

OXIDATIVE MODIFICATION OF PROTEINS AND PEROXIDE OXIGATION OF LIPIDS IN ACUTE INTESTINAL INFECTION OF BACTERIAL AND ROTAVIRUS-BACTERIAL ETIOLOGY

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SUMMARY

In the article are presented results of investigation of free-radical oxigation process in blood of 39 patients with acute intestinal infection of bacterial and rotavirus-bacterial etiology. There is shown dynamic of indexes of oxidative modification of proteins and peroxide oxigation of lipids depending on etiology, severity and period of the disease. Was revealed correlation between content of carbonyl groups, concentration of malonic dialdehyde and duration of intoxication syndrome in patients with mixt-infection.

39

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, 60-70%

() [16, 17].

[1, 10].

[9].

[3].

()

[15].

()
[14, 15].

(),
[11, 23].

(, - ,). « » [6, 7].
(5-6%)

() , , [8].

() [13],

, Tol-

[12].

() ,

[4].

« » [20].

(+).

(),

39

7

1-

20

2-

19

(+).

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[11].

1-

3-

(6-

[2, 5].

2,4-

(2,4-) [22].

[19, 21].

()-

[18].

, - , + (R=0,48; R=0,77)
 , - 1. , - ,
 , 20%, + - 37% + , -
 (p<0,05). 1,8 - 37% 20% (, -
 , (p<0,01), 2,2 - 2,2 1,8).
 +) (p<0,01). , - + (1,9
 - (+) , (1,5).
 (12% 8,3%).
 , (R=0,81).
 1,3 (p<0,05), + (R=0,77).
 (p<0,01). 1,7 4. - -
 , +
 1,9 (p<0,01) 1. . . .
 , //
 - 1,5 (p<0,01). -2007.- 4.- .15-21.
 2. . . . ,1998.-412 .
 , 9% 3. . . .
 + //
 1989.- .61.- 1.- .140-143.
 4. . . . //
 + (R=0,58) .-2000.- .29.- .151-167.
 (R=0,81). 5. . . .
 , //
 (2,1±0,75), : .- .,2001.- .252-256.
 6. . . .
 1- 1,2 , - /
 (4,6±0,62; 3,8±0,74). / .-2004.- 2.- .8-15.
 7. . . .
 + , -

16.

8. // -2004.- 1.- .7-13. // -

9. // - ,2004.- 343 2006.- 11.- .17-23. //

2000.- .6.- 4.- .3-14. // -2004.- 6.- .20-24. -

10. - 18. -

11. // -1992.- 11.- .7-11. // -1981. -

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12. 20. « » -

13. // -1995.- 2.- .47. -2003.- 1.- .31-40. // -

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