

TABLE 1 Baseline Patient Characteristics by stages of CKD

	Overall (N=72)	CKD 1~2 (N=39)	CKD 3a~3b (N=15)	CKD 4~5 (N=18)	<i>p</i> Value
Demographics					
Age, y	43.94±8.93	40.90±8.10	50.20±6.54	45.33±9.65	0.001
Marital status (Married, %)	63 (87.50)	32 (82.10)	15 (100.00)	16 (88.90)	0.199
Weight, kg	68.86±10.76	68.15±12.12	70.37±9.76	69.17±8.59	0.791
Height, cm	168.71±5.37	168.44±5.80	168.60±4.90	169.39±5.00	0.825
BMI, kg/m ²	24.18±3.59	23.98±3.98	24.75±3.25	24.14±3.08	0.780
Smoking status (%)					
Current smoker	12 (16.70)	5 (12.90)	3 (20.00)	4 (22.20)	0.032
Ex-smoker	10 (13.90)	1 (2.60)	5 (33.30)	4 (22.20)	
Never	50 (69.40)	33 (84.60)	7 (46.70)	10 (55.60)	
Drinking status (%)					
Current drinker	13 (18.10)	7 (17.90)	4 (26.70)	2 (11.10)	0.270
Ex-drinker	10 (13.90)	3 (7.70)	2 (13.30)	5 (27.80)	
Never	49 (68.10)	29 (74.40)	9 (60.00)	11 (61.10)	
Renal function					
Scr, μmol/L	246.72	92.84	143.61	666.06	< 0.001
eGFR, mL/min/1.73 m ²	62.22±36.24	89.96±19.11	49.97±8.53	12.32±8.66	< 0.001
ACR, mg/L	1256.50	648.42	874.61	2892.25	< 0.001
BuN, mmol/L	10.11±8.65	5.21±1.20	8.29±5.17	22.22±8.60	< 0.001
BUA, μmol/L	410.63±136.26	387.27±102.33	440.77±105.83	436.12±205.36	0.289
Comorbidities (%)					
Hypertension	44 (61.10)	18 (46.20)	9 (60.00)	17 (94.40)	0.002
Diabetes	11 (15.30)	2 (5.10)	2 (13.30)	7 (38.90)	0.004
Chronic prostatitis	4 (5.60)	4 (10.30)	0 (0.00)	0 (0.00)	0.167
Benign Prostate Hyperplasia	4 (5.60)	0 (0.00)	2 (13.30)	2 (11.10)	0.079
Medication regimen (%)					
ACEI/ARB	25 (34.70)	16 (41.00)	6 (40.00)	3 (16.70)	0.178
CCB	18 (25.00)	1 (2.60)	5 (33.30)	12 (66.70)	< 0.001
β blocker	9 (12.50)	1 (2.60)	0 (0.00)	8 (44.40)	< 0.001
ISA	24 (33.30)	18 (46.20)	3 (20.00)	3 (16.70)	0.042
ULT	28 (38.90)	12 (30.80)	5 (33.30)	11 (61.10)	0.081
SGLT2	2 (2.80)	1 (2.60)	1 (6.70)	0 (0.00)	0.506
Other hypoglycemic drugs	5 (6.90)	2 (5.10)	1 (6.70)	2 (11.10)	0.71
Psychological factor					
Depression	7.12	6.08	5.07	11.11	0.002
Anxious	3.24±3.18	3.08±3.24	2.73±2.58	4.00±3.51	0.476

Values are mean ± SD, n (%), or median (IQR).

CKD: chronic kidney disease; BMI: body mass index; Scr: serum creatinine; eGFR: estimated glomerular filtration rate; ACR: albumin-to-creatinine ratio; BuN: urea nitrogen; BUA: blood uric acid; ACEI/ARB: Angiotensin converting enzyme inhibitor, Angiotonin II receptor blocker; CCB: calcium channel blocker; β blocker: Beta blocker; ISA: immunosuppressant; ULT: Urate-Lowering Therapy; SGLT2: sodium-dependent glucose transporters 2.

TABLE 2 Distribution of sexual function by stages of CKD

	Overall (N=72)	CKD 1~2 (N=39)	CKD 3a~3b (N=15)	CKD 4~5 (N=18)	p Value
IIEF-5	17.04±6.49	18.56±5.23	17.73±6.05	13.17±7.93	0.011
IELT	6.33±3.50	7.32±3.60	4.47±3.03	5.75±3.00	0.017
PEDT	6.39±4.71	5.03±4.42	8.40±4.64	7.67±4.64	0.023
Values are mean ± SD.					