

Supplementary Table 1. Baseline demographics urodynamic parameters in patients with detrusor underactivity categorized by the type of surgery

Variable	Bipolar TURP	GLPVP	TUIBN	P-value ^{a)}
Case number	44 (47)	36 (39)	13 (14)	
Age (yr)	72.0 ± 9.5	72.9 ± 10.7	58.6 ± 13.7	<0.01**
Total prostate volume (mL)	51.4 ± 30.9	74.8 ± 32.9	22.0 ± 5.7	<0.01**
IPSS total scores	19.4 ± 8.7	19.9 ± 5.2	23.3 ± 7.5	
QoL index	5.0 ± 0.8	4.7 ± 0.8	4.6 ± 1.1	
Urinary catheterization	24 (55)	17 (47)	4 (31)	
Comorbidities				
Diabetes mellitus	13 (30)	10 (28)	4 (31)	
Cerebral vascular disease	3 (7)	0	2 (15)	
Hypertension	24 (55)	21 (60)	6 (46)	
Chronic kidney disease	9 (21)	6 (17)	3 (23)	
Coronary artery disease	8 (18)	6 (17)	1 (8)	
COPD	4 (9)	1 (3)	1 (8)	
Uroflowmetry				
Qmax (mL/sec)	5.3 ± 3.2	6.1 ± 5.2	7.3 ± 5.6	
Voiding volume (mL)	114 ± 93	120 ± 117	164 ± 187	
PVR (mL)	193 ± 219	176 ± 160	106 ± 111	
Voiding efficacy (%)	53.0 ± 38.9	44.6 ± 31.9	55.1 ± 42.8	
Pressure-flow study				
First sensation (mL)	139 ± 69	132 ± 56	188 ± 107	0.047*
Compliance	29 ± 31	41 ± 47	52 ± 62	
Capacity (mL)	283 ± 129	294 ± 120	323 ± 158	
DO*	29 (66)	30 (83)	6 (46)	0.032*
DOI	9 (21)	11 (31)	5 (39)	
PdQmax (cm H ₂ O)	49.0 ± 18.1	56.8 ± 12.3	44.2 ± 19.2	0.027*
BCI	71.6 ± 18.1	79.9 ± 15.3	66.1 ± 22.5	0.030*
BOOI	39.9 ± 21.0	47.6 ± 16.0	35.4 ± 22.5	

Values are presented as number (%) or mean ± standard deviation.

TURP, transurethral resection of the prostate; GLPVP, GreenLight photoselective vaporization of the prostate; TUIBN, transurethral incision of the bladder neck; IPSS, International Prostate Symptom Score; QoL, quality of life; COPD, chronic obstructive pulmonary disease; Qmax, maximum urine flow rate; PVR, postvoid residual; DO, detrusor overactivity; DOI, Detrusor overactivity incontinence; PdQmax, detrusor pressure at the maximum flow rate; BCI, bladder contractility index; BOOI, bladder outlet obstruction index.

*P < 0.05. **P < 0.01. ^{a)}Kruskal-Wallis or chi-square test, and those with P ≥ 0.05 are left blank.