

Additional file materials

Table S1 Basic characteristics of patients in the validation set

Indicators	CHD (<i>n</i> =185)	Non-CHD (<i>n</i> =66)	Statistics	<i>P</i> values
Demographics				
Male, N (%)	84 (45.41)	28 (42.42)	0.175 ^a	0.676
Age, years	66 (56.5, 75)	64 (56, 69)	2.441 ^b	0.015
BMI, kg/m ²	25.77±2.34	26.48±2.89	2.846 ^b	0.093
Past medical history				
Smoking, N (%)	57 (30.81)	19 (28.79)	0.094 ^a	0.759
Diabetes, N (%)	80 (43.24)	27 (40.91)	0.108 ^a	0.742
Hypertension, N (%)	91 (49.19)	35 (53.03)	0.287 ^a	0.592
Heart failure NYHA I-II, N (%)	12 (6.49)	3 (4.55)	0.326 ^a	0.568
Atrial fibrillation, N (%)	7 (3.78)	1 (1.52)	0.811 ^a	0.368
Prior medication use				
Anti-platelet, N (%)	149 (80.54)	50 (75.76)	0.678 ^a	0.410
Statins, N (%)	140 (75.68)	47 (71.21)	0.510 ^a	0.475
ACEI/ARB, N (%)	87 (47.03)	32 (48.48)	0.041 ^a	0.839
Beta-blockers, N (%)	152 (82.16)	54 (81.82)	0.004 ^a	0.950
CCB, N (%)	85 (45.95)	36 (54.55)	1.441 ^a	0.230
Nitrates, N (%)	75 (40.54)	23 (34.85)	0.662 ^a	0.416
Laboratory values				
ALT, IU/L	17 (13, 24)	21 (17, 30.5)	-0.816 ^b	0.414
AST, IU/L	18 (15, 22)	17 (14.5, 21.5)	0.981 ^b	0.327
Scr, μmol/L	62.4 (55.55, 73.35)	65.9 (54.25, 76.35)	1.052 ^b	0.293
Hs-CRP, mg/L	1.47 (0.76, 2.72)	1.54 (0.62, 2.573)	0.866 ^b	0.387
TC, mmol/L	3.97±1.09	4.12±0.95	1.407 ^b	0.237
TG, mmol/L	1.26 (0.98, 1.8)	1.36 (1.06, 1.95)	-2.103 ^b	0.035
LDL-C, mmol/L	2.43±0.8	2.56±0.69	2.110 ^b	0.148
HDL-C, mmol/L	1.17 (0.96, 1.38)	1.03 (0.91, 1.29)	-0.409 ^b	0.683
HCY, μmol/L	12.7 (9.81, 15.84)	13.58 (10.94, 14.99)	0.507 ^b	0.612
HbA1c, %	6.2 (5.7, 7.55)	5.7 (5.6, 6.25)	2.418 ^b	0.016
NT-proBNP, pg/mL	80 (54, 90)	70 (36.5, 94.5)	1.659 ^b	0.097
Arterial stiffness indices				
baPWV, m/s	19.85 (16.54, 23)	17.5 (15.89, 20.07)	2.345 ^b	0.019
ABI	1.12 (1.04, 1.22)	1.15 (1.09, 1.29)	-2.621 ^b	0.009
Vascular endothelial function test				
FMD, %	7.2 (6.7, 8.4)	9.1 (8.35, 10)	-5.092 ^b	<0.001
Echocardiographic values				
LAD, mm	37.7±5.18	37.12±4.02	2.748 ^b	0.099
LVEF, %	69 (65, 72)	69 (66.5, 71.5)	-1.926 ^b	0.054
LVMI, g/m ²	90.9±23.61	88.78±21.44	1.691 ^b	0.195

Data were expressed as means±standard deviations or as medians with interquartile ranges or as frequencies and percentages

CHD, coronary atherosclerotic heart disease; BMI, body mass index; ACEI, angiotensin converting enzyme inhibitor; ARB, angiotensin receptor blocker; CCB, calcium channel blockers; ALT, alanine aminotransferase; AST, aspartate aminotransferase; Scr, serum creatinine; Hs-CRP, hypersensitive C-reactive protein; TC, total cholesterol; TG, triglyceride; LDL-C, low-density lipoprotein cholesterol; HDL-C, high-density lipoprotein cholesterol; HCY, homocysteine; HbA1c, hemoglobin A1c; NT-proBNP, N-terminal pro-B-type natriuretic peptide; baPWV, brachial-ankle pulse wave velocity; ABI, ankle-brachial index; FMD, brachial artery flow-mediated vasodilatation; LAD, left atrium diameter; LVEF, left ventricular ejection fraction; LVMI, left ventricular mass index; ^aχ² value; ^bZ value