subtype | P=0.67 | P=0.68 |
| UC (n=34) | 6 (18%) | 9 (26%) |
| CD (n=36) | 5 (14%) | 8 (22%) |
| Median age at surgery | P=0.82 | P=0.48 |
| ≤ 40 years (n=36) | 6 (17%) | 10 (28%) |
| > 40 years (n=34) | 5 (15%) | 7 (21%) |
| Sex | P=0.56 | P=0.77 |
| Male (n=39) | 7 (18%) | 10 (26%) |
| Female (n=31) | 4 (13%) | 7 (23%) |
| Disease duration | P=0.67 | P=0.68 |
| ≤ 45 months (n=36) | 5 (14%) | 8 (22%) |
| > 45 months (n=34) | 6 (18%) | 9 (27%) |
| Disease activity at surgery | P=0.10 | P=0.09 |
| Moderate (n=52) | 6 (12%) | 10 (19%) |
| Severe (n=18) | 5 (28%) | 7 (39%) |
| Behavior of CD | P=0.53 | P=0.33 |
| Perforating disease (n=17) | 3 (18%) | 5 (29%) |
| Non-perforating disease (n=19) | 2 (11%) | 3 (16%) |
| Surgical approach | P=0.46 | P=0.26 |
| Open (n=25) | 5 (20%) | 8 (32%) |
| Laparoscopic (n=45) | 6 (13%) | 9 (20%) |
| Type of anastomosis | P=0.32 | P=0.16 |
| Handsewn (n=14) | 3 (21%) | 5 (36%) |
| Stapled (n=45) | 5 (11%) | 8 (18%) |
| IBD, inflammatory bowel disease; UC, ulcerative colitis; CD, Crohn’s disease. | | |

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| **Supplementary Table 2 The relationship between clinical parameters and the incidence of postoperative complications in the control group** | | |
|  | Infectious complications | Overall complications |
| IBD subtype | P=0.43 | P=0.48 |
| UC (n=34) | 6 (18%) | 9 (26%) |
| CD (n=36) | 4 (11%) | 7 (19%) |
| Median age at surgery | P=0.92 | P=0.48 |
| ≤ 40 years (n=34) | 5 (15%) | 9 (26%) |
| > 40 years (n=36) | 5 (14%) | 7 (19%) |
| Sex | P=0.77 | P=0.53 |
| Male (n=39) | 6 (15%) | 10 (26%) |
| Female (n=31) | 4 (13%) | 6 (19%) |
| Disease duration | P=0.56 | P=0.66 |
| ≤ 45 months (n=34) | 4 (12%) | 7 (21%) |
| > 45 months (n=36) | 6 (17%) | 9 (25%) |
| Disease activity at surgery | P=0.26 | P=0.06 |
| Moderate (n=52) | 6 (12%) | 9 (17%) |
| Severe (n=18) | 4 (22%) | 7 (39%) |
| Behavior of CD | P=0.41 | P=0.92 |
| Perforating disease (n=20) | 3 (15%) | 4 (20%) |
| Non-perforating disease (n=16) | 1 (6%) | 3 (19%) |
| Surgical approach | P=0.31 | P=0.45 |
| Open (n=25) | 5 (20%) | 7 (28%) |
| Laparoscopic (n=45) | 5 (11%) | 9 (20%) |
| Type of anastomosis | P=0.45 | P=0.35 |
| Handsewn (n=18) | 3 (17%) | 5 (28%) |
| Stapled (n=41) | 4 (10%) | 7 (17%) |
| IBD, inflammatory bowel disease; UC, ulcerative colitis; CD, Crohn’s disease. | | |