

	Group 1 Standard of care (n=51)	Group 2 Second-look flexible URS (n=125)	P-Value
Age (year); mean ± SD	48.8±15.1	47.9±11.1	.68
Follow-up (month); mean ± SD	21.2±10.9	20.5±11.7	.69
Female; n (%)	18 (35.3)	31 (24.8)	
Male; n (%)	33 (64.7)	94 (75.2)	.159
Left Side; n (%)	25 (49)	74 (59.2)	
Right Side; n (%)	26 (51)	51 (40.8)	.217
BMI (kg/m2); mean ±SE	27.5±3.7	28.6±4.2	.106
Size (mm); mean ±SE	20.1±9.3	16.5±9.1	.006
Difficulty; n (%)			
Easy	31 (60.8)	21 (16.8)	N/A
Moderate	7 (13.7)	29 (23.2)	N/A
Hard	13 (25.5)	75 (60)	N/A
Stone Density (HU); mean ± SD	910.8±320.8	1116.7±369.8	<.001
Stone composition (Predominant component), n(%)			
Calcium oxalate	42 (82.35)	90 (72)	N/A
Calcium phosphate	6 (11.76)	19 (15.2)	N/A
Cystine	1 (1.96)	5 (4)	N/A
Uric acid	1 (1.96)	8 (6.4)	N/A
Struvite	1 (1.96)	3 (2.4)	N/A
First Procedure			
Stone-free rate; n (%)	19 (37.25)	51 (40.8)	.663
Second-look URS			
Stone free-rate; n(%)	-	117 (93.6)	N/A
Postoperative stone-related events; n(%)			
No event	22 (43.14)	99 (79.2)	<.001
Asymptomatic stone growth	2 (3.92)	10 (8)	N/A
Urinary infection	8 (15.69)	10 (8)	N/A
Renal colic	3 (5.88)	1 (0.8)	N/A
Emergency room admission	1 (1.96)	-	N/A
Shock wave lithotripsy	8 (15.69)	1 (0.8)	N/A
Re-Operation	7 (13.73)	4 (3.2)	N/A

BMI: Body mass index, SD: standard deviation, SE: standard error,
HU: Hounsfield unit, URS: ureterorenoscopy

Table 1. Demographic and clinical data of the study groups.