

Table 1 Univariate predictors of coronary artery disease (CAD)

Predictor	With CAD (n = 57)*		No CAD (n = 55)*		PPV	NPV
	No.	%	No.	%	%	%
Age ≥ 40 years	57	100	24	44	100	75
Male sex	53	93	28***	51	65	87
Hypertension	33	58	14***	25	70	63
Diabetes	18	32	8*	15	67	52
Smoking	40	70	20***	36	67	67
Typical ischaemic chest pain	53	93	32***	58	62	58
Chest pain with exertion	56	98	24***	44	70	94
Abnormal BP response with exercise:	20	35	4***	7	83	53
Peak systolic BP < 130 mmHg	4	7	0	0		
Decrease systolic BP ≥ 10 mmHg	8	14	1*	2	89	52
Systolic BP 3 min post-exercise > 90% peak	16	28	1***	2	94	57
HR at peak exercise < 100 b/m	0	0	0	0		
HR failed to drop ≥ 12 b/m at 1 min post-exercise	16	28	6*	11	73	54
ST-segment shift with exercise:	49	86	24***	44	86	80
≥ 1 mm horizontal or downsloping depression	40	70	5***	9	89	75
≥ 1.5 mm upsloping depression	9	16	15	27		
≥ 1 mm elevation	0		0			
Peak exercise ST/HR index ≥ 1.6 μV/b/m	25	44	16	29		
Peak exercise ST/HR slope ≥ 2.4 μV/b/m	30	53	15**	27	67	59
Increased T amplitude ≥ 2.5 mm in V ₂	33	58	8	15	81	66
T-wave inversion with exercise	1	2	0			
Lengthened or no change in P-wave duration in V ₂	49	86	35***	64	58	71
Decrease or no change in Q-wave depth in V ₃	50	88	39*	71	56	70
R amplitude in V ₅ increase ≥ 2 mm or decrease ≥ 1 mm	45	79	20***	36	69	73
Peak exercise QTD > 60 ms	37	65	4***	7	90	71
Delta QTD rest to peak exercise ≥ 16 mm	26	46	10**	18	72	58
Peak exercise QTDC > 70 ms	45	80	4***	7	92	80
Peak exercise Q-X/QT ratio in V ₃ > 0.5	28	49	16*	29	64	56
Axis shift with exercise	2	4	1	2		
Transient bundle branch block with exercise	0	0	1	2		
Exercise-induced ventricular ectopics	12	21	4	7		

*P < 0.05; **P < 0.01; ***P < 0.001.

*% within the group with CAD is equivalent to sensitivity while % within the group with no CAD is equivalent to 1 - specificity.

HR = heart rate; b/m, beats per minute; BP = blood pressure; QT = QT interval; QTD = QT dispersion; QTDC = corrected QT dispersion; PPV, positive predictive value; NPV = negative predictive value.