

Table 4. Correlation of lipid levels with area under the curves of insulin, glucose and proinsulin

	Triglycerides		Total cholesterol		HDL-cholesterol		LDL-cholesterol	
	Cases r (P value)	Controls r (P value)	Cases r (P value)	Controls r (P value)	Cases r (P value)	Controls r (P value)	Cases r (P value)	Controls r (P value)
Area under the curve								
Insulin (nmol/l min ⁻¹)	0.095 (0.313)	0.354 (<0.001*)	0.254 (0.01*)	0.176 (0.06)	-0.006 (0.95)	-0.098 (0.30)	0.233 (0.013*)	0.099 (0.297)
Glucose (mmol/l min ⁻¹)	0.186 (0.05*)	0.222 (0.02*)	0.034 (0.72)	0.173 (0.06)	-0.127 (0.18)	-0.013 (0.89)	-0.005 (0.96)	0.113 (0.23)
Proinsulin (nmol/l min ⁻¹)	0.201 (0.056)	0.323 (0.003*)	0.211 (0.044*)	0.020 (0.85)	-0.099 (0.348)	0.024 (0.85)	0.150 (0.07)	-0.100 (0.36)

HDL: high density lipoprotein; LDL: low density lipoprotein.

*Significant at 0.05 level.