

Table 1. Basic characteristics of patients

Characteristic	Control group n=58	CAD group n=68	DM+CAD group n=66
Sex (% female)	40%	30%	36%
Age (years)	61.16±9.10	64.02±9.84	66.41±9.20
BMI (kg/m ²)	23.53 (22.45,24.80)	23.83 (21.88,26.45)	24.34 (22.46,25.81)
Systolic blood pressure (mmHg)	133.12±16.37	134.57±17.89	134.29±17.54
Diastolic blood pressure (mmHg)	79.41±10.55	77.75±12.12	75.77±13.75
HbA1c (%)	5.60 (5.55,5.70)	5.70 (5.30,6.00) ^a	7.00 (6.25,8.20) ^{ab}
Fasting plasma glucose (mmol/L)	5.08 (4.79,5.51)	4.75 (4.52,5.13)	6.99 (5.71,8.55) ^{ab}
Triglyceride (mmol/L)	0.87 (0.76,0.91)	1.22 (0.93,1.53)	1.36 (0.94,1.84)
Cholesterol (mmol/L)	3.73 (3.19,3.80)	3.86 (3.12,4.81) ^a	3.60 (3.22,3.95) ^a
HDL (mmol/L)	1.25±0.31	1.12±0.26 ^a	1.02±0.24 ^a
LDL (mmol/L)	2.67±0.81	2.16±0.76 ^a	2.30±0.91 ^a
Fatty acids (mmol/L)	414.90±159.54	397.25±296.12	422.27±197.16

All values are given as the percentage, mean ± SD or median (interquartile range)

a P < 0.05 compared with the control group; b P < 0.05 compared with the CAD group.

Table 2. Comparison of neuropeptides and inflammatory factor levels among the three groups

Characteristic	Control group	CAD group	DM+CAD group
CGRP (pg/mL)	100.65±10.17	73.76±14.25 ^a	59.52±14.36 ^{ab}
SS (pg/mL)	45.69±6.34	34.70±7.87 ^a	25.93±5.04 ^{ab}
CRP (mg/L)	0.5 (0.35,1.25)	1.30 (1.30,1.50) ^a	1.60 (1.30,6.30) ^{ab}
TNF- α (pg/mL)	43.08±11.29	60.54±9.03 ^a	73.91±8.38 ^{ab}
IL-1 β (pg/mL)	54.03 (52.00,55.38)	66.00 (62.11,75.66) ^a	83.42 (77.25,91.39) ^{ab}
MCP-1 (pg/mL)	208.30 (194.70,223.75)	317.90 (238.10,369.50) ^a	364.00 (321.65,398.90) ^{ab}
sICAM-1 (ng/mL)	185.95±38.25	265.69±47.35 ^a	310.45±55.45 ^{ab}

All values are given as the percentage, mean \pm SD or median (interquartile range)

a P < 0.05 compared with the control group; b P < 0.05 compared with the CAD group.

Table 3. Spearman correlation coefficients between neuropeptides and inflammatory factors

	IL-1 β	CRP	MCP-1	sICAM-1	TNF-a
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CGRP	-0.662*	-0.204	-0.658*	-0.590*	-0.656*
SS	-0.644*	-0.358*	-0.556*	-0.616*	-0.619*

* P < 0.05

Table 4. Logistic regression analysis of CAD

Factors	β	95% CI	Wald	OR	P
CGRP	-0.250	0.629~0.965	5.229	0.779	0.022
SS	-0.295	0.558~0.993	0.744	0.744	0.044
IL-1 β	0.346	1.035~1.929	1.413	1.413	0.029
MCP-1	0.084	1.007~1.176	4.509	1.088	0.034
sICAM-1	0.043	0.997~1.093	3.295	1.043	0.069