

**D-**

... ,

D- . D.

D- . D.

[1, 2, 3].

( , ) ,

( ) [4, 5, 6].

D, ( ) - [7, 8, 9].

[10, 11, 12, 13].

D.

(Cu, Zn, Fe, Mn) D.

30 3-4 100 150 .

“ ” ( , 1985) ” ( , 2006).

7 : D (I) 0,125% (II).  
 300000 / 3-  
 8-

Zn - 213,6 , Fe - 248,6 , Mn - 279,5 : -422,2 , Mg - 285,0 , Cu - 324,4 ,  
 -115- -1 -

t- ( ) [14].

D ( . . 1).  
 ( 8 )

(p > 0,05).

I -  
 D (300000 \ ) 7  
 ( / 0,1 , M ± m, n = 15)

	D			
	5,07 ± 0,56	2,50 ± 0,18	44,9 ± 2,58	2,70 ± 0,42
	0,90 ± 0,22	0,52 ± 0,08	2,19 ± 0,20	0,53 ± 0,13
	0,21 ± 0,01	0,30 ± 0,09	0,43 ± 0,007	0,56 ± 0,12
	1,88 ± 0,13	2,01 ± 0,16	1,63 ± 0,12°	1,88 ± 0,13
	0,29 ± 0,01	0,19 ± 0,04	0,16 ± 0,004	0,19 ± 0,06
	3,46 ± 0,11	4,30 ± 0,28	3,22 ± 0,32	3,66 ± 0,42
*	( < 0,05).			
o	- - ( < 0,05)			

2

D.

D 13% 7%

45%

D 15%

(p > 0,05)

(p < 0,05).

D.

[7, 8].

D

D-

Cu, Zn, Fe, Mn, Mg

- 3-

-F420-

[15-17].

[18].

[19].

[20].

[10, 11],

D.

1.

(300000 / )

D

7

0,125%-

2.

D-

3.

D

(

).

## SUMMARY

### ELEMENT DISBALANCE OF A VASCULAR WALL OF RATS UNDER D-VITAMIN INTOXICATION

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*In this paper it is established the changes of micro- and macroelements in a vascular wall of rats under D-vitamin intoxication. The element disbalance plays the important role in arteriosclerosis development.*

**Key words:** *vascular wall, microelements, macroelements.*

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