

Table 3. Lipid and glucose homeostasis parameters in the two sub-groups of cases and controls classified on the basis of age (age <24 years and age ≥24 years)

Parameter	Age <24 years			Age ≥24 years		
	Cases n:62	Controls n:62	P value	Cases n:52	Controls n:52	P value
Age (years)	18.5±4.3	18.7±4.5	0.76	30..5±6.0	30.6±6.4	0.95
BMI (kg/m ²)	19.7±3.1	19.2±2.9	0.38	22.2±2.2	21.5±2.8	0.16
Triglyceride (mmol/l)	1.25±0.5	1.08±0.4	0.07	1.41±0.6	1.46±0.8	0.97
Total cholesterol mmol/l	3.77±0.7	3.75±0.8	0.84	4.43±0.8	4.22±0.84	0.21
HDL (mmol/l)	1.10±0.23	1.22±0.3	0.017*	1.07±0.23	1.20±0.21	0.005*
LDL (mmol/l)	2.09±0.6	2.03±0.7	0.57	2.69±0.6	2.35±0.8	0.02*
TG to HDL ratio	2.78±1.5	2.2±1.1	0.02*	3.3±1.9	3.0±2.2	0.27
AUC glucose (mmol/l min ⁻¹)	685.4±92	685.7±80	0.97	717±109	701±98	0.45
AUC insulin (nmol/l min ⁻¹)	39.7±22	34.6±15	0.14	43.8±24	38.4±24	0.07
AUC proinsulin (nmol/l min ⁻¹)	4.12±1.7	3.69 ±1.4	0.17	3.96 ±1.4	3.74±1.8	0.22
AUC proinsulin/AUC C-peptide	0.019±0.008	0.016±0.005	0.02*	0.015±0.004	0.015±0.004	0.63
WBISI	7.2±3.5	7.9±3.9	0.18	6.9±3.7	9.0±8.9	0.19
Disposition index	2.24±0.6	2.53±1.1	0.09	2.42±0.9	2.70±1.5	0.36

BMI: body mass index; HDL: high density lipoprotein; LDL: low density lipoprotein; TG: triglycerides; AUC: area under the curve; WBISI: whole body insulin sensitivity index.

*Significant at 0.05 level.