

Supplementary material

Gutaj P, Sibiak R, Wirlstlein P, Wender-Ożegowska E. Determinants of adiponectin levels during pregnancy in women with type 1 diabetes mellitus. *Pol Arch Intern Med.* 2020; 130: 252-254. doi:10.20452/pamw.15227

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Table S1. Demographic and clinical characteristics of the patients (n = 88)

Clinical characteristics	Value
Maternal age; years; mean (SD)	29 (4)
Duration of diabetes; years; mean (SD)	12 (7)
Diabetes complications before pregnancy; n (%)	
Diabetic retinopathy	21 (24)
Diabetic nephropathy	5 (6)
Hypertension	2 (2)
Diabetes complications diagnosed during pregnancy; n (%)	
Large for gestational age newborns	30 (34)
Preterm births (34-36 th week of pregnancy)	10 (11)
Preeclampsia	6 (7)
Polyhydramnios	4 (5)
Small for gestational age newborns	3 (3)
Diabetic ketoacidosis	2 (2)
Acute hypoglycemia	1 (1)
Gestational age; weeks; median (IQR)	8 (7 - 10)
Smokers; n (%)	15 (17)
Body mass index at baseline; kg/m ² ; median (IQR)	23.1 (20.9 - 25.9)
Waist-to-hip ratio at baseline; mean (SD)	0.81 (0.07)

Systolic blood pressure at baseline; mmHg; mean (SD)	115 (11)
Diastolic blood pressure at baseline; mmHg; mean (SD)	71 (8)
Neonatal birth weight; g; mean (SD)	3561(590)
Placental weight; g; mean (SD)	647 (157)

Abbreviations: IQR, interquartile range; SD, standard deviation

Parameter	Week of gestation			P value
	6-11 weeks	20-24 weeks	34-39 weeks	
Adiponectin; µg/ml	14.7 (9.1 - 20.2)	10.2 (8.2 - 14.4)	13.9 (10.5 - 20.8)	P = 0.02 ^a
hs-CRP, mg/l	2.4 (1.2 - 5.6)	5.6 (2.5 - 12.1)	5.2 (2.5 - 9.6)	P = 0.001 ^a
HbA1c, %	6.8 (6 - 7.9),	5.6 (5.3 - 5.9)	5.7 (5.4 - 6.1)	P < 0.001 ^a
mmol/mol	51 (42 - 63)	38 (34 - 41)	39 (36 - 43)	
Serum total cholesterol, mmol/l	4.3 (0.6)	5.9 (0.8)	7 (1.6)	P < 0.001 ^b
Serum HDL cholesterol, mmol/l	2 (1.8 - 2.4)	2.2 (1.9 - 2.4)	2 (1.7 - 2.4)	P < 0.001 ^a
Serum LDL cholesterol, mmol/l	2 (1.8 - 2.4)	3.1 (2.6 - 3.5)	3.5 (3 - 4.4)	P < 0.001 ^a
Serum triglycerides, mmol/l	0.65 (0.5 - 0.89)	1.5 (1.2 - 1.9)	2.6 (2 - 3.3)	P < 0.001 ^a
Daily urinary protein secretion, g/24 h	0.13 (0.09 - 0.18)	0.20 (0.14 - 0.25)	0.22 (0.15 - 0.32)	P = 0.003 ^a
Creatinine clearance, ml/min	128 (100 - 145)	128 (113 - 147)	122 (92 - 140)	P = 0.62 ^a
Total daily insulin requirement, units/kg	0.6 (0.23)	0.56 (0.24)	0.72 (0.27)	P < 0.001 ^b
eGDR, mg/kg/min	10.4 (1.4)			

Table S2. Laboratory parameters of the study group

Data are presented as mean (standard deviation) or median (interquartile range).

a - Friedman's test, b - ANOVA for repeated measures

Abbreviations: eGDR, estimated glucose disposal rate; HbA1c, hemoglobin A1c; HDL, high-density lipoprotein; hs-CRP, high-sensitivity C-reactive protein; LDL, low-density lipoprotein