

Table 2 Comparison of groups with and without semi-rigid URS.

Characteristic	Semi-rigid URS (+)	Semi-rigid URS (-)	<i>p value</i>
Number (%)	133 (31.5%)	289 (68.5%)	
Age, mean \pm SD	47.9 \pm 14.7	48.8 \pm 13.9	0.59
Gender			
Male, n (%)	81 (60.9%)	162 (56.1%)	0.35
Female, n (%)	52 (39.1%)	127 (43.9%)	
BMI, mean\pmSD	26.6 \pm 2.6	27.3 \pm 4.5	0.10
Side			
Right, n (%)	73 (54.8%)	143 (49.5%)	0.32
Left, n (%)	60 (45.2%)	146 (50.5%)	
Stone Size (mm), mean \pm SD (range)	13.0 \pm 5.5 (4-35)	13.7 \pm 5.3 (4-32)	0.22
Stone Density (HU), mean \pm SD	977 \pm 350	1048 \pm 314	0.08
Stone Number, mean \pm SD	1.67 \pm 0.97	1.56 \pm 0.79	0.22
Localisation	163	314	
Upper Calyx, n (%)	8 (5%)	16 (5%)	0.53
Middle Calyx, n (%)	11 (7%)	24 (7%)	
Lower Calyx, n (%)	42 (26%)	93 (30%)	
Pelvis, n (%)	74 (45%)	110 (35%)	
Proximal Ureter, n (%)	28 (17%)	71 (23%)	
Failed UAS Placement, n (%)	4 (3%)	25 (8.7%)	0.03
Operation Time (minute), mean \pm SD	87.11 \pm 36.8	67.29 \pm 27.4	<0.0001
Fluoroscopy Time (sec.), mean \pm SD	11.09 \pm 12.9	13.88 \pm 28.9	0.53
Surgical Success Rate, n (%)	126 (94.7%)	243 (84.1%)	0.002
Complication Rate			
Intraoperative, n (%)	1 (0.8%)	14 (4.8%)	0.04
Postoperative, n (%)	5 (3.8%)	23 (8%)	0.10

BMI: Body Mass Index, kg/m², UAC: Ureteral Access Sheath.

