

Extended Data Table 1. Clinical Characteristics of Participants

Characteristics	CKD Patients (BNP < 200 ng/L)	CKD Patients (BNP ≥ 200 ng/L)	<i>P</i> value
Number (n)	36	26	-
Age (years)	61.64 ± 2.35	59.12 ± 3.27	0.5213
Male, n (%)	24 (66.67%)	11 (42.31%)	0.0988
BMI (kg/m ²)	23.28 ± 0.82	23.24 ± 0.67	0.9711
SBP (mmHg)	136.6 ± 2.52	140.5 ± 4.28	0.4036
DBP (mmHg)	77.31 ± 1.51	81.85 ± 2.53	0.1086
BNP (ng/L)	103.4 ± 7.66	389.2 ± 47.67	< 0.0001
BUN (mmol/L)	21.91 ± 1.37	23.76 ± 1.67	0.3936
UA (mmol/L)	1.574 ± 0.09	1.799 ± 0.19	0.2529
Scr (μmol/L)	772.9 ± 51.84	849.8 ± 51.12	0.3091
eGFR (mL/min/1.73m ²)	6.46 ± 0.44	5.64 ± 0.54	0.2379
LVEF (%)	66.58 ± 0.41	62.64 ± 1.30	0.0018
LVEDD (mm)	50.78 ± 0.53	54.18 ± 1.11	0.0039
LVESD (mm)	32.13 ± 0.41	35.31 ± 1.00	0.0019
LAD (mm)	36.44 ± 0.41	38.71 ± 0.84	0.0112
IVSd (mm)	9.32 ± 0.16	10.44 ± 0.31	0.0012
LVPWd (mm)	9.34 ± 0.15	10.40 ± 0.30	0.0009

Abbreviations Notes: body mass index (BMI), systolic blood pressure (SBP), diastolic blood pressure (DBP), B-type natriuretic peptide (BNP), blood urea nitrogen (BUN), uric acid (UA), serum creatinine (Scr), estimated glomerular filtration rate (eGFR), left ventricular ejection fraction (LVEF), left ventricular end-diastolic diameter (LVEDD), left ventricular end-systole diameter (LVESD), left atrial diameter (LAD), interventricular septal thickness at end-diastole (IVSd), left ventricular posterior wall thickness at end-diastolic (LVPWd).

Values are expressed as mean ± SEM. The comparisons between the two groups were performed using the nonparametric two-tailed Student's *t*-test.