

Table S1. Country distribution of the expatriates.

Nationality	Frequency	Percentage	Nationality	Frequency	Percentage
Algeria	1	0.3	American Samoa	1	0.3
Bangladesh	19	5.3	Egypt	78	21.9
Eritrea	5	1.4	Ethiopia	2	0.6
India	78	21.9	Italy	1	0.3
Jordan	16	4.5	Lebanon	11	3.1
Morocco	2	0.6	Muritania	1	0.3
Nepal	1	0.3	Nigeria	6	1.7
Pakistan	56	15.7	Palestinian	3	0.8
Philippines	24	6.7	Somalia	1	0.3
Sri Lanka	1	0.3	Sudan	28	7.9
Syria	11	3.1	United States of America	1	0.3
Yemen	9	2.5	Total	356	100%

Table S2. Subgroup analysis for the study cohort distributed by gender and age.

	Male			Female		
	SA nationals	Expatriates	<i>p-value</i>	SA nationals	Expatriates	<i>p-value</i>
Age ≤ 45 y						
Dyslipidemia	34 (54.8)	102 (76.1)	0.004	9 (20.9)	16 (34.8)	0.164
Hypertension	16 (24.2)	45 (33.1)	0.253	7 (13.5)	10 (20.4)	0.429
Diabetes mellitus	8 (12.9)	20 (14.9)	0.828	5 (11.6)	6 (13)	1.000
Obese (BMI ≥ 30 mg/k ²)	27 (40.9)	49 (36)	0.538	24 (46.2)	19 (38.8)	0.547
Smoker	23 (34.8)	37 (27.2)	0.325	1 (1.9)	2 (4.1)	0.611
Abdominal obesity	36 (54.5)	56 (41.2)	0.097	38 (73.1)	40 (81.6)	0.341
Age > 45 y						
Dyslipidemia	39 (79.6)	126 (90.6)	0.073	14 (70)	18 (69.2)	1.000
Hypertension	28 (56)	97 (69.8)	0.084	9 (40.9)	16 (61.5)	0.246
Diabetes mellitus	24 (49)	62 (44.9)	0.739	4 (20)	7 (26.9)	0.732
Obese (BMI ≥ 30 mg/k ²)	31 (62)	56 (40.3)	0.013	16 (72.7)	20 (76.9)	0.751
Smoker	14 (28)	27 (19.4)	0.232	2 (9.1)	1 (3.8)	0.587
Abdominal obesity	35 (70)	65 (46.8)	0.005	18 (81.8)	25 (96.2)	0.165

All the data are presented as frequencies and percentages.

BMI = body mass index; SA = ethnic Saudi Arabia population

Table S3. Subgroup analysis for the study cohort based on main laboratory results.

	Male		<i>p-value</i>	Female		<i>p-value</i>
	SA nationals	Expatriates		SA nationals	Expatriates	
LDL-cholesterol (mg/dL)	107.8 (30.81)	112.3 (34.07)	0.232	105.7 (22.34)	101.6 (24.08)	0.312
HDL-cholesterol (mg/dL)	47.2 (8.80)	43.5 (9.49)	< 0.001	50.3 (7.66)	47.4 (9.26)	0.049
Fasting plasma glucose (mmol/L)	6.2 (1.96)	6.2 (1.87)	0.882	5.6 (1.26)	5.9 (1.79)	0.286
BMI (kg/m ²)	30.5 (5.50)	29.0 (4.46)	0.003	30.4 (6.03)	30.6 (5.32)	0.819

All the data presented as a mean and standard deviation.

BMI = body mass index; HDL = high-density lipoprotein; LDL = low-density lipoprotein; SA = ethnic Saudi Arabia population.