

Table S1. Changes in lipid profile parameters in RG and PG in the 1st and 2nd trimester

	1 st trimester		2 nd trimester		p ¹	p ²
	RG (N=70)	PG (N=20)	RG (N=70)	PG (N=20)		
WG	12.8 ± 0.80	12.7 ± 0.16	23.3 ± 0.83	23.4 ± 0.99		
Age, years	32.0 ± 5.56	33.1 ± 4.26				
MAP, mmHg	85.9 ± 11.59	92.4 ± 9.01 ^{dg}	82.5 ± 11.51	89.8 ± 9.64 ^{dg}	<0.05	0.164
BMI ^b , kg/m ²	23.6 (21.1-27.5)	27.5 (24.2-31.1)	25.4 (23.6-30.0)	28.4 ^{eg} (26.4-32.7)	<0.001	<0.001
Weight gain ^b , kg	2.15 (1.27-4.07)	3.00 (0.25-4.40)	5.40 (3.72-7.02)	4.70 (2.82-6.75)	<0.001	<0.05
Weight gain ^b , %	4.00 (2.00-6.00)	4.00 (2.25-5.90)	7.00 (5.00-9.75)	5.50 (4.00-8.75)	<0.001	<0.05
TC, mmol/L	5.33 ± 1.070	5.46 ± 0.762 ^{dg}	6.81 ± 1.365	6.61 ± 1.236	<0.001	<0.001
HDL-C, mmol/L	1.77 ± 0.336	1.90 ± 0.587	2.11 ± 0.386	1.88 ± 0.363 ^{dg}	<0.001	0.885
LDL-C, mmol/L	2.94 ± 0.849	2.81 ± 0.633	3.81 ± 1.148	3.61 ± 1.104	<0.001	<0.001
TG ^a , mmol/L	1.27 (1.18-1.38)	1.53 (1.27-1.85)	1.86 (1.73-2.00)	2.33 ^{dg} (2.00-2.71)	<0.001	<0.001

RG – risk group; PG – preeclampsia group; WG – week of gestation; BMI – body mass index; MAP – mean arterial pressure; TC – total cholesterol; HDL-C – high density lipoprotein cholesterol; LDL-C – low density lipoprotein cholesterol; TG – triglycerides

Data are shown as mean ± standard deviation; ^a geometric mean (95th CI); ^b median (interquartile range)

p¹ – Paired-Samples T-Test for risk group; p² –for preeclampsia group

p^{1c} – Wilcoxon Test for risk group; p^{2c} –for preeclampsia group

Difference significantly different from the risk group: ^d Analysis of covariance (ANCOVA); ^e Non-parametric ANCOVA (Quade method)

^f p<0.001; ^g p<0.05