|  |
| --- |
| **Table 2**. Comparison between pre- and postoperative clinical variables  |
|  | Preoperative (n=54) | postoperative (n=54) | p-value |
|  | n | % | n | % |
| **Pelvic Floor Disability Index (PFDI-20)** |
|  POPDI-6 | 43 | 43.9 ± 25.5 | 42 | 20.8 ± 21.6 | <0.001 |
|  CRAD-8 | 43 | 34.3 ± 19.0 | 42 | 29.0 ± 26.4 | 0.176 |
|  UDI-6 | 43 | 43.1 ± 27.0 | 42 | 26.8 ± 22.9 | 0.002 |
|  PFDI-20 | 43 | 121.2 ± 51.5 | 40 | 72.9 ± 57.5 | <0.001 |
| **Stool type according to Bristol Stool Form Scale** |
|  Type 1,2  | 14 | 28.6 | 6 | 12.0 | 0.070 |
|  Type 3-5 | 24 | 49.0 | 38 | 76.0 |
|  Type 6,7 | 11 | 22.4 | 6 | 12.0 |
| BM frequency/week | 52 | 6.7 ± 5.8 | 52 | 8.7 ± 6.1 | 0.022 |
| **ODS symptoms**  |
|  Incomplete emptying ≥50% BM | 49 | 94.2 | 15 | 28.8 | <0.001 |
|  Straining of any kind | 45 | 83.3 | 17 | 32.7 | <0.001 |
|  Splinting of any kind | 34 | 63.0 | 15 | 28.8 | <0.001 |
|  Splinting inside the rectum | 18 | 33.3 | 5 | 9.8 | 0.001 |
|  Splinting inside the vagina | 19 | 35.2 | 5 | 9.8 | 0.001 |
| Fecal incontinence  | 33 | 70.2 | 10 | 23.2 | 0.007 |
| Complete rectal prolapse | 12 | 22.2 | 3 | 5.5 | 0.012 |
| **Pelvic Organ Prolapse Quantification System (POP–Q)** |
|  Ba | 41 | ­0.5 ± 1.2 | 42 | ­1.6 ± 1.3 | 0.001 |
|  C | 40 | ­3.8 ± 3.6 | 42 | ­4.9 ± 2.9 | 0.078 |
|  GH | 39 | 4.3 ± 0.8 | 41 | 3.5 ± 0.8 | <0.001 |
|  PB | 39 | 3.2 ± 0.9 | 42 | 3.2 ± 1.1 | 0.554 |
|  Bp | 41 | ­0.3 ± 1.6 | 42 | ­1.9 ± 1.4 | <0.001 |
| **Dynamic 3D pelvic floor ultrasound**  |
|  RVS at rest (cm) | 43 | 4.3 ± 1.2 | 42 | 4.6 ± 0.8 | 0.223 |
|  RVS at Valsalva (cm) | 43 | 2.0 ± 1.3 | 42 | 3.8 ± 0.9 | <0.001 |
|  Compression ratio (%) | 53 | 53.5 ± 23.8 | 43 | 17.5 ± 12.7 | <0.001 |
| **Surgical outcomes**  |
|  | Failure | Success  |
|  | n | % | n | % |
|  Clinical success (No ODS symptoms in >50% of BM)  | 17 | 31.5 | 37 | 68.5 |
|  Anatomical success (under 50% compression ratio and no rectal prolapse) | 8 | 17.0 | 39 | 83.0 |
|  Anatomical success with normal compression ratio (under 20% compression ratio)  | 14 | 29.2 | 34 | 70.8 |
|  Clinical and anatomical success | 20 | 40.0 | 30 | 60.0 |

All data are presented as mean ± SD or n (%)

Note: PFDI-20, pelvic floor distress inventory; POPDI-6, Pelvic Organ Prolapse Distress Inventory; CRAD-8, Colorectal-Anal Distress Inventory, UDI-6, Urinary Distress Inventory; ODS, obstructive defecation Syndrome; GH, genital hiatus; PB, perineal body; RVS, rectovaginal septum