

Supplementary

Table S1 Patient demographics and perioperative data (operative time and tract creation trouble) between 2017–2018 in the one-shot group (n=50) and 2018–2019 in the i-UAS group (n=50)

Variable	One-shot group [2017–2018], n=50	i-UAS group [2018–2019], n=50	P value
PS (%)			
0	47 (94.0)	48 (96.0)	1
1	2 (4.0)	1 (2.0)	
2	0 (0.0)	0 (0.0)	
3	0 (0.0)	0 (0.0)	
4	1 (2.0)	1 (2.0)	
Sex: male (%)	16 (32.0)	21 (42.0)	0.40
Age	55.80 (18.45)	56.12 (14.85)	0.92
BMI	24.67 (4.71)	23.34 (5.12)	0.18
DM (%)	11 (22.0)	10 (20.0)	1
Preoperative antibiotic use (%)	4 (8.0)	2 (4.0)	0.67
Preoperative ureter stent (%)	5 (10.0)	5 (10.0)	1
Preoperative nephrostomy (%)	2 (4.0)	1 (2.0)	1
Preoperative pyelonephritis (%)	4 (8.0)	7 (14.0)	0.52
Preoperative Hydronephrosis G0 (%)	5 (10.0)	5 (10.0)	1
Main stone location (%)			
Upper pole	10 (20.4)	4 (8.0)	0.24
Middle pole	2 (4.1)	3 (6.0)	
Lower pole	10 (20.4)	8 (16.0)	
Pelvis/ureteropelvic junction	27 (55.1)	35 (70.0)	
Staghorn stone (%)	28 (56.0)	18 (36.0)	0.07
Total stone number	3.00 [1–6]	1.50 [1–18]	0.19
Total stone density (HU)	1,299.00 [480.00–11,151.00]	1,204.00 [440.50–1,828.00]	0.32
Total stone volume (mm ³)	7,920.00 [708.00–106,680.45]	4,678.07 [295.68–156,750.00]	0.12
Position: prone (%)	36 (72.0)	33 (66.0)	0.66
Operation time (min)	119.00 [61.00–259.00]	104.00 [48.00–186.00]	0.04
Tract creation trouble (%)	4 (8.0)	2 (4.0)	0.67

i-UAS, inner ureteral access sheath; PS, performance status; BMI, body mass index; DM, diabetes mellitus.