

Variable	All women (n = 214)	Low ASCVD risk (n = 17)	Medium-high ASCVD risk (n=197)	P Value
Age, (year)	61.44 ± 9.26	47.25 (35.60, 52.53)	62.30 (58.00, 67.60)	0.000
Menopause status, n (%)	199 (92.99)	8 (47.06)	191 (96.95)	0.000
WC, (cm)	87.15 ± 9.25	80.69 ± 11.04	88.73 ± 8.39	0.000
Weight, (Kg)	60.29 ± 9.98	55.00 (49.25, 68.50)	60.00 (55.00, 67.00)	0.168
Height, (cm)	160.00 (156.00,163.00)	163.50 (158.50, 167.50)	160.00 (157.00, 163.00)	0.017
WHR	0.55 (0.51,0.59)	0.48 (0.45, 0.52)	0.56 (0.52, 0.59)	0.000
BMI, (Kg/m ²)	23.63 ± 3.33	21.63 (19.67, 24.17)	23.71 (21.64, 26.03)	0.005
History of ASCVD, n (%)	15 (6.23)	0 (0)	15 (7.61)	0.493
Current smoking, n (%)	2 (0.01)	0 (0)	2 (1.02)	1.000
Hypertension, n (%)	136 (63.55)	4 (23.53)	132 (67.01)	0.000
Antihypertensive therapy, n (%)	117 (54.67)	1 (5.88)	116 (58.88)	0.000
Statin use, n (%)	68 (31.78)	3 (17.65)	65 (32.99)	0.423
Antidiabetic, n (%)	211 (98.60)	17 (100)	194 (98.48)	1.000
SBP, (mmHg)	141.10 ± 26.52	113.50 (103.25, 125.50)	143.00 (128.00, 158.00)	0.000
DBP, (mmHg)	80.23 ± 17.71	71.00 (64.75, 83.25)	81.00 (72.00, 90.00)	0.002
HbA1c, (%)	8.33 ± 2.28	7.95 (6.15, 10.15)	7.80 (6.88, 9.50)	0.788
Diabetes duration, (year)	9.54 ± 7.78	5.44 ± 0.67	9.08 ± 0.96	0.020
FBG, (mmol/l)	8.56 ± 3.06	9.08 ± 3.83	8.80 ± 3.21	0.363
2h PG, (mmol/l)	16.96 ± 5.49	14.06 (11.07, 21.81)	16.86 (12.88, 20.17)	0.945
FCP, (ng/ml)	1.43 ± 0.90	1.46 ± 0.84	1.37 ± 0.53	0.637
CP-2, (ng/ml)	5.67 ± 3.14	2.28 (1.69, 3.84)	3.50 (2.53, 5.08)	0.000
FINS, (mIU/l)	8.84 ± 0.65	5.99 (4.88, 8.68)	6.85 (4.61, 9.97)	0.127
2-FIN, (mIU/l)	28.82 ± 20.17	16.94 (9.03, 23.73)	23.75 (14.77, 39.86)	0.012
HOME-IR	3.24 ± 2.61	2.36 (1.58, 3.22)	2.51 (1.48, 4.06)	0.525
HOMA-β	47.00 ± 3.17	36.94 ± 4.1	42.34 ± 6.31	0.215
TG, (mmol/l)	2.10 ± 1.68	2.28 ± 2.36	2.04 ± 1.39	0.523
TC, (mmol/l)	4.54 (3.98, 5.39)	4.46 (3.95, 5.21)	4.37 (3.85, 5.24)	0.830
HDL, (mmol/l)	1.16 ± 0.28	1.15 (0.93, 1.32)	1.13 (0.96, 1.31)	0.727
LDL, (mmol/l)	3.00 (2.53, 3.81)	3.02 (2.57, 3.58)	2.90 (2.40, 3.60)	0.701
SFA, (cm ²)	178.00 (144.00, 219.00)	126.00 (105.00, 185.50)	187.00 (148.00, 236.00)	0.005
VFA, (cm ²)	115.00 (78.00, 136.75)	78.00 (57.50, 112.50)	118.00 (90.00, 147.00)	0.001
TyG index	1.81 (1.53, 2.32)	2.14 (1.37, 2.71)	1.91 (1.45, 2.28)	0.579
Ferritin, (ng/ml)	142.63 ± 103.06	126.50 (37.63, 196.25)	116.50 (71.63, 180.50)	0.598
Vitamin D, (mmol/l)	13.96 ± 5.01	14.52 ± 7.02	13.93 ± 4.98	0.445
Leukocyte counts, (10 ⁹ /L)	5.95 ± 1.65	5.14 (4.73, 7.01)	5.49 (4.74, 6.62)	0.366
Creatinine, (umol/l)	61.28 ± 13.66	59.25 (45.25, 67.53)	58.85 (52.50, 66.20)	0.679
Uric acid, (umol/l)	324.19 ± 83.73	288.00 (245.75, 380.25)	316.00 (260.00, 368.00)	0.369
Ca, (mmol/l)	2.22 ± 0.16	2.17 (2.09, 2.24)	2.20 (2.15, 2.27)	0.120
P, (mmol/l)	1.27 (1.15, 1.38)	1.21 ± 0.20	2.04 ± 0.54	0.749
eGFR, (mL/min/1.73 m2)	84.12 ± 25.72	92.60 (68.95, 117.90)	82.50 (69.20, 98.60)	0.262
Fatty liver, n (%)	94 (43.93)	7 (41.18)	87 (44.16)	0.961
Diabetic retinopathy, n (%)	125 (58.41)	5 (29.41)	120 (60.91)	0.003
Chronic kidney disease, n (%)	20 (9.35)	0 (0)	20 (10.15)	0.344
Osteocalcin, (ng/mL)	15.23 ± 5.85	15.54 ± 8.72	15.58 ± 6.80	0.748
CVAI	116.17 ± 29.15	91.49 (47.99, 108.71)	117.45 (105.36, 135.65)	0.000
10-year ASCVD risk, (%)	17.92 ± 9.73	2.90 ± 1.50	19.00 ± 9.00	0.000
ABI	22.41 ± 4.74	1.19 (1.05, 1.25)	1.16 (1.10, 1.23)	0.816
baPWV, (cm/s)	1944.79 ± 553.88	1693.00 (1226.00, 1825.00)	1818.00 (1670.00, 2147.00)	0.000
Arterial stiffness, n (%)	165 (77.10)	7 (41.18)	158 (80.20)	0.001

Table 2: General characteristics of the participants in women with type 2 diabetes mellitus patients. Mean(SD) or Median(IQR) was presented for the distribution of continuous data, and t-test or Mann-Whitney U test were used to exam the differences between groups. Frequency and percentage were used to describe categorical variables, and chi-square tests are applied in the same way. WC:Waist circumference; WHR: Weight/Height; ASCVD: Atherosclerotic cardiovascular disease, including acute coronary syndrome, myocardial infarction, stable or unstable angina pectoris, arterial revascularization, stroke, transient ischemic attack, atherosclerotic peripheral vascular disease, etc; SBP: Systolic blood pressure; DBP: Diastolic blood pressure; FBG: Fasting blood glucose; FCP: Fasting c-peptide;FINS: Fasting insulin; HOME-IR: Insulin resistance index; HOMA-β:Insulin secretion index; TG: Triglycerides;TC: Total cholesterol; LDL: Low-density lipoprotein cholesterol; HDL:High- density lipoprotein cholesterol; SFA: Subcutaneous fat area; VFA: Visceral fat area; TyG index: The triglyceride-glucose index; CVAI: Chinese visceral adiposity index; ABI: Ankle brachial-index; baPWV: brachial-ankle pulse wave velocity.