

Supplementary Table S1. Characteristics of study population.

Characteristic	Total Cohort (n = 214) Mean (SD); n (%)	Natural ^a (n = 127) Mean (SD); n (%)	IVF/ICSI (n = 87) Mean (SD); n (%)	P-value ^b
<i>Maternal</i>				
Age (years)	32.3 (4.5)	31.8 (4.4)	33.0 (4.6)	0.586
Nulliparous	115 (53.7.4%)	68 (53.5%)	47 (54.0%)	0.945
Gestational age (GA) at first visit (days)	58 (7)	59 (7)	57 (7)	0.910
Geographic origin				
Dutch	166 (77.6%)	95 (74.8%)	71 (81.6%)	0.735
Western other	6 (2.8%)	4 (3.1%)	2 (2.3%)	
Non-Western	38 (17.8%)	24 (18.9%)	14 (16.1%)	
Educational level				
Low	18 (8.4%)	10 (7.9%)	8 (9.2%)	0.702
Intermediate	69 (32.2%)	38 (29.0%)	31 (35.6%)	
High	123 (57.5%)	75 (59.1%)	48 (55.2%)	
BMI first trimester (kg/m ²)	25.9 (5.2)	26.6 (5.7)	24.9 (4.1)	0.030
Folic acid supplement use (yes)	210 (98.1%)	123 (96.9%)	87 (100%)	0.095
Preconception initiation (yes)	178 (83.6%)	93 (73.8%)	85 (97.7%)	<0.001
Alcohol consumption (yes)	57 (26.6%)	34 (26.8%)	23 (26.4%)	0.799
Smoking (yes)	28 (13.1%)	16 (12.6%)	12 (13.8%)	0.816
<i>Prenatal growth</i>				
Crown rump length (mm)				
7 weeks GA	13.04 (2.69)	13.28 (2.91)	12.77 (2.49)	0.385
9 weeks GA	26.12 (3.51)	25.84 (3.77)	26.59 (3.04)	0.206
11 weeks GA	48.35 (6.27)	47.62 (7.22)	49.41 (4.17)	0.064
Embryonic volume (cm ³)				
7 weeks GA	0.36 (0.28)	0.40 (0.35)	0.32 (0.19)	0.203
9 weeks GA	2.24 (0.82)	2.20 (0.89)	2.34 (0.70)	0.354
11 weeks GA	10.15 (3.32)	9.73 (3.58)	10.73 (2.74)	0.076
Estimated fetal weight (g)				
22 weeks GA	542 (73)	539 (73)	546 (73)	0.404
32 weeks GA	2050 (226)	2044 (224)	2048 (228)	0.932
<i>Maternal pregnancy complications</i>				
Pregnancy-induced hypertension ^c	9 (4.2%)	6 (4.7%)	3 (3.4%)	0.648
Preeclampsia ^c	7 (3.3%)	4 (3.1%)	3 (3.4%)	0.904
<i>Neonatal outcomes</i>				
GA at birth, days	267 (30)	264 (34)	272 (20)	0.063
Birth weight, grams	3177 (690)	3139 (735)	3237 (615)	0.266
Birth weight percentiles	46.2 (29.0)	46.0 (30.0)	46.9 (28.3)	0.935
Fetal sex, boys	106 (49.5%)	68 (53.5)	38 (43.7%)	0.282
Congenital anomalies	8 (3.7%)	5 (3.9%)	3 (3.4%)	0.853
Placenta-related complication ^b	54 (25.2%)	37(29.1%)	17 (19.5%)	0.089
Fetal growth restriction ^b	15 (7.0%)	11 (8.7%)	4 (4.6%)	0.253
Small-for-gestational age ^b	19 (8.9%)	16 (12.6%)	3 (3.4%)	0.021
Preterm birth ^{b,d}	23 (10.7%)	16 (12.6%)	7 (8.0%)	0.291

^a Including eight women who received mild ovarian stimulation.

^b Bold text indicates significance at P-value ≤ 0.05.

^c Some women had more than one diagnosis.

^d Including both spontaneous and iatrogenic.