

. . . , - . . . ;
 . . . , ;
 . . . , ;
 . . . , ,

, . . .
 - () ,
 , . . .
 : , . . .
 , . . .
 , . . . ()
 , . . .
 : , . . .
 ()
 30% 80% [1, 2, 3, 4, 5, 6].
 [7]. $1/4 - 1/3$ (46,2-50,8%)
 (21,1-29,7%) [8].
 1,5-2 , . . .
 [2, 5, 8, 9].
 5,0% 65% [1, 2, 3, 6, 8, 9].
 , . . .
 - , . . .
 , . . .
 21 , . . .
 , . . .
 - , . . . [10,
 11]. () - ,
 [1, 2, 10, 12].

6 120 / [9, 11].
(1989) 6 Hb 110 / (2005) 6 120 /
[1, 2, 8, 11, 13, 14].
Hb 10-20%
6 120 / , 6
130 / [9, 15].

—
(, - : ,
,);
— ;
— ;
— ;
— , ;
— ;
— ;
— :
— :
(,
,);
— (,
, , —); (-
() , ;
(, -) [1, 2, 4, 9, 11, 14, 16, 17].

— ;
— ;
— [16].
—

[17].

Fe [1, 9, 12].

Fe- [18].

[1, 9, 12].

[19].

[18].

[12].

[2].

(2005),
 - б 70-51 / , - б 50 / б 110-91 / , - б 90-71 / ,
 [1, 11, 16].

[1, 17, 20].

[2, 10].

1) ;
 2) ;
 3) ;
 4) ;
 5) ;
 6) [1].

[6, 9, 20, 21].

6 : $3,66 \cdot 10^{12} / - 5,08 \cdot 10^{12} /$;
 7 : $4,00 \cdot 10^{12} / - 5,12 \cdot 10^{12} /$;

- 7 : $3,99 \cdot 10^{12} / -4,41 \cdot 10^{12} /$ [9].
 - 0-1 -145 / ;
 - 1-14 -130 / ;
 - 14-28 -120 / ;
 - 1 -6 -110 / ;
 - 6 -120 / [4].
 ()
 -0,85-1,05.
 (Mean Corpuscular Hemoglobin) (MCH) -
 : 27,5-35,0
 () [8, 9, 13].
 (Mean Corpuscular Hemoglobin
 Concentration) (MCHC) -
 :
 30-38% [8, 9, 13].
 (Mean corpuscular Volume) (MCV),
 75-95 μm^3 [8, 9, 13].
 (), ()
 ().
 -
 40,6-62,5 / [8, 9, 13].
 -
 - 5,0-19,3 / ;
 - 1 -10,6-33,6 / [8, 9, 13].
 :
 = - ,
 47 / [9].
 - , :
 = (:) - 100%.
 16-20% [8, 9].
 1/3
 ,
 ,
 " ,
 " .

" [9, 18].

(,),

-			- 0,164 +0,019 / ;
-			- 0,092 +0,014 / ;
-	4	- 0,41 +0,03 / ;	
-	5-6	- 0,57 +0,09 / ;	
-	7-11	- 0,71 +0,05 / ;	
-	12	- 0,73 +0,07 /	[9].

20 / [2, 8, 9].

SUMMARY

DIAGNOSIS OF IRON DEFICIENCY IN CHILDREN: THE MODERN VIEW ON THE PROBLEM

*Smiyan A. I., Vasylyshyn K. I., Klimovets M., Shyshchuk A.,
Medical Institute of Sumy State University, Sumy*

The article is devoted to the study of iron deficiency in children. It analyses ante-, peri- and postnatal causes of iron deficiency anemia (IDA) in children, provides data on the frequency of detection of IDA in children as well as describes the stages of iron deficiency in the body. The article sums up the data of the literature concerning diagnostics of IDA in infancy.

Key words: iron deficiency states, iron deficiency anemia, children.

1. / ,
 // - 2009. - 1. - C. 63-66.
2. Glader B. Iron-deficiency anemia. In: Kliegman R. M., Behrman R. E., Jenson H. B., Stanton B. F., eds. Nelson Textbook of Pediatrics. 18th ed. Philadelphia, Pa: Saunders Elsevier; 2007: hap 455.
3. //
 . - 2011. - 2. - C. 40-48.
4. //
 . - 2006. - 7. - C. 66-70.
5. //
 . - 2010. - 4. - C. 101-103.
6. Wu A. C. Screening for iron deficiency / A. C. Wu, L. Lesperance, H. Bernstein // *Pediatr. Rev.* - 2002. - 23. - P. 171-178.
7. //
 . - 2007. - 4. - C. 14-19.
8. //
 . - 2008. - 2. - C. 40-48.
9. // *Medicus Amicus.* - 2004. - 6.
10. //
 2010. - 9 (18). - C. 6-9.
11. Yip R. Iron deficiency (iron deficiency anemia). *Bulletin of the World Health Organization.* - 2005. - 76 (2). - . 122.
12. //
 . - 2010. - 6 (34). - C. 77-81.
13. Legniece Sandra. . . . ? / Legniece Sandra // . - 2010. - 9 (325).
14. //
 . - 2005. - 2. - C. 53-55.
15. //
 . - 2005. - 4. - C. 39-42.
16. //
 . - 2009. - 1. - C. 79-81.
17. Body iron metabolism and pathophysiology of iron overload / Y. Kohgo, K. Ikuta, T. Ohtake, Torimoto Y. Yoshihiro, J. Kato // *Int. J. Hematol.* - 2008. - 88(1). - P.771-5.
18. Andrews N. C. Forging a field: the golden age of iron biology / *Blood.* - 2008. - Vol. 112, 2. - P. 2199-230.
19. //
 . - 2011. - 3. - C. 108-111.
20. //
 . - 2009. - 2 (24). - C. 119-122.
21. //
 . - 2010. - 4. - C. 56-60.