

REVIEW OF THE SCIENTIFIC CONSULTANT

on the dissertation work of M. O. Doskhanov on the topic: "Improving the organization of care for patients before and after liver transplantation in the Republic of Kazakhstan", submitted for the degree of Doctor of Philosophy (PhD) in the specialty 6D110200-Public Health

The dissertation work, "Improving the organization of care for patients before and after liver transplantation in the Republic of Kazakhstan", is devoted to the actual topic of public health.

The dissertation work of Doskhanov M. O. contains significant results that have practical significance for public health.

A proven set of measures to improve the organization and provision of medical care before and after liver transplantation, for use in the Republic of Kazakhstan in order to assess the real needs of medical organizations in solving issues of personnel and bed provision of specialized gastroenterological care.

The results of the study are based on scientific, theoretically based methodological approaches, and the mechanisms developed by the applicant can be used in any region of the republic.

The author studied the opinion of the population about deceased donation of the Republic of Kazakhstan, which plays an important role in the development of organ transplantation from a deceased donor. During which it was revealed that only 35.3% of the population in the Republic of Kazakhstan is ready for deceased donation. This is mainly the population of the northern region of the country, the Christian religion.

In his dissertation work, M. O. Doskhanov did a great work on on transplant centers in the Republic of Kazakhstan, the author defined criteria for the development of organ transplantation, and also focused on the development of organ transplantation in the Republic of Kazakhstan from a deceased donor. The main problems of donation in the Republic of Kazakhstan, the lack of donor organs from both deceased and living donors, due to the selection criteria at the stage of examination of living donors, are also disclosed. The author also studied the big problem of recipients both before and after liver transplantation.

The reliability of the research results of the work performed is confirmed by a sufficient volume of a comprehensive study conducted using modern data processing methods.

The applicant has published 11 scientific papers, including: 7 articles in a journal indexed in the Scopus database with an impact factor, 4 articles published in publications recommended by the Committee for Quality Assurance in the Field of Education and Science, the Ministry of Education and Science of the Republic of Kazakhstan. Participation in 5 international conferences with an oral report. A certificate for the registration of a patent was obtained. In 2019, methodological recommendations were issued. There is a copyright based on the results of a research work on the topic "Algorithms and recommendations for the management of patients before and after liver transplantation".

Thus, all the research results obtained in the course of this dissertation research have a scientific novelty, and the conclusions and conclusion of the applicant formulated in the dissertation are certainly new and make a certain contribution to the development of the scientific direction related to public health and healthcare.

The completed dissertation work meets the requirements for doctoral dissertations of the "Rules for awarding a degree" of the Committee for Quality Assurance in the Field of Education and Science of the Ministry of Education and Science of the Republic of Kazakhstan, and can be submitted for defense for the degree of Doctor of Philosophy PhD in the specialty 6D110200 – "Public Health".

Scientific consultant,

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