

Review

of the graduation qualifying thesis by Marshalko Darya Viktorovna, 6th year student at Faculty of Medicine, Saint Petersburg State University, entitled «Clinical significance of hyperhomocysteinemia in patients with abdominal obesity»

The thesis by D. V. Marshalko analyzes the problem of hyperhomocysteinemia that represents a prevalent and understudied metabolic disorder associated with increased cardiovascular risk. Homocysteine metabolism and its interconnections with other metabolic disorders in abdominal obesity are of particular interest.

The author conducted a distinct study based on the retrospective analysis of medical records of 170 patients, including 119 individuals with abdominal obesity. Prevalence of hyperhomocysteinemia and its interconnections with particular components of metabolic syndrome were evaluated. Obtained data on gender differences of clinical and laboratory parameters associated with hyperhomocysteinemia are of practical importance. Validity of results and conclusions is based on the sufficient number of patients and relevant methods of statistical analysis. Practical orientation and competent comparisons between empirical data and findings by other investigators are among the advantages of this study.

In the course of research and preparation of the thesis D. V. Marshalko demonstrated her high level of knowledge of fundamental and clinical subjects, her skills of analyzing scientific literature and clinical data, as well as necessary discipline. She published 2 papers on the issue of hyperhomocysteinemia. The results of the study were also presented at XXII International Conference «Fundamental Science and Clinical Medicine – Human and Health». Thus, personal contribution of the author is sufficient.

Graduation qualifying thesis has been submitted timely and corresponds to the requirements for structure, content and format of the thesis. The author deserves admittance to public defense of the thesis and commendation.

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May 22, 2019



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