

Table 1 Comparisons of baseline characteristics in study participants

Variable	NC n=10	UACR<30mg/g n=21	UACR≥30to≤ 300mg/g n=20	UACR>300mg/ g n=27	P- value
Age (years)	45±17 ^c	45±13 ^c	59±13 ^{ab}	58±12 ^{ab}	0.001
Male/Female(n)	6/4	13/8	12/8	16/11	0.998
BW(kg)	61.15±8.01 ^b	76.50±12.67 ^a	72.33±16.07 ^a	68.63±14.58	0.012
BMI (kg/m ²)	23.04±3.10 ^{b c}	31.72±3.22 ^{a c}	28.31±4.13 ^{ab}	26.06±4.27 ^{ab}	<0.001
WC(cm)	76±8 ^b	88±9 ^a	91±11 ^a	87±11 ^a	0.003
HC(cm)	90±5	97±6 ^a	98±10 ^a	94±8	0.003
WHR	0.85±0.06	0.91±0.05 ^a	0.93±0.07 ^a	0.93±0.06 ^a	0.003
duration(yr)	---	4(2,8)	8(4,11)	8(4,11)	0.071
SBP (mmHg)	116±13	128±14	135±17 ^a	138±17 ^a	0.002
DBP (mmHg)	66±8	79±12 ^a	79±11 ^a	78±9 ^a	0.010
TC(mmol/L)	4.85±0.68	5.06±1.03	4.36±0.78	5.20±1.32	0.100
TG(mmol/L)	1.21 (0.65,1.55)	1.54 (1.08,2.31)	1.69 (1.20,2.03)	1.34 (1.17,2.45)	0.311
LDL-C(mmol/L)	3.05±0.66	3.21±0.73	2.67±0.59 ^b	3.34±0.86 ^c	0.036
HDL-C(mmol/L)	1.38±0.40	1.13±0.16	1.21±0.29	1.15±0.23	0.311
HbA _{1c} (%)	5.38±0.41	7.53±1.41 ^a	8.31±1.38 ^a	7.90±1.78 ^a	<0.001
Scr(umol/L)	67±15	78±14	74±16	99±42 ^{a c}	0.035
UA(umol/L)	340±92	358±100	347±101	395±87	0.329
eGFR(ml/min/1.73m ²)	109±22	99±21	88±20	74±24 ^{ab}	<0.001
UACR (mg/g)	3 (1,4)	6 (4,12)	87 (42,203) ^{ab}	861 (459, 1966) ^{abc}	<0.001
NPH(ug/ml)	1.21(0.36,1.68)	0.75(0.46,1.26)	1.12(0.59,1.29)	1.29(0.99,1.96) ^b	0.043
UTGFβ ₁ (pg/ml)	3.61±0.84	4.34±1.52	4.88±1.31	4.30±1.34	0.078
hsCRP (mg/L)	0.76 (0.26,1.24)	1.69 (0.69,3.59)	1.69 (0.88,3.68)	2.39 (0.96,4.55) ^a	0.028
IL-6(pg/ml)	1.50 (1.50,3.95)	2.43 (1.50,4.90)	2.85 (1.58,4.50)	4.31 (2.30,6.30) ^a	0.045
TNFα(pg/ml)	12.3(6.35,35.23)	14.50 (7.34,25.80)	23.2 (12.68,65.25)	27.60 (9.57,180)	0.121

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

a: versus NC Group, $P < 0.05$; b: versus UACR<30mg/g Group, $P < 0.05$; c: versus UACR≥30to≤300mg/g Group., $P < 0.05$;

Abbreviations:NC:normal control; BW:body weight; BMI: body mass index; WC:Waist Circumference;HC:Hip Circumference;WHR: Waist hip ratio ;SBP:Systolic blood pressure; DBP: Diatolic blood pressure;TC: Total choles-terol ; TG:triglycerides; LDL-C: low-density lipoprotein cholesterol; HDL-C: high-density lipoprotein cholesterol; HbA_{1c}:glycated haemoglobin;Scr: serum creatinine ;UA: Uric acid; eGFR :estimated Glomerular Filtration Rate;UACR: urine albumin/creatinine ; UTGFβ₁.urine transforming-growth-factor-beta₁; NPH: nephrin; hsCRP :High sensitivity C-reactive protein ;IL-6 Interleukin-6; TNFα:Tumor necrosis factor α.