Supplementary Table 2. Changes in biochemistry data and dietary consumption of foods and nutrients in pre-dialysis CKD patients with cadmium levels ≥1.4 µg/L (n=12)

	Baseline	1 yr	*p*-value
Caloric intake (kcal)	1,729±552	1,767±55	0.657
Protein (g)	59.0±21.2	56.5±24.0	0.722
Animal protein (g)	23.9±8.4	22.1±14.8	0.657
Vegetable protein (g)	35.1±14.1	34.4±12.1	0.657
Lipid (g)	30.5±11.2	29.5±18.0	0.859
Animal lipid (g)	17.9±6.6	17.4±12.1	0.722
Vegetable lipid (g)	12.6±6.2	12.1±7.8	0.374
Carbohydrate (g)	303.6±98.8	314.8±91.0	0.534
Fiber (g)	25.6±11.2	23.0±14.7	0.424
Retinol (µg)	80.1±34.5	74.1±50.9	0.859
Niacin (mg)	12.3±4.2	11.8±6.1	0.594
Vitamin E (mg)	12.3±5.1	11.6±7.7	0.374
Cholesterol (mg)	218.0±87.1	216.4±182.3	0.594
Calcium (mg)	420.9±167.8	413.0±217.1	0.594
Animal calcium (mg)	140.5±46.0	188.1±114.3	0.213
Vegetable calcium (mg)	280.4±128.0	224.9±128.0	0.328
Phosphorus (mg)	965.8±360.9	955.2±414.8	0.722
Sodium (mg)	1,995±716	2,043±1,223	1.000
Potassium (mg)	3,215±1,432	2,736±1,765	0.374
Magnesium (mg)	140.6±87.7	126.4±90.0	0.534
Zinc (mg)	11.3±3.9	10.4±3.8	0.477
Manganese (mg)	2.6±1.4	2.4±1.6	0.477
Selenium (µg)	39.3±14.7	37.2±24.4	0.657
Cadmium (µg/L)	2.2±0.8	2.0±0.7	0.099
Mercury (µg/L)	4.1±1.8	3.3±1.5	0.012
Blood urea nitrogen (mg/dL)	23.0 (20.0–31.8)	22.0 (19.3–32.3)	0.858
Creatinine (mg/dL)	1.38 (0.98–2.29)	1.43 (1.02–2.33)	0.005
eGFR (mL/min/1.73 m^2)	47.4 (29.9–60.1)	44.7 (29.3–57.2)	0.010
Cystatin C (mg/dL)	1.7±0.9	1.9±1.1	0.008

Cystatin C based GFR (mL/min/1.73 m^2)	44.1±14.9	41.5±18.4	0.033
Albumin (g/dL)	4.2±0.3	4.1±0.3	0.299
Hemoglobin (g/dL)	12.9±2.0	13.5±4.1	0.789
Calcium (mg/dL)	9.3 (9.1–10.0)	9.4 (9.0–9.7)	0.089
Phosphorus (mg/dL)	3.8 (3.2–4.0)	4.0 (3.5–4.3)	0.109
UPCR (g/g)	0.5 (0.2–1.6)	0.6 (0.1–1.6)	0.224

Data are expressed as mean±standard deviation or median (interquartile range).

eGFR, estimated glomerular filtration rate; UPCR, urinary protein to creatinine ratio.

The nonparametric Wilcoxon signed-rank was used to compare baseline data with 1 year data.

$p<0.05$ (mean values are significantly different from the baseline levels).