

Table S1 Baseline characteristics of enrolled participants

	Total (n=2107)	China-PAR		p-Value
		Medium-high Risk Group (n=230)	Low Risk Group (n=1877)	
Characteristics [median (25th, 75th)]				
Age (year)	45.00 [36.00, 52.00]	59.00 [56.00, 66.00]	43.00 [35.00, 50.00]	<0.001
BMI*(kg/m ²)	24.20 [21.85, 26.50]	25.20 [23.63, 27.90]	24.00 [21.70, 26.20]	<0.001
Waist circumference(cm)	83.00 [74.00, 91.00]	89.00 [83.00, 96.00]	82.00 [73.00, 90.00]	<0.001
Systolic Pressure(mmHg)	119.00 [109.00, 130.00]	138.00 [130.00, 147.75]	118.00 [108.00, 127.00]	<0.001
Diastolic Pressure(mmHg)	73.00 [65.00, 81.00]	83.00 [77.00, 89.00]	71.00 [65.00, 80.00]	<0.001
albumin(g/L)	45.50 [43.80, 47.60]	44.60 [42.90, 46.10]	45.70 [43.90, 47.70]	<0.001
GA*(%)	12.90 [11.60, 14.20]	13.60 [12.20, 15.40]	12.80 [11.50, 14.10]	<0.001
platelet(10 ⁹ /L)	227.00 [192.00, 261.00]	208.00 [176.25, 245.75]	229.00 [194.00, 262.00]	<0.001
ALT*(U/L)	20.00 [14.00, 31.50]	20.00 [15.00, 28.00]	21.00 [14.00, 32.00]	0.391
AST*(U/L)	22.00 [18.00, 27.00]	23.00 [20.00, 26.00]	22.00 [18.00, 27.00]	0.043
Fasting blood glucose(mmol/L)	5.23 [4.90, 5.67]	5.74 [5.20, 6.51]	5.20 [4.87, 5.59]	<0.001
Total cholesterol(mmol/L)	4.97 [4.42, 5.68]	5.18 [4.59, 5.92]	4.95 [4.41, 5.64]	0.006
triglyceride(mmol/L)	1.42 [0.92, 2.26]	1.72 [1.05, 2.66]	1.38 [0.90, 2.22]	<0.001
HDL-C*(mmol/L)	1.25 [1.07, 1.47]	1.21 [1.04, 1.40]	1.25 [1.07, 1.48]	0.006
LDL-C*(mmol/L)	2.90 [2.39, 3.45]	2.94 [2.41, 3.55]	2.90 [2.39, 3.44]	0.408
Characteristics [n (%)]				
Sex				0.001
Female	1131 (53.7)	148 (64.3)	983 (52.4)	
Male	976 (46.3)	82 (35.7)	894 (47.6)	
Cervical vascular plaques				<0.001
No	1632 (77.5)	101 (43.9)	1531 (81.6)	
Yes	475 (22.5)	129 (56.1)	346 (18.4)	
Smoking status				<0.001
No	1538 (73.0)	131 (57.0)	1407 (75.0)	
Yes	569 (27.0)	99 (43.0)	470 (25.0)	
Drinking status				0.449
No	1344 (63.8)	141 (61.3)	1203 (64.1)	
Yes	763 (36.2)	89 (38.7)	674 (35.9)	
Sport status				0.012
No	854 (40.5)	75 (32.6)	779 (41.5)	
Yes	1253 (59.5)	155 (67.4)	1098 (58.5)	
MAFLD*				<0.001
No	1116 (53.0)	62 (27.0)	1054 (56.2)	
Yes	991 (47.0)	168 (73.0)	823 (43.8)	

Notes: Values are median (25th, 75th), or n (%). P values were computed utilizing Student's t-test or the Mann-Whitney U test for continuous variables, and the chi-squared test was adopted for categorical variables. *BMI: body mass index; GA: glycated albumin; ALT: alanine aminotransferase; AST: aspartate aminotransferase; HDL-C: high-density lipoprotein cholesterol; LDL-C: low-density lipoprotein cholesterol; MAFLD: metabolic associated fatty liver disease.