

Table S7 General characteristics of participants

Characteristics	Total participants		
	Nephrolithiasis	Control	P-value
Age (years old, n, %)			1.000
40-44	1,593 (8.3)	6,372 (8.3)	
45-49	3,659 (19.2)	14,636 (19.2)	
50-54	4,570 (23.9)	18,280 (23.9)	
55-59	3,525 (18.5)	14,100 (18.5)	
60-64	2,570 (13.5)	10,280 (13.5)	
65-69	1,709 (9.0)	6,836 (9.0)	
70-74	955 (5.0)	3,820 (5.0)	
75-79	402 (2.1)	1,608 (2.1)	
80-84	102 (0.5)	408 (0.5)	
85+	18 (0.1)	72 (0.1)	
Sex (n, %)			1.000
Male	12,303 (64.4)	49,212 (64.4)	
Female	6,800 (35.6)	27,200 (35.6)	
Income (n, %)			1.000
1 (lowest)	2,576 (13.5)	10,304 (13.5)	
2	2,269 (11.9)	9,076 (11.9)	
3	2,893 (15.1)	11,572 (15.1)	
4	4,108 (21.5)	16,432 (21.5)	
5 (highest)	7,257 (38.0)	29,028 (38.0)	
Region of residence (n, %)			1.000

Urban	8,667 (45.4)	34,668 (45.4)	
Rural	10,436 (54.6)	41,744 (54.6)	
CCI score (scores, n, %)			0.005*
0	18,735 (98.1)	74,671 (97.7)	
1	58 (0.3)	370 (0.5)	
2	72 (0.4)	336 (0.4)	
3	53 (0.3)	257 (0.3)	
≥ 4	185 (1.0)	778 (1.0)	
Obesity (BMI, kg/m ² , n, %)			<0.001*
< 18.5 (underweight)	267 (1.4)	1,642 (2.2)	
≥ 18.5 to < 23 (normal)	5,546 (29.0)	27,089 (35.5)	
≥ 23 to < 25 (overweight)	5,586 (29.2)	21,246 (27.8)	
≥ 25 to < 30 (obese I)	7,069 (37.0)	24,472 (32.0)	
≥ 30 (obese II)	635 (3.3)	1,963 (2.6)	
Smoking status (n, %)			<0.001*
Nonsmoker	12,434 (65.1)	48,225 (63.1)	
Past smoker	2,490 (13.0)	9,512 (12.5)	
Current smoker	4,179 (21.9)	18,675 (24.4)	
Alcohol consumption (n, %)			<0.001*
Nondrinker	11,030 (57.7)	40,219 (52.6)	
1-3 times per month	2,985 (15.6)	12,417 (16.3)	
≥ 1 time per week	5,088 (26.6)	23,776 (31.1)	
Total cholesterol (mg/dL, mean, SD)	201.8 (37.2)	199.4 (37.3)	<0.001†

Fasting blood glucose (mg/dL, mean, SD)	99.8 (28.8)	99.5 (29.9)	0.186
Cystitis or urethritis (n, %)	8,355 (43.7)	20,272 (26.5)	<0.001*
Stroke (n, %)	1,615 (8.5)	5,476 (7.2)	<0.001*
Ischemic heart disease (n, %)	1,879 (9.8)	5,895 (7.7)	<0.001*

Abbreviations: BMI, body mass index, kg/m², CCI, Charlson comorbidity index

* Chi-square test. Significance at P < 0.05

† Independent *t* test. Significance at P < 0.05