

**Supplementary Table 1.** Baseline characteristics of subjects with and without 24-hour urine collection data

	24-hour UA done (n=1,946)	24-hour UA not-done (n=3,118)	P
Age, years	56.1 ± 13.5	26.4 ± 13.6	0.34
Female (%)	840 (43.2%)	1,298 (41.6%)	0.29
Hemodialysis (%)	1,254 (64.4%)	2,032 (65.2%)	0.61
Dialysis vintage, months (IQR)	9 (3-39)	7 (3-39)	0.36
Primary renal disease (%)			<0.001
Diabetic nephropathy	920 (47.3%)	1,338 (42.9%)	
Hypertensive	365 (18.8%)	584 (18.7%)	
Glomerulonephritis	349 (17.9%)	373 (12.0%)	
Polycystic kidney disease	60 (3.1%)	62 (2.0%)	
Others/ Unknown	74/ 178 (3.8/ 9.1%)	122/ 639 (3.9/ 20.5%)	
Modified CCI	5.2 ± 2.4	5.1 ± 2.2	0.08
Diabetes mellitus (%)	996 (51.2%)	1,527 (49.0%)	0.13
<sup>a</sup> CVD (%)	709 (36.4%)	1,056 (33.9%)	0.06
SBP, mmHg	139.2 ± 21.0	140.3 ± 21.4	0.08
Body mass index, kg/m <sup>2</sup>	22.6 ± 3.3	23.0 ± 3.3	<0.001
Hemoglobin, g/dL	9.9 ± 1.7	9.8 ± 1.6	0.23
BUN, mg/dL	71.7 ± 31.1	70.3 ± 32.2	0.14
Creatinine, mg/dL	9.3 ± 3.5	9.3 ± 3.7	0.80

Albumin, g/dL	3.7 ± 0.6	3.6 ± 0.6	0.80
Glucose, mg/dL	136.9 ± 72.1	136.9 ± 68.5	0.82
Calcium, mg/dL	8.4 ± 1.2	8.4 ± 1.2	0.68
Phosphorus, mg/dL	5.3 ± 1.9	5.3 ± 1.9	0.78
eGFR-urea, creat, mL/min/1.73m <sup>2</sup> (IQR)	2.5 (1.7-3.9)	2.4 (1.5-3.9)	0.18
Follow-up duration, months	42.2 ± 18.9	42.0 ± 19.8	0.74
Death (%)	385 (19.8%)	600 (19.2%)	0.64

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*Note:* Data are expressed as the mean ± standard deviation, median (IQR), or number of patients (percent).

<sup>a</sup>CVD: A composite of coronary artery disease, peripheral artery disease, cerebrovascular accidents, and congestive heart failure.

*Abbreviations:* BUN, blood urea nitrogen; CCI, Charlson comorbidity index; CVD, cardiovascular disease; eGFR, estimated glomerular filtration rate; IQR, interquartile range; SBP, systolic blood pressure; UA, urinalysis.

**Supplementary Table 2.** Uni- and multivariable linear regression analyses of clinical and biochemical variables for urine volume

	Univariate	<sup>a</sup> Model 1	<sup>b</sup> Model 2
	$\beta$ (95% CI)	$\beta$ (95% CI)	$\beta$ (95% CI)
Age (per year)	-0.04 (-0.07, -0.02)	0.001 (-0.03, 0.03)	-0.005 (-0.03, 0.02)
Female (vs. male)	-0.72 (-1.32, -0.12)	-0.55 (-1.16, 0.06)	-0.66 (-1.23, -0.09)
PD (vs. HD)	1.15 (0.90, 1.45)	3.70 (3.04, 4.35)	3.03 (2.41, 3.64)
Dialysis vintage (per month)	-0.07 (-0.07, -0.06)	-0.06 (-0.07, -0.05)	-0.05 (-0.06, -0.04)
Modified CCI (per 1)	-0.27 (-0.40, -0.15)	-0.14 (-0.30, 0.03)	-0.15 (-0.30, 0.001)
BMI (per kg/m <sup>2</sup> )	0.28 (0.19, 0.37)	0.20 (0.10, 0.29)	0.16 (0.07, 0.24)
Log hs-CRP (per mg/dL)	-0.45 (-0.90, -0.004)	-0.48 (-0.87, -0.09)	-
<sup>c</sup> B2M (per mg/L)	-0.13 (-0.15, -0.11)		-0.07 (-0.09, -0.05)

<sup>a</sup>Model 1: adjusted for age, gender, dialysis modality, dialysis vintage, modified CCI, BMI, and log hs-CRP

<sup>b</sup>Model 2: adjusted for age, gender, dialysis modality, dialysis vintage, modified CCI, BMI, and B2M

<sup>c</sup>B2M concentrations were available in 1,640 patients.

*Abbreviations:* B2M,  $\beta$ 2-microglobulin, BMI, body mass index; CCI, Charlson comorbidity index; CI, confidence interval; HD, hemodialysis; hs-CRP, high-sensitivity C-reactive protein; PD, peritoneal dialysis.