

Supplemental Material

- **Supplemental Table 1: ICD-9 codes**
- **Supplemental Table 2: Number of Recurrent Stone Events and Surgeries**

Supplemental Table 1: ICD-9 codes

Clinical Diagnoses	ICD-9 Codes
Diabetes	250, 357.2, 362.01, 362.02, 366.41, 648.8, 790.2
Coronary artery disease	410,411,412,413
Dyslipidemia	272.0, 272.1, 272.2, 272.3, 272.4
Gout	274.0, 274.81, 274.82, 274.89, 274.9
Clinical CKD	250.4, 274.10, 274.19, 403, 404, 446.21, 453.3, 572.4, 581, 582, 583, 585, 586, 587, 593.89, 593.9, 753.1, 753.0, 753.3, 791
Tobacco use	305.1, 989.84, V15.82
Alcohol dependence	291, 303, 305, V79.1

Supplemental Table 2: Number of Recurrent Stone Events and Surgeries

	N (%)	Years of Follow-Up Mean (SD)
Number of recurrent stone events during follow-up		
0	944 (83.0%)	7.4 (4.6)
1	127 (11.2%)	9.8 (3.9)
2	35 (3.1%)	10.4 (3.5)
3	21 (1.8%)	10.8 (3.5)
4	4 (0.4%)	10.2 (2.5)
5	2 (0.2%)	9.2 (8.8)
6	2 (0.2%)	11.1 (2.6)
7	1 (0.1%)	10.9
Number of stone surgeries during follow-up		
0	706 (62.1%)	7.9 (4.6)
1	373 (32.8%)	7.6 (4.6)
2	43 (3.8%)	8.5 (4.9)
3	10 (0.9%)	10.3 (3.8)
4	1 (0.1%)	10.8
5	3 (0.3%)	12.1 (1.1)