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THE POSSIBILITY OF CORRECTING OF STRUCTURAL AND FUNCTIONAL STATE OF TARGET
ORGANS IN PATIENTS WITH HYPERTENSION AND OBESITY

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Abstract: This article evaluates the dynamics of structural and functional state of the heart, blood vessels and liver in patients with arterial hypertension and obesity. This publication presents the results of complex therapy in this category of patients, depending on the regimen and adherence measures on lifestyle modification.

Key words: hypertension, obesity, heart, blood vessels, liver, treatment.

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2. // . - 2013. - 2 (94) – .6-7.
3. . - : . ., 2010. –384 .
4. _____
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5. Cardiovascular Mortality in Overweight Subjects.The Key Role of Associated Risk Factors / F. Thomas, K. Bean, B. Pannier et al. // Hypertension. - 2005. - Vol. 46. - P. 654-663.
6. All-Cause Mortality Associated With Specific Combinations of the Metabolic Syndrome According to Recent Definitions / L. Guize, F. Thomas, B. Pannier et al. // Diabetes Care. - 2007. - Vol. 30. - P. 2381-2387.
7. // . , . // . –2006. – 3. – .30-33.
8. Weight gain-induced blood pressure elevation / K. Mansuo, H. Mikami, T. Ogihara, M.L. Tuck // Hypertension. - 2000. - Vol. 35. - . 1135-40.
9. Zhang R. Obesity-hypertension: the effects on cardiovascular and renal system / R. Zhang, E. Reisin // Am J Hypertens. - 2000. - Vol. 13. - . 1308-14.

// . -2011.

- . 17, 4. - . 422-430.

19. 2013 ESC/ESH guidelines for the management of arterial hypertension // J. Hypertension. -2013. -Vol. 31(7). -P. 1281-1357.

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. -2008. - 15 - . 68-69.

21. . II:

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22. . . :

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- 5. - . 338-342.