|  |  |
| --- | --- |
| **Characteristics of the population (N=228)** | |
| **Age (years), mean (sd)** | 62.04 (±11.9) |
| **Body Mass Index (BMI), mean (sd)** | 24.07 (± 3.5) |
| **Obstetrical and gynecological history** | |
| Parity, median (range) | 2 (0-5) |
| Hysterectomy, n (%) | 39 (17.1%) |
| Hormonal replacement therapy, n (%) | 25 (11%) |
| Prior traumatic delivery, n (%) | 85 (37.3%) |
| **Prior Urinary Stress Incontinence Surgery, n (%)** | 27 (11.8%) |
| **Urinary Stress Incontinence, n (%)** | 100 (43.9%) |
| **Overactive bladder, n (%)** | 94 (41.2%) |
| **Associated anal incontinence, n (%)** | 63 (27.6%) |
| **Associated constipation, n (%)** | 66 (28.9%) |

**Table 1: Characteristics of the population**

|  |  |
| --- | --- |
| **Patients’ answers after the intervention (N=228)** | |
| **Sexual Improvement, n (%)** | 117 (51.3%) |
| **Dyspareunia, n (%)** | 25 (11%) |
| **Intercourse, n (%)** | 178 (78.1%) |

**Table 2: Patients’ answers after the intervention**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Comparison between mean scores before and after the intervention** | | | | | | |
|  | **Preoperative** | | **≥ 12 months** | | **p-value** | |
| **PFDI** | 141.3 (± 53.9) | | 13.8 (±25.4) | | < 0.01 | |
| **PFIQ** | 100.8 (± 110.9) | | 10.2 (±25.7) | | < 0.01 | |
| **PISQ-12** | 29.6 (± 6.8) | | 30.5 (±16.6) | | **NS** | |
| **Ba** | + 0.7 (± 3.1) | | - 2.8 (± 1.5) | | < 0.01 | |
| **Bp** | - 0.3 (± 1.9) | | - 2.9 (± 1.5) | | < 0.01 | |
| **C** | + 2.6 (± 0.8) | | - 4.7 (± 2.1) | | < 0.01 | |
|  | **Pre-Operative** | **1-5 years** | | **More than 5 years** | | **p-value** |
| **PISQ-12** | 29.6 (± 6.8) | 31 (± 18.2) | | 29.2 (± 11.2) | | **NS** |

**Table 3:** **Comparison of mean scores before and after the intervention**

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Sexual Improvement** | **No Sexual Improvement** | **P-value** |
| **Age** | 60.5 (± 11.4) | 63.5 (± 12.2) | NS |
| **BMI** | 24.1 (± 3.4) | 23.9 (± 3.7) | NS |
| **Menopause** | 82 (70.1%) | 89 (80.2%) | NS |
| **Prior Hysterectomy** | 21 (17.9%) | 18 (16.2%) | NS |
| **HRT** | 17 (14.5%) | 8 (7.2%) | NS |
| **Post-Operative PFDI-20** | 11.4 (± 13.0) | 16.8 (± 35.5) | NS |
| **Post-Operative PFIQ** | 6.8 (± 5.9) | 14.6 (± 38.0) | **0.01** |
| **Post-Operative PISQ-12** | 32.3 (± 18.8) | 26.2(± 8.6) | **<0.01** |
| **Dyspareunia** | 15 (12.8%) | 10 (9%) | NS |
| **Sexual activity** | 117 (100%) | 61 (55%) | **<0.01** |

**Table 4: Comparison between patients based on their sexual improvement post-operatively**