

琉球大学学術リポジトリ

妊娠期推奨体重増加量区別にみた妊婦の生理的特性および栄養素摂取量と正期産児の出生体重との関連

メタデータ	言語: 出版者: 琉球大学 公開日: 2018-08-09 キーワード (Ja): キーワード (En): 作成者: Tamashiro, Yoko, 玉城, 陽子 メールアドレス: 所属:
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Table 1 Comparisons of characteristics according to the fetal birth weight percentile

Variable	Total 303 (100.0)	Fetal birth weight percentile				P
		≤10th 26 (8.6)	10-50th 137 (45.2)	50-90th 112 (37.0)	90th < 28 (9.2)	
Age (years) ^a	31.8 ± 5.5	33.4 ± 5.0	30.9 ± 5.8	32.1 ± 5.1	33.2 ± 5.4	0.035
Height (cm) ^a	156.2 ± 5.2	153.9 ± 5.2	155.1 ± 5.3	157.4 ± 4.4	159.1 ± 5.2	<0.001
Pre-pregnancy weight (kg) ^a	49.7 ± 6.1	48.0 ± 6.0	48.2 ± 5.6	51.1 ± 5.8	53.6 ± 6.6	<0.001
Pre-pregnancy BMI (kg/m ²) ^a	20.4 ± 2.0	20.2 ± 2.2	20.0 ± 2.0	20.6 ± 2.0	21.1 ± 2.0	0.022
Pre-pregnancy BMI classification ^b						
Underweight (BMI < 18.5)	57 (18.8)	6 (23.1)	33 (24.1)	15 (13.4)	3 (10.7)	0.104
Normal range (18.5 ≤ BMI < 25.0)	246 (81.2)	20 (76.9)	104 (75.9)	97 (86.6)	25 (89.3)	
Gestational weight gain (kg) ^a	11.3 ± 3.7	10.4 ± 3.0	11.1 ± 3.9	11.4 ± 3.6	12.7 ± 3.6	0.089
Recommended gestational weight gain						
Below	35 (11.6)	6 (23.1)	17 (12.4)	12 (10.7)	-	0.229
Within	161 (53.1)	13 (50.0)	74 (54.0)	59 (52.7)	15 (53.6)	
Above	107 (35.3)	7 (26.9)	46 (33.6)	41 (36.6)	13 (46.4)	
Pre-pregnancy smoking status ^b						
Non-smoker	266 (87.8)	22 (84.6)	124 (91.2)	98 (87.5)	22 (78.6)	0.340
Smoker	37 (12.2)	4 (15.4)	13 (8.8)	14 (12.5)	6 (21.4)	
Maternal smoking status ^b						
Non-smoker	297 (98.0)	25 (96.2)	136 (99.3)	111 (99.1)	25 (89.3)	-
Smoker	6 (2.0)	1 (3.8)	1 (0.7)	1 (0.9)	3 (10.7)	
Parity ^b						
Primiparous	95 (31.4)	9 (34.6)	38 (27.7)	40 (35.7)	8 (28.6)	0.562
Multiparous	208 (68.6)	17 (65.4)	99 (72.3)	72 (64.3)	20 (71.4)	
Type of Delivery ^b						
Normal	225 (74.3)	17 (65.4)	94 (68.6)	91 (81.3)	23 (82.1)	0.240
Vacuum	64 (21.1)	8 (30.8)	34 (24.8)	18 (16.1)	4 (14.3)	
Caesarean Section	14 (4.6)	1 (3.8)	9 (6.6)	3 (2.7)	1 (3.6)	
Infant sex ^b						
Male	169 (55.8)	16 (61.5)	79 (57.7)	59 (52.7)	15 (53.6)	0.792
Female	134 (44.2)	10 (38.5)	58 (42.3)	53 (47.3)	13 (46.4)	

a: Mean ± SD, one-way layout analysis of variance b: n (%), chi-square test

Fetal birth weight percentile: Classification based on the "Introduction of the new gestational age-specific standards for birth size (2010)" by the Japan Pediatric Society

Pre-pregnancy BMI classification: Classification taken from the WHO criteria

Recommended gestational weight gain: below (<9kg), within (9-12kg), and above (>12kg) for underweight (BMI<18.5kg/m²) women, and below (<7kg), within (7-12kg), above (>12kg) for normal weight (18.5≤BMI<25.0kg/m²) women.