

Supplementary data

Supplementary Table 1. Comparisons of baseline characteristics in non-donor control group according to baseline kidney function

	Non-donor control group without Cr value (%) (n = 31,436)	Non-donor control group with Cr value (%) (n = 3,608)	P value
Age at delivery (yr)	32.4 ± 3.8	37.4 ± 3.5	< 0.001
DM	1,768 (5.6)	213 (5.9)	0.404
HTN	2,205 (7.0)	505 (14.0)	< 0.001
DM + HTN	194 (0.6)	42 (1.2)	

Data are presented as mean ± standard deviation or number (%).

Cr, creatinine; DM, diabetes mellitus; HTN, hypertension.

Supplementary Table 2. Characteristics in living women donors according to transplant era

Characteristic	Era at donation			P value
	1985–1995 (n = 135)	1996–2005 (n = 201)	2006–2014 (n = 299)	
Age (yr)	42.10 ± 11.8	39.7 ± 9.7	42.9 ± 9.2	0.002
Body weight (kg)	55.3 ± 10.6	57.2 ± 8.7	58.6 ± 8.9	0.003
BMI (kg/m ²)	23.1 ± 3.3	23.1 ± 3.0	23.2 ± 3.1	0.989
Age group (yr)				0.005
< 30	26 (19.3)	33 (16.4)	26 (8.7)	
≥ 30, < 50	73 (54.1)	130 (64.7)	197 (65.9)	
≤ 50	36 (26.7)	38 (18.9)	76 (25.4)	
Donor type				< 0.001
Living-related	116 (96.7)	140 (75.7)	199 (66.6)	
Living-unrelated	4 (3.3)	45 (24.3)	100 (33.4)	
Spouse	1 (0.8)	40 (21.6)	74 (24.7)	< 0.001
Donor ABO type				< 0.001
A	35 (25.9)	60 (29.9)	84 (28.1)	
B	28 (20.7)	34 (16.9)	71 (23.7)	
O	42 (31.1)	82 (40.8)	130 (43.5)	
AB	11 (8.1)	8 (4.0)	14 (4.7)	
Smoking history	0 (0)	3 (2.3)	6 (2.0)	0.824
HTN history at donation	3 (2.2)	6 (3.0)	19 (6.4)	0.075
Creatinine at donation (mg/dL)	0.83 ± 0.12	0.77 ± 0.12	0.73 ± 0.11	< 0.001
CKD EPI eGFR at donation (mL/min/1.73 m ²)	88.8 ± 17.2	97.2 ± 15.1	98.1 ± 14.0	< 0.001
SBP at donation (mmHg)	115.7 ± 13.0	114.3 ± 12.5	112.9 ± 11.2	0.085
Hb at donation (g/dL)	12.6 ± 1.1	12.8 ± 1.0	13.1 ± 0.95	< 0.001
Phosphorus at donation (mg/dL)	3.7 ± 0.5	3.6 ± 0.5	3.6 ± 0.4	0.010
Mean observation period (mo)	177.2 ± 131.7	178.5 ± 36.1	65.2 ± 27.3	< 0.001
HTN development after donation	4 (3.0)	12 (6.0)	6 (2.0)	0.056
CVD development after donation	1 (0.7)	2 (1.0)	-	0.247
Malignancy development after donation	2 (1.5)	9 (4.5)	2 (0.7)	0.011
ESRD development after donation	0 (0)	0 (0)	0 (0)	NA

Data are presented as mean ± standard deviation or number (%).

BMI, body mass index; CKD EPI eGFR, estimated glomerular filtration rate using Chronic Kidney Disease Epidemiology Collaboration equation; CVD, cardiovascular disease; ESRD, end-stage renal disease; Hb, hemoglobin, HTN, hypertension; NA, not available; SBP, systolic blood pressure.