

Table S1. Basic clinical characteristics in CAD patients.

Clinical Variables	Total (n=264)	STEMI (n=115)	NSTEMI (n=57)	UA (n=70)	Stable CAD (n=22)	P value
<i>Demography</i>						
Age, years	63±11	63±12	63±12	63±10	64±9	0.997
Male, n, %	201 (76.13%)	90 (78.26%)	45 (78.95)	49 (70%)	17 (77.27%)	0.572
Heart rate, bpm	76±13	79±13	79±14	74±11	70±10	0.003
Systolic blood pressure, mmHg	131±17	127±17	128±18	137±16	136±17	<0.001
Diastolic blood pressure, mmHg	74±14	73±16	76±11	75±14	79±11	0.198
Hypertension, n, %	169 (64.02%)	67 (58.26%)	35 (61.40%)	49 (70%)	18 (81.82%)	0.115
Diabetes mellitus, n, %	89 (33.71%)	36 (31.30%)	26 (45.61%)	23 (32.86%)	4 (18.18%)	0.098
Cardiac arrhythmia, n, %	36 (13.64%)	19 (16.52%)	10 (17.54%)	5 (7.14%)	2 (9.09%)	0.217
Previous MI, n, %	23 (8.71)	3 (2.61%)	5 (8.77%)	12 (17.14%)	3 (13.64%)	0.006
Family history of CAD, n, %	65 (24.62%)	34 (29.57%)	18 (31.58%)	11 (15.71%)	2 (9.09)	0.031
Current smoker, n, %	103 (39.02%)	47 (40.87%)	28 (49.12%)	18 (25.71%)	10 (45.45%)	0.209
Current drinker, n, %	71 (26.89%)	25 (21.74%)	20 (35.09%)	19 (27.14%)	7 (31.82%)	0.553
Length of hospital stay, days	6 (4, 9)	8 (7, 12)	8±4	4 (3, 5)	4±2	<0.001
<i>coronary stenosis</i>						
Gensini Score	65±46	86±43	73±46	36±32	35±37	<0.001
SYNTAX Score	20±11	25±10	22±10	15±9	15±11	<0.001
<i>Laboratory findings</i>						
Leukocytes, ×10 ⁹ /L	7.52 (6.04, 9.11)	8.28 (7.15, 10.64)	8.17±2.69	6.45±1.64	6.23±1.05	<0.001
Neutrophil, %	66.75 (59.03, 73.68)	69.7 (62.8, 77.6)	68.35±9.15	61.06±10.43	59.77±10.04	<0.001
Lymphocyte, %	23.55 (18.2, 30.1)	21.1 (14.6, 26.7)	22.36±7.86	29.09±9.27	30.12±9.01	<0.001
Erythrocyte, ×10 ⁹ /L	4.4±0.56	4.35±0.62	4.25±0.59	4.40±0.46	4.50±0.48	0.250
Hemoglobin, g/L	133±16	132±18	129±16	134±14	135±11	0.298
Platelets, ×10 ⁹ /L	210±59	207±62	202±51	222±60	216±51	0.201
D-dimer, mg/L	0.31 (0.18, 0.67)	0.43 (0.27, 0.86)	0.21 (0.15, 0.55)	0.22 (0.16, 0.35)	0.28 (0.19, 0.75)	<0.001
Fibrinogen, mg/dL	297 (247, 366)	302 (250, 378)	345±111	294±79	285±66	0.027
Serum albumin, g/L	42 (39, 44)	42±3.8	41±4	41±2	42±3	0.033
AST, U/L	25 (18, 67)	67 (31, 129)	22 (19, 40)	19±5	21 (17,25)	<0.001
ALT, U/L	23 (16, 36)	34 (22, 53)	24±15	18±8	22 (17, 28)	<0.001
Total Cholesterol, mmol/L	4.42±1.17	4.81±1.05	4.74±1.34	3.72±0.85	3.84±0.95	<0.001
HDL, mmol/L	0.97 (0.83, 1.16)	1.07±0.3	0.96±0.23	0.97±0.24	1.02±0.24	0.035
LDL, mmol/L	2.96±1.14	3.40±1.06	3.21±1.19	2.26±0.84	2.29±0.94	<0.001
Triglycerides, mmol/L	1.72±1.18	1.4 (1.0, 2.01)	1.67 (1.01, 2.82)	1.45±0.70	1.70±0.85	0.144
Troponin-I, ng/mL	2.08 (0,	27.11 (4.65,	3.33 (0.69,	0 (0, 0.01)	0 (0,0.1)	<0.001

	25.03)	56.03)	10.37)			
CK-MB, ng/mL	1.9 (0.8, 7.8)	6.3 (2.3, 30.6)	1.9 (0.7, 5.1)	0.8 (0.3, 1.4)	0.7 (0.3, 1.1)	<0.001
Serum creatinine, μ mol/L	73.64 \pm 16.46	76.17 \pm 16.22	73.49 \pm 17.1	70.09 \pm 15.8	72.14 \pm 16.77	0.103
BUN, mmol/L	5.88 \pm 1.62	6.08 \pm 1.66	5.54 \pm 1.83	5.72 \pm 1.42	6.11 \pm 1.27	0.148
Fast glucose, mmol/L	6.36 (4.73, 8.68)	9.16 \pm 3.95	7.08 \pm 2.67	4.61 (4.20, 5.35)	5.13 \pm 1.29	<0.001
C-reactive protein, mg/L	1.26 (0, 5.51)	2.03 (0, 13.55)	1.22 (0, 8.48)	1.05 (0.34, 2.30)	0.84 (0.2, 1.55)	0.349
BNP, pg/mL	161 (54, 276.5)	201 (101, 299)	168 (65, 324)	47 (15, 72)	53 (20, 118.5)	<0.001
ESR, mm/h	5.0 (2.0, 13.0)	5 (0, 14)	6 (0, 14)	5 (2, 10)	3.5 (2.0, 13.0)	0.848
Transglutaminase 2, pg/ml	91.9 (52.5, 186.1)	176.3 \pm 126.3	181 \pm 136.5	64 \pm 39	50.95 (29.6, 67.48)	<0.001
<i>Echocardiography</i>						
Left atrial diameter, mm	36 (34, 39)	37 \pm 4	37 \pm 4	37 \pm 4	37 \pm 5	0.866
Right atrial diameter, mm	34 \pm 4	34 \pm 3	33 \pm 4	33 \pm 3	34 \pm 4	0.236
LVEDD, mm	47 \pm 4	47 \pm 4	47 \pm 6	47 \pm 4	48 \pm 4	0.793
LVESD, mm	30 (27, 33)	31 \pm 4	30 (28, 34)	28.5 (25, 31)	29 \pm 8	<0.001
LVEF, %	62 (56, 67)	57 \pm 8	60 \pm 10	67 (63, 71)	68 \pm 5	<0.001
IVS, mm	10 (9.8, 12)	11 (10, 12)	10.2 (10, 12)	10 (9,10.38)	10 \pm 1.4	<0.001
LVPW, mm	10 (9, 11)	10 (10, 11)	10 (9.3, 11)	9.3 (8.5, 10)	9.7 \pm 1.1	<0.001
<i>Treatment, n, %</i>						
Intra aortic balloon pump	31 (11.74%)	24 (20.87%)	7 (12.28%)	0	0	<0.001
Ventilator	6 (2.27%)	6 (5.22%)	0	0	0	0.047

ALT, alanine aminotransferase; AST, aspartate aminotransferase; BNP, brain natriuretic peptide; BUN, blood urea nitrogen; CAD, coronary artery disease; CK-MB, creatine kinase MB; ESR, erythrocyte sedimentation rate; HDL, high-density lipoprotein; IVS, interventricular septum; LDL, low-density lipoprotein; LVEDD, left ventricular end diastolic diameter; LVEF, left ventricular ejection fraction; LVESD, left ventricular end systolic diameter; LVPW, left ventricular posterior wall; NSTEMI, non-ST-segment elevation myocardial infarction; STEMI, ST-segment elevation myocardial infarction; UA, unstable angina.