

Table 3. Comparison of clinical, baseline biochemical data and parameters derived from the HOMA model and the FSIVGTT in South Asian women with a history of GDM and control subjects.

	Post- GDM (n=16)	Control women (n=16)	p-value	p-value with BMI as covariate	p-value with BMI, age, parity and time since delivery as covariates
BMI (kg/m ²)	26.7 (22.0-32.4)	27.2 (22.5-32.8)	0.798		
Waist/Hip ratio	0.83 (0.74-0.93)	0.86 (0.75-0.98)	0.517	0.732	0.697
F. Cholesterol (mmol/l)	4.7 (4.0-5.4)	4.5 (3.8-5.4)	0.548	0.562	0.365
F. Triglycerides (mmol/l)	1.2 (0.8-1.9)	1.2 (0.7-2.2)	0.900	0.782	0.477
F. HDL-Cholesterol (mmol/l)	1.0 (0.8-1.3)	0.9 (0.8-1.2)	0.333	0.348	0.339
F. Glucose (mmol/l)	5.4 (4.8-6.0)	5.1 (4.8-5.5)	0.088	0.052	0.080
F. Insulin (pmol/l)	39 (14-106)	72 (24-210)	0.109	0.120	0.173
β-cell function-HOMA model (%B)	73 (37-147)	124 (59-262)	0.048	0.054	0.059
Insulin sensitivity-HOMA model (%S)	115 (43-309)	64 (22-185)	0.120	0.131	0.167
S _i (10 ⁴ /min/pmol/l)	0.7 (0.2-3.1)	0.5 (0.1-2.8)	0.490	0.527	0.720
S _g (10 ⁻² /min)	1.7 (1.4-2.2)	2.3 (1.1-4.9)	0.167	0.112	0.096
K _g (10 ⁻² /min)	1.7 (1.2-2.3)	2.2 (1.4-3.3)	0.056	0.050	0.068
AIR _g (pmol/lh)	463 (131-1639)	1039 (393-2748)	0.052	0.057	0.061
Disposition index	0.03 (0.01-0.17)	0.05 (0.01-0.30)	0.531		

F: Fasting, S_i: Insulin sensitivity, S_g: Glucose effectiveness, K_g: Glucose disappearance rate, AIR_g: Acute insulin response to glucose
Data are presented as geometric mean (SD range).