

Suppl Table 1. Baseline maternal characteristics and pregnancy outcomes by center

Characteristic	Center			p
	All	HCPA	HNSC	
	618 (100)	284 (46)	334 (54)	
<b>Maternal baseline characteristics</b>				
Age	32.8 (5.9)	32.9 (5.8)	32.7 (6.0)	0.74
White skin color	433 (70.1)	218 (76.8)	215 (64.4)	<0.001
Years in school $\leq$ 11 years	588 (95.1)	268 (94.4)	320 (95.8)	0.52
Smoking	52 (8.4)	39 (13.7)	13 (3.9)	<0.001
Chronic hypertension	143 (23.1)	62 (21.8)	81 (24.3)	0.54
Diabetes complication	37 (6.0)	21 (7.4)	16 (4.8)	0.23
Treatment before pregnancy				<0.001
diet	23 (3.8)	6 (2.1) <sup>a</sup>	17 (5.2) <sup>b</sup>	
oral medication	248 (40.5)	99 (34.9) <sup>a</sup>	149 (45.3) <sup>b</sup>	
insulin	41 (6.7)	30 (10.6) <sup>a</sup>	11 (3.3) <sup>b</sup>	
all	63 (10.3)	40 (14.1) <sup>a</sup>	23 (7.0) <sup>b</sup>	
none	238 (38.8)	109 (38.4) <sup>a</sup>	129 (39.2) <sup>a</sup>	
	613 (99.2)	284	329	
Family history of diabetes	416 (67.3)	168 (59.2)	248 (74.3)	<0.001
Family history of CH	309 (50.0)	85 (29.9)	224 (67.1)	<0.001
First pregnancy	114 (18.4)	49 (17.3)	65 (19.5)	0.55
Previous GDM	195 (31.6)	88 (31.0)	107 (32.0)	0.85

Previous macrosomia	124 (20.1)	57 (20.1)	67 (20.1)	> 0.99
BMI categories				0.003
normal	55 (9.2)	14 (5.3) <sup>a</sup>	41 (12.4) <sup>b</sup>	
overweight	117 (19.6)	62 (23.4) <sup>a</sup>	55 (16.6) <sup>b</sup>	
obesity	424 (71.1)	189 (71.3) <sup>a</sup>	235 (71.0) <sup>a</sup>	
	596	265	331	
Gestational age at booking	19.6 [14.0-27.4]	18.1 [12.6-26.0]	21.0 [15.3-28.8]	<0.001
Trimester of enrollment				0.001
< 13 weeks	123 (19.9)	71 (25.0) <sup>a</sup>	52 (15.6) <sup>b</sup>	
≥ 13-23 weeks	275 (44.5)	130 (45.8) <sup>a</sup>	145 (43.4) <sup>a</sup>	
≥ 24 weeks	220 (35.6)	83 (29.2) <sup>a</sup>	137 (41.0) <sup>b</sup>	
	618	284	334	
HbA <sub>1c</sub> at booking	7.2 (1.5)	7.3 (1.5)	7.2 (1.6)	0.85
	612	278	334	
<b>Maternal outcomes</b>				
GWG categories*				0.96
less than recommended	211 (37.5)	92 (37.2)	119 (37.7)	
as recommended	146 (25.9)	63 (25.5)	83 (26.3)	
more than recommended	206 (36.6)	92 (37.2)	114 (36.1)	
	563	247	316	
HbA <sub>1c</sub> at ≥ 28 weeks	6.3 (0.9)	6.3 (0.9)	6.3 (0.9)	> 0.99
	475	221	254	

Diabetes hospitalization	344 (58.7)	142 (55.0)	202 (61.6)	0.13
	586	258	328	
Pre-eclampsia	197 (33.1)	69 (25.7)	128 (39.3)	0.001
	595	269	326	
Insulin	511 (84.3)	244 (88.1)	267 (81.2)	0.026
	606	277	329	
Cesarean section	429 (74.0)	187 (70.8)	242 (76.6)	0.14
	580	264	316	

### Perinatal and neonatal outcomes

Perinatal outcome				0.78
liveborn	562 (90.9)	256 (90.1)	306 (91.6)	
stillborn	17 (2.8)	8 (2.8)	9 (2.7)	
lost to follow-up	39 (6.3)	20 (7.0)	19 (5.7)	
	618	284	334	
Birth weight	3278 (797)	3285 (830)	3271 (769)	0.83
	578	264	314	
Preterm birth	139 (24.0)	72 (27.3)	67 (21.3)	0.12
	578	264	314	
Birthweight category **				0.079
SGA	30 (5.3)	10 (3.9)	20 (6.4)	
AGA	322 (56.4)	138 (53.3)	184 (59.0)	
LGA	219 (38.4)	111 (42.9)	108 (34.6)	
	571	259	312	
Macrosomia	87 (15.1)	40 (15.2)	47 (15.0)	> 0.99

	578	264	314	
Hypoglycemia	117 (21.2)	52 (20.6)	65 (21.7)	0.85
	552	252	300	
NICU admission	234 (42.2)	109 (43.1)	125 (41.4)	0.75
	555	253	302	
Death****	32 (5.5)	14 (5.3)	18 (5.7)	0.97
	579	264	315	

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\* according to the Institute of Medicine recommendation

\*\* according to the World Health Organization chart

\*\*\* includes perinatal and neonatal death

HCPA: Hospital de Clínicas de Porto Alegre; HNSC: Hospital Nossa Senhora da Conceição; CH: chronic hypertension; BMI: body mass index; HbA<sub>1c</sub>: glycated hemoglobin; GWG: gestational weight gain; SGA: small for gestational age; AGA: adequate for gestational age; LGA: large for gestational age; NICU: neonatal intensive care unit

Results presented as mean (standard deviation), n (%) or median [interquartile range]