

PARTICULARITIES OF PRENATAL, INTRANATAL FACTORS IN CHILDREN WITH OVERWEIGHT AND OBESITY
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SUMMARY

In this paper we analyzed particularities of prenatal, intranatal factors, duration of the first year of life according to age and sex of overweight and obese children, proved results of the study, the importance of a correct anamnesis collection and its prognostic significance is shown.

() . 2010 42 [1]. () .

1, 128 197 .

[2, 8, 11]. (171,68±7,10). 13

(43,3%), -17 (56,7%).

2, 120 200 .(161,87±6,85

[3, 5, 6, 9, 10].). 38 (76,0%),

: -12 (24,0%).

125 196 .(168,25±5,42).

16 (45,7%), -19 (54,3%).

115 (p>0,05).

10 18 .

[1],

(1-47,8%, 2-69,8%); 2-

-30,4% (1), 20,9% (2), 3

1 30 -21,7% 9,3%,

() 85 95

2 50

95

35

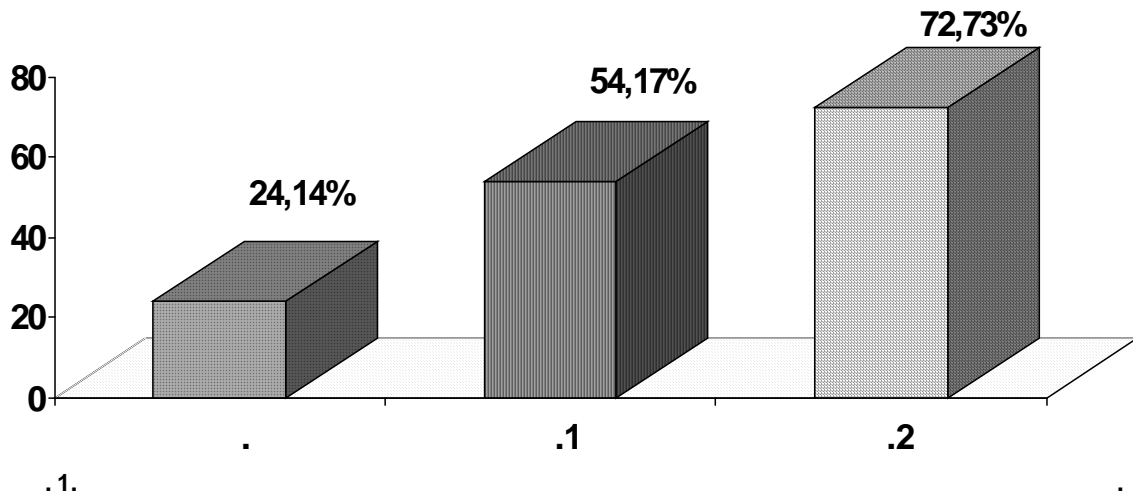
5 85

13,3%,

(2 - 27,1%,
- 8,6%: $p_{2;1} < 0,05$).

1 -

.1.

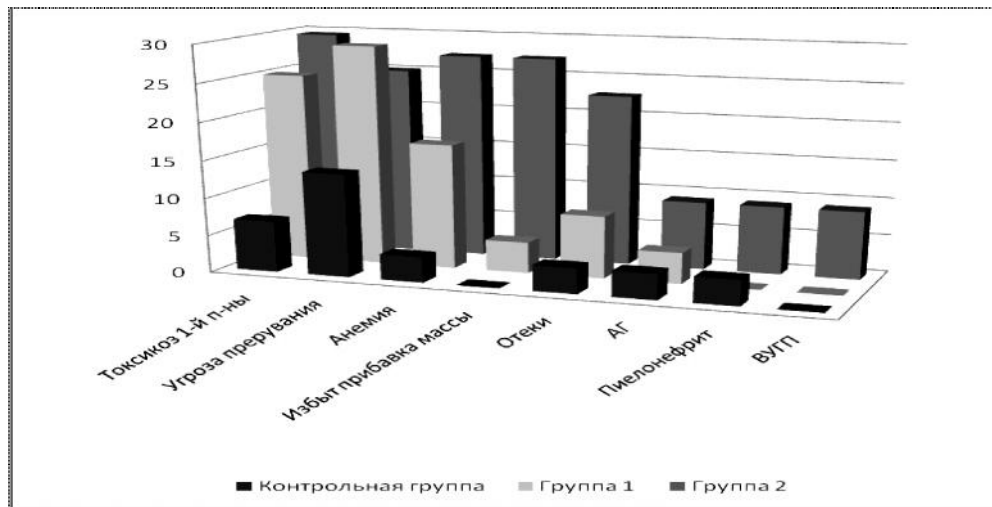


2

(72,7%),
1 (54,2%: $p_{1;2} < 0,05$),
(24,1%: $p_{1;2} < 0,05$),
[3,4,9].

(.2),

(1 - 22,2%, 2 - 27,1%;
- 6,9%: $p_{1;2} < 0,05$),
(29,6% 25,0%,
- 9,8%: $p_{1;2} < 0,05$).



.2.

22,9% (- 7,4%,
- 3,8%: $p_{2;1} < 0,05$),
- 8,3% (, 3,7%
3,8%: $p_{2;1} < 0,05$),
10,4% (, 3,7% 3,8%:
- 10,4% (, 3,7% 3,8%:
 $p_{2;1} < 0,05$),
- 27,1% (, 18,5% 17,1%). (2 - 18,2%, 1 - 8,3%,
: $p_{2;1} < 0,05$),
2 - 13,6%, 1 - 8,3%,
: $p_{2;1} < 0,05$).

	1 (n=30)	2 (n=50)	(n=35)
	%	%	%
	75,1	74,9	96,6
	8,3	2,3	10,3
	12,5	13,6	3,5
	8,3	13,6	-
	25,0	20,5	-
	8,3	18,2	-
	-	2,3	-
	4,2	4,6	6,9
	4,2	4,6	-

1. 2000 4200 .(3215,22±106,84
)
(50,04±0,65), 2
2700 4550 .(3385,00±64,72), 48 57
(51,19±0,32).
2750 4160 .(3358,44±64,76
)
(51,00±0,36).

[3, 8].

1.

2.

1. N°311. 2011 . (http://
www.who.int/mediacentre/factsheets/fs311/ru/)

2. Agras W.S. Risk factors for childhood
overweight: a prospective study from birth to 9.5 years.
/W.S. Agras, L.D. Hammer, F. McNicholas, H.C. Kraemer
//J.Pediatr. – 2004. – 145(1). – 20-25.

3. Ajslev T.A. Childhood overweight after
establishment of the gut microbiota: the role of delivery mode,
pre-pregnancy weight and early administration of antibiotics.
/T.A. Ajslev, C.S. Andersen, M. Gamborg, T.I. Sorensen, T.
Jess. //Int. J. Obes. (Lond). – 2011. – 35(4). – 522-529.

4. Flodmark C.E, Marcus C., Britton M.
Interventions to prevent obesity in children
and adolescents: a systematic literature review. /Int. J. Obes.
– 2006. – 30. – 579–589.

5. Hawkins S.S., Law C. A review of risk factors for
overweight in preschool children: a policy perspective.
/Int. J. Pediatr. Obes. – 2006. – 1(4). – P.195-209.

6. Koletzko B. Can infant feeding choices modulate
later obesity risk? /B. Koletzko, R. Von Kries, R. Closa [et
al.] //Am. J. Clin. Nutr. – 2009. – 89(5). – P.1502S-1508S.

7. Kuhle S., Allen A.C., Veugelers P.J. Perinatal and
childhood risk factors for overweight in a provincial
sample of Canadian Grade 5 students. / Int. J. Pediatr.
Obes. – 2010. – 5(1). – P.88-96.

8. Monasta L. Early-life determinants of overweight
and obesity: a review of systematic reviews. / L.
Monasta, G.D. Batty, A. Cattaneo [et al.] // Obes Rev. –

2010. – 11(10). – P.695-708.

9. Ovesen P., Rasmussen S., Kesmodel U. Effect of prepregnancy maternal overweight and obesity on pregnancy outcome. // *Obstet Gynecol.* –2011. – 118(2). –P305-312.

10. Singhal A. Does breastfeeding protect from

growth acceleration and later obesity? Nestle Nutr Workshop Ser Pediatr Program. –2007. – 60. – P.15-25 (discussion 25-29).

11. Vos M.B., Welsh J. Childhood obesity: update on predisposing factors and prevention strategies. / *Curr Gastroenterol Rep.* –2010. – 12(4). –P.280-287.