

Table 2 Clinical and biochemical characteristics of the Tehran population ≥ 30 years with and without coronary heart disease (CHD)

Variable	Without CHD (n = 4740)	With CHD^a (n = 1244)	P-value
Sex (female, %)	56.4	59.0	0.05
Smoking (current and ex-smoker, %)	12.2	87.8	0.009
Hypertension ($\geq 140/90$ mmHg, %)	19.8	37.9	< 0.001
	Mean (SD)	Mean (SD)	
Age (years)	46 (12)	54 (12)	< 0.001
Body mass index (kg/m ²)	27.3 (4.5)	28.2 (4.6)	< 0.001
Waist circumference (cm)	90 (11)	94 (11)	< 0.001
Hip circumference (cm)	101 (9)	102 (10)	< 0.001
Waist-to-hip ratio	0.88 (0.08)	0.91 (0.08)	< 0.001
Waist-to-height ratio	0.55 (0.07)	0.58 (0.07)	< 0.001
Systolic blood pressure (mm Hg)	120.2 (18.5)	130.4 (23.5)	< 0.001
Diastolic blood pressure (mm Hg)	78.6 (10.5)	81.4 (12.1)	< 0.001
Fasting blood glucose (mg/dL)	99.5 (34.2)	109.9 (43.1)	< 0.001
2-hour plasma glucose (mg/dL)	119.6 (54.6)	139.0 (70.1)	< 0.001
Serum total cholesterol (mg/dL)	214.9 (44.0)	228.4 (50.4)	< 0.001
Serum triglycerides (mg/dL)	180.6 (116.1)	200.1 (123.8)	< 0.001
LDL cholesterol (mg/dL)	137.9 (37.6)	148.3 (42.7)	< 0.001
HDL cholesterol (mg/dL)	41.9 (10.7)	41.7 (11.1)	0.4
Non-HDL cholesterol (mg/dL)	172.9 (43.9)	186.7 (49.6)	< 0.001
LDL/HDL cholesterol	3.4 (1.2)	3.7 (1.3)	< 0.001

^aCHD was defined as Rose angina, self-reported history of CHD, or ECG-defined CHD.

n = number of participants; SD = standard deviation; LDL = low-density lipoprotein; HDL = high-density lipoprotein.