



# Роль метаболических сдвигов в генезе сердечно-сосудистых изменений у детей с железодефицитной анемией

С.Н. Давлатова, К.И. Исмаилов, Ш.О. Шарипов, А.Ш. Зарипов  
Кафедра детских болезней №2 ТГМУ им. Абуали ибни Сино

54

( )

## Ключевые слова:

### АКТУАЛЬНОСТЬ.

2  
( )  
50%  
20% - [1,7,14].  
( 80% ),  
[12,13].

### МАТЕРИАЛ И МЕТОДЫ.

54 2 15  
25, -29. 8.8±0.84  
30

( )  
( - ).

(  
).  
PWC170.

### РЕЗУЛЬТАТЫ И ИХ ОБСУЖДЕНИЕ.

34  
(10 )  
14.84±0.22, - - 11.47±0.19,

### ЦЕЛЬ ИССЛЕДОВАНИЯ:

(17.64±0.10 13.39±0.21 ).





(2.3%).

5 (11.4%),  
– 16 (36.4%).

( ),

[2,5,8,10].

[10,11].

[8,16].

[4].

(12 20 )

(33.3 65%),  
(11.1 30%),

(11.1 60%),  
(44.4 40%  
ST 1-1.5  
20%

(22 ): – 84%,  
– 16%,  
– 92%,  
– 44%,  
V4-V6 – 20%. 16%

« » ST  
1.5  
28% V3, V4 V6.

QRS,  
[4].

S ,

[9].

81.5%

**ТАКИМ ОБРАЗОМ,**

( - )

)

**ЛИТЕРАТУРА**

1. / . . . . . / . . . . .  
// . . . . . -2006.- 3
2. / . . . . .  
1993.- .4.- .250-259
3. / . . . . .  
// . . . . . -2005.- 9.- .45-50
4. / . . . . . // . . . . .  
-2002.- .4, 1.- .71-74
5. / . . . . .  
// . . . . .  
1998.- 2
6. / . . . . .  
/ . . . . .  
2006.-128
7. / . . . . .  
// . . . . .  
-2010.- 3.- .64-  
69
8. / . . . . .  
/ . . . . .  
2000



9. ... / ... 1995
10. ... // ... 1992.- 4.- 59-61
11. ... [ ... ]// ... 2002.- 74, 6.- 66-69
12. ... // ... « ... », 2009.- 152-154
13. ... // ... 2004.- 4.- 6-9
14. ... // ... 2.-2007.- 38-41
15. Biochemical Skeletal Muscle and Hematological Profiles of Moderate and Severely Iron Deficient and Anaemic Adult Rats /B.J. Koziol [et al.] // J.Nutr.-1978.-Vol.108.-P.1306-1314
16. Cardiovascular Function Before and After Iron Therapy by Echocardiography in Patients with Iron Deficiency Anemia / R.Hayashi [et al.] // Pediatr-Int.1999.-Feb.-P.13-17
17. Dallmen P.R. Effects of Iron Deficiency Exclusive of Anaemia /P.R. Dallmen, .Beutler, .Finch //Br-J-Haemat.-1978.-Vol.40, 1.-P.179-184
18. Oxygen Consumption and Work capacity in Iron-Deficient Anemic Rats /Y.Ohira [et al.] //J.Nutr.-1981.-Vol.111, 1.-P.17-25
19. Viteri F.E. Influence of Iron Nutrition on Work Capacity and Performance / F.E. Viteri //Filer L.J. (ed) Dietary Iron: Birth to Two Years.-Raven Press, New York, 1989.-P.141-160
20. Wranne R. A Gradet Treadmill Test for Rats: Maximal Work Performance in Normal and Anemic Animals /R. Wranne, R.D. Woodson //J.of Appl.Physiol.-1973.-Vol.34, 4.-P.732-735

## Summary

# The role of metabolic changes in the genesis of cardiovascular changes in children with iron deficiency anemia

S.N. Davlatova, K.I. Ismailov, Sh.O. Sharipov, A.Sh. Zaripov

Authors studied the relationship of metabolic disorders and functional state of the cardiovascular system in 54 patients suffering from iron deficiency anemia. They proved negative impact of metabolic disorders caused by hemic hypoxia sideropenia and decreased activity of enzymes of energy metabolism in the cardiovascular system in this category of children.

**Key words:** iron deficiency anemia, hemic hypoxia sideropenia, cardio-vascular system

### АДРЕС ДЛЯ КОРРЕСПОНДЕНЦИИ:

**С.Н.Давлатова** – ассистент кафедры детских болезней №2 ТГМУ;  
Таджикистан, г. Душанбе, ул. И. Сомони, 59. Тел.: 93-527-75-39.  
E-mail: sokhira@mail.ru