Supplementary Table- Patient and hospital characteristics by procedure type

	SWL (N=1087)	URS (N=1194)	Total (N=2281)	p value
Age in years at admission				0.0010[1]
Median	17.0	17.0	17.0	
Q1, Q3	13.0, 17.0	14.0, 18.0	14.0, 17.0	
Patient Age, By Category				0.0034[2]
0-1 years- infants	8 (0.7%)	5 (0.4%)	13 (0.6%)	
1-3 years- toddlers	13 (1.2%)	6 (0.5%)	19 (0.8%)	
3-6 years- preschool	32 (2.9%)	24 (2.0%)	56 (2.5%)	
6-12 years- schoolage	211 (19.4%)	179 (15.0%)	390 (17.1%)	
12-18 years-teens	823 (75.7%)	980 (82.1%)	1803 (79.0%)	
Gender				0.0001[2]
Male	412 (37.9%)	374 (31.3%)	786 (34.5%)	
Female	595 (54.7%)	757 (63.4%)	1352 (59.3%)	
Race				0.1314[2]
White	515 (47.4%)	621 (52.0%)	1136 (49.8%)	
Black	30 (2.8%)	33 (2.8%)	63 (2.8%)	
Other	156 (14.4%)	167 (14.0%)	323 (14.2%)	
Insurance				0.0005[2]
A	3 (0.3%)	1 (0.1%)	4 (0.2%)	
Public	314 (28.9%)	292 (24.5%)	606 (26.6%)	
Private	676 (62.2%)	834 (69.8%)	1510 (66.2%)	
Other	91 (8.4%)	67 (5.6%)	158 (6.9%)	
Treatment Year				0.0003[4]
2007	239 (22.0%)	188 (15.7%)	427 (18.7%)	
2008	303 (27.9%)	313 (26.2%)	616 (27.0%)	
2009	300 (27.6%)	378 (31.7%)	678 (29.7%)	
2010	245 (22.5%)	315 (26.4%)	560 (24.6%)	
Location of Stone				
renal	764 (70.3%)	347 (29.1%)	1111 (48.7%)	<0.0001[2]
ureteral	378 (34.8%)	967 (81.0%)	1345 (59.0%)	<0.0001[2]
Income				0.0224[2]
First quartile	260 (23.9%)	272 (22.8%)	532 (23.3%)	
Second quartile	313 (28.8%)	296 (24.8%)	609 (26.7%)	
Third quartile	271 (24.9%)	290 (24.3%)	561 (24.6%)	
Fourth quartile	228 (21.0%)	317 (26.5%)	545 (23.9%)	
Charlson Comorbidity score				0.2125[3]
0	1001 (92.1%)	1074 (89.9%)	2075 (91.0%)	
1	61 (5.6%)	93 (7.8%)	154 (6.8%)	
2	22 (2.0%)	23 (1.9%)	45 (2.0%)	
3	3 (0.3%)	4 (0.3%)	7 (0.3%)	

Supplementary Table- Patient and hospital characteristics by procedure type

	SWL (N=1087)	URS (N=1194)	Total (N=2281)	p value
Hospital State				0.0001^2
CA	282 (25.9%)	245 (20.5%)	527 (23.1%)	
FL	389 (35.8%)	403 (33.8%)	792 (34.7%)	
NC	185 (17.0%)	195 (16.3%)	380 (16.7%)	
NY	181 (16.7%)	281 (23.5%)	462 (20.3%)	
UT	50 (4.6%)	70 (5.9%)	120 (5.3%)	

[1]Kruskal Wallis   [2]Chi-Square   [3]Fisher Exact

[4]Unadjusted Logistic regression for modeling probability of URS with year as categorical