Supplementary Table 1. The clinical, body composition and metabolic parameters of all subjects.

|  |  |
| --- | --- |
|  Variables |  Total patients (n=1051) |
|  **Demographic Parameters** |  |
|  Age (years) | 57.00(48.00,64.00) |
|  Male (n,%) | 643(61.18) |
|  Smoking (n,%) | 278(26.45) |
|  Alcohol intake (n,%) | 139(13.23) |
|  Hypertension (n,%) | 571(54.33) |
|  History of CAD (n,%) | 82(7.80) |
|  Dyslipidemia (n,%) | 842(80.11) |
|  Antidiabetic drug (n,%) | 852(81.07) |
|  **Anthropometric Parameters** |  |
|  Height (cm) | 166.00(160.00,172.00) |
|  Weight (kg) | 68.00(61.10,76.90) |
|  BMI (kg/m2) | 24.80(22.80,27.20) |
|  NC (cm) | 38.61±4.76 |
|  WC (cm) | 91.39±9.65 |
|  HC (cm) | 97.45±7.87 |
|  SBP (mmHg) | 128.60±17.13 |
|  DBP (mmHg) | 74.79±10.32 |
|  MAP (mmHg) | 92.73±11.18 |
|  VFA (cm2) | 92.28±38.06 |
|  SFA (cm2) | 177.00(139.00,215.40) |
|  **Metabolic Parameters** |  |
|  Fasting plasma glucose (mmol/L) | 9.88(7.73,12.65) |
|  Fasting plasma insulin (µIU/mL) | 7.48(4.40,10.83) |
|  Fasting C-peptide (ng/mL) | 2.43±1.09 |
|  2h plasma glucose (mmol/L) | 19.19±5.22 |
|  2h plasma insulin (µIU/mL) | 31.25(16.24,44.62) |
|  2h C-peptide (ng/mL) | 4.49(3.24,6.73) |
|  HbA1c (%) | 9.50(8.00,11.00) |
|  HOMA-IR | 3.29(1.92,4.66) |
|  HOMA-ISI | 0.37(0.22,0.56) |
|  ALT (U/L) | 21.20(14.60,34.90) |
|  AST (U/L) | 17.50(13.50,24.70) |
|  ALP (U/L) | 71.00(58.00,86.00) |
|  γ-GGT (U/L) | 28.00(20.00,47.00) |
|  Albumin (g/L) | 40.40(38.20,42.50) |
|  Blood urea nitrogen (mmol/L) | 5.24(4.38,6.41) |
|  Creatinine (μmol/L) | 59.70(49.70,69.70) |
|  Uric acid (μmol/L) | 286.00(230.00,342.00) |
|  TCHOL (mmol/L) | 4.90±1.17 |
|  TG (mmol/L) | 1.94(1.38,2.89) |
|  HDL-c (mmol/L) | 1.06(0.89,1.26) |
|  LDL-c (mmol/L) | 2.82±0.92 |

Abbreviations: CAD: coronary artery disease; BMI: body mass index; NC: neck circumference; WC: waist circumference; HC: hip circumference; SBP: systolic blood pressure; DBP: diastolic blood pressure; MAP: mean arterial pressure; VFA: visceral fat area; SFA: subcutaneous fat area；HOMA-IR: homeostasis model assessment of insulin resistance; HOMA-ISI: homeostasis model assessment of insulin sensitivity index; ALT: alanine aminotransferase; AST: aspartate aminotransferase; ALP: alkaline phosphatase; γ-GGT: gamma-glutamyl transferase; TCHOL: total cholesterol; TG: triglyceride; HDL-c: high-density lipoprotein cholesterol; LDL-c: low-density lipoprotein cholesterol.