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Supplemental Table 1. Changes in dietary factors after an incident kidney stone and changes in non-stone formers in the same time period

	Health Professionals Follow-up Study		Nurses' Health Study I		Nurses' Health Study II	
	Stone Formers (n= 1,805)	Non-stone Formers (n=38,148)	Stone Formers (n= 1,778)	Non-stone Formers (n= 54,542)	Stone Formers (n= 3,512)	Non-stone Formers (n= 84,613)
	Age, years	52 (9)	54 (10)	52 (7)	52 (7)	36 (5)
Body mass index, kg/m ²	25.6 (3.1)	25.5 (3.4)	26.6 (5.8)	25.2 (4.7)	25.9 (6.0)	24.6 (5.3)
Diabetes mellitus (%)	9 (2%)	1,179 (3%)	17 (5%)	1,811 (3%)	9 (1%)	810 (0.9%)
Hypertension (%)	88 (19%)	8,186 (21%)	72 (25%)	13,428 (24%)	48 (7%)	5,378 (6%)
Thiazides (%)	27 (6%)	3,415 (8%)	35 (12%)	7,400 (13%)	18 (3%)	1,460 (2%)
Dietary Calcium (mg/d)						
Before	821	862	757	791	837	887
After 1-4y	839	885	755	800	840	890
After 5-8y	863	897	782	820	868	911
Supplemental calcium (mg/d)						
Before	142	151	441	444	320	324
After 1-4y	127	165	367	446	362	423
After 5-8y	178	194	385	499	445	515

Animal protein (g/d)						
Before	65	65	51	51	59	60
After 1-4y	62	62	49	50	56	58
After 5-8y	60	60	47	48	55	55
Caffeine (mg/d)						
Before	169	213	175	206	169	205
After 1-4y	156	201	143	183	159	201
After 5-8y	148	185	138	165	162	193
Sodium (mg/d)						
Before	2,553	2,611	2,125	2,138	2,201	2,236
After 1-4y	2,266	2,269	1,908	1,895	2,209	2,230
After 5-8y	2,282	2,287	1,897	1,875	2,265	2,273
Potassium (mg/d)						
Before	3,421	3,592	2,925	3,061	3,043	3,182
After 1-4y	3,420	3,587	2,895	3,064	3,118	3,272
After 5-8y	3,524	3,667	2,990	3,128	3,208	3,317
Oxalate (mg/d)						
Before	194	194	160	159	180	184
After 1-4y	207	213	156	164	192	202
After 5-8y	221	229	164	169	205	213

Phytate (mg/d)						
Before	1,002	1,034	793	821	849	877
After 1-4y	1,036	1,063	817	845	901	918
After 5-8y	1,066	1,083	839	868	949	971
Fructose (g/d)						
Before	25	25	20	20	23	22
After 1-4y	26	25	21	21	23	22
After 5-8y	26	25	21	21	23	22
Sugar-sweetened beverages (servings/w)						
Before	2.4	1.7	1.8	1.3	3.8	2.5
After 1-4y	2.2	1.5	0.3	0.2	0.5	0.3
After 5-8y	1.9	1.4	0.2	0.2	0.4	0.3
Total vitamin C (mg/d)						
Before	439	422	320	339	298	310
After 1-4y	395	427	304	350	313	339
After 5-8y	438	459	324	370	334	365
Total vitamin D (UI)						
Before	479	499	527	549	446	457
After 1-4y	498	526	515	541	456	489
After 5-8y	547	552	597	600	508	537

Fluid intake (mL/d)						
Before	1,657	1,861	1,678	1,843	1,796	1,953
After 1-4y	1,649	1,796	1,728	1,819	1,741	1,872
After 5-8y	1,633	1,763	1,629	1,735	1,673	1,816
NEAP (mEq/d)						
Before	30	27	26	24	31	29
After 1-4y	27	25	25	23	28	26
After 5-8y	24	23	22	20	25	23
DASH score (points/d)						
Before	22.9	23.7	22.7	23.7	22.6	23.4
After 1-4y	23.1	23.8	22.8	23.8	22.5	23.4
After 5-8y	23.2	24.0	23.1	23.9	22.3	23.4

Models stratified by time period and adjusted for age, body mass index, history of high blood pressure, history of diabetes, and use of thiazides. The numbers do not add up because those participants who will develop a kidney stone over a subsequent time were not included. DASH: Dietary Approach to Stop Hypertension; NEAP: net endogenous acid production.

Supplemental Figure 1. Flow diagram of sample selection in the Health Professionals Follow-up Study and Nurses' Study I and II cohorts.

