

Table 3. Comparison of Surgical Success and non-Surgical Success patients.
 BMI: Body Mass Index, kg/m^2 , sURS: Semirigid URS, UAC: Ureteral Access Sheath,

Surgical Success	Yes	No	Univariate Analysis <i>p</i> -value	Multivariate Analysis		
				<i>p</i> -value	OR	95%CI
Number	369	53				
Age, mean \pm SD	48.8 \pm 14.4	46.38 \pm 12.5	0.245	0.838		
Male gender, <i>n</i> (%)	211 (57.2%)	32 (60.4%)	0.660	0.341		
BMI, mean \pm SD	26.99 \pm 3.9	27.32 \pm 3.1	0.691			
Stone Size, mean \pm SD	13.39 \pm 5.2	15.15 \pm 6.2	0.333			
Stone Density	1017 \pm 330	1094 \pm 299	0.113			
Stone Number, mean \pm SD	1.51 \pm 0.8	2.19 \pm 1.2	<0.0001	<0.0001	2.28	1.48-3.49
Stone Right Side, <i>n</i> (%)	186 (50.5%)	28 (53.8%)	0.656			
Localisation, <i>n</i> (%)			0.168			
Upper Calyx	19 (5.4%)	5 (10.2%)				
Middle Calyx	32 (9.1%)	3 (6.1%)				
Lower Calyx	86 (24.5%)	11 (22.4%)				
Pelvis	122 (34.8%)	23 (46.9%)				
Proximal Ureter	92 (26.2%)	7 (14.3%)				
sURS Utulization, <i>n</i> (%)	126 (34.1%)	7 (13.2%)	0.002	0.179		
Failed UAS Placement <i>n</i> (%)	17 (4.6%)	12 (22.6%)	<0.0001	0.035	3.49	1.09-11.14
Operation Time, mean \pm SD	72.4 \pm 30.6	80.97 \pm 36.1	0.153	0.354		
Fluoroscopy Time, mean \pm SD	14.5 \pm 13.9	14.3 \pm 28.5	0.981			
Complication Rate, <i>n</i> (%)						
Intraoperative, <i>n</i> (%)	7 (%1.9)	8 (%15.1)	<0.0001	0.654		
Postoperative, <i>n</i> (%)	20 (%5.4)	8 (%15.1)	0.015	0.059		

