

Figure S1. Flowchart illustrating enrolment for MIH study

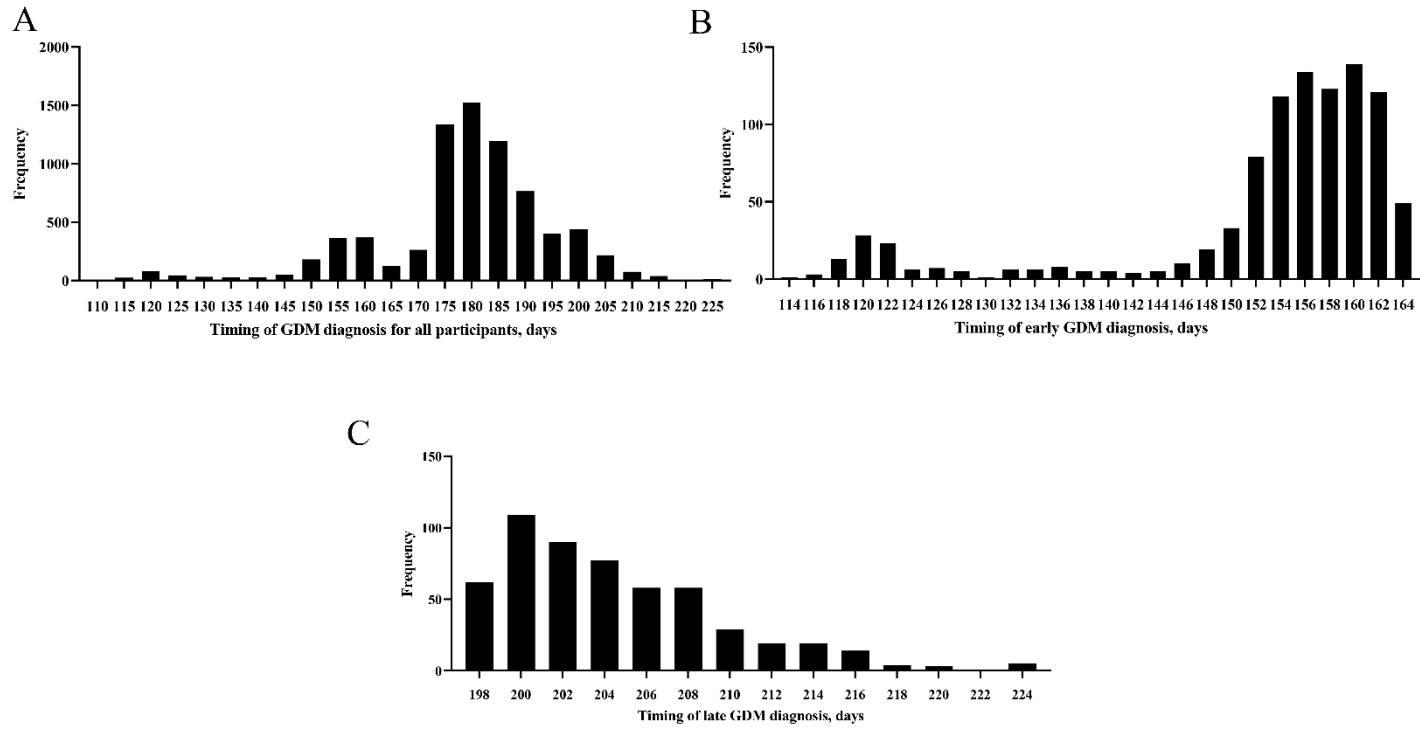


Figure S2. The distribution of the timing of GDM diagnosis

Table S1. Characteristics of the participants versus non-participant in the study.

Characteristics	Participant N=3285	Non-participant N=4324	<i>P</i> value
Mother			
Age, y	29.17(3.50)	29.05(4.85)	0.152
Prepregnancy BMI, kg/m ²	21.52(2.75)	21.61(3.08)	0.188
Education ≤ 12 y	2470(75.2)	3252(75.2)	0.986
Household income < 4000 yuan	680(20.7)	774(17.9)	0.002
Multiparous	1269(38.6)	1704(39.4)	0.517
Early GWG rate, kg/wk	0.30(0.16)	0.29(0.17)	0.169
Late GWG rate, kg/wk	0.52(0.31)	0.52(0.34)	0.698
Total GWG rate, kg/wk	0.38(0.13)	0.38(0.13)	0.231
Family history of diabetes	322(9.8)	402(9.3)	0.500
Physical exercise ≥ 3days/wk	1376(41.9)	1877(43.4)	0.198
Folic acid supplement <1 times/d	2516(76.6)	3325(76.9)	0.754
Calcium supplement <1 times/d	854(26.0)	1090(25.2)	0.408
Iron supplement <1 times/d	198(6.0)	29(6.8)	0.151
Infant[#]			
Birth weight, kg	3.40(0.44)	3.40(0.47)	0.076
Delivery gestational age, week	39.37(1.20)	39.36(1.43)	0.688
Male sex	1546(52.8)	1896(52.2)	0.657
Vaginal delivery	1935(66.1)	2418(66.6)	0.668

[#] Sample size of participants was 2929, sample size of non-participants was 3630.

Table S2. The association of maternal hsCRP and offspring development.

Parameters	lg-hsCRP	
	β/OR (95% CI)	<i>P</i> value
Fetus^a		
BPD		
Z-score	-0.03(-0.13,0.07)	0.512
Overgrowth	0.87(0.58,1.31)	0.509
AC		
Z-score	-0.02(-0.16,0.12)	0.781
Overgrowth	1.02(0.85,1.24)	0.808
FL		
Z-score	-0.05(-0.16,0.06)	0.348
Overgrowth	0.97(0.80,1.17)	0.735
Newborn^b		
Length		
Z-score	0.07(-0.03,0.17)	0.158
Overgrowth	0.81(0.62,1.05)	0.103
Weight		
Z-score	0.18(0.08, 0.27)	<0.001
LGA	1.12(0.87, 1.44)	0.395
HC		
Z-score	0.23(0.10,0.36)	<0.001
Overgrowth	1.57(1.19,2.07)	0.016
Infant^c		
Age at BMI peak	0.05(-0.14,0.23)	0.623
Magnitude at BMI peak	0.17(0.01,0.33)	0.038
Prepeak BMI velocity	-0.01(-0.05,0.03)	0.785

Adjusted for maternal age, education, household income, prepregnancy BMI, total GWG rate, family history of diabetes, parity, the supplement of nutrients, as well as mode of delivery.