



REVIEW

for the PhD thesis of Nadyrov Kamalzhan Talgatovich

Thesis title: "Development of the health care system of the city of Astana during its formation and ways to improve it" submitted for the degree of Doctor of Philosophy PhD, specialty 6D110200 – "Public Health"

The problem of the formation and development of the health care system of a large metropolis is relevant for many countries. A study devoted to a comprehensive assessment of the mechanisms for the development of the medical care system in the city of Astana and the translation of this experience into practice over a short historical period has not been previously conducted. This study covered a period of 20 years from the formation of the city as the capital to the present. At the same time, given that the development of the Astana city healthcare system was carried out in the face of constantly changing demographic and social determinants, a thorough multilateral analysis and evaluation of the effectiveness and efficiency was required, followed by the structuring of medical care management on a scientific basis. These premises explain the relevance of the chosen topic of the scientific work of Nadyrov Kamalzhan Talgatovich.

In the course of the dissertation research, Nadyrov Kamalzhan Talgatovich analyzed the data of modern literature on the topic of the dissertation research, studied the main indicators characterizing the health and demography of the population of Astana, analyzed the dynamics of indicators of resource provision, investment policy and staffing of the main structures of healthcare organizations in Astana. Astana, studied the dynamics of the performance of organizations providing primary health care and specialized medical care to the population of the city of Astana for the period from 1997 to 2019. The doctoral candidate also assessed patient satisfaction with the quality of medical care provided at the level of primary health care organizations, as the main providers of medical services.

Based on the results of the research, Nadyrov Kamalzhan Talgatovich developed an organizational and predictive algorithm for the management of medical care for the population of Astana, gave practical recommendations for the Ministry of Health, regional health departments, medical organizations providing PHC, medical universities and scientific organizations.

The validity and reliability of the results of the study is confirmed by a sufficient amount of analyzed, both theoretical and practical material, as well as modern methods of analysis.

On the whole the dissertation work of the doctoral candidate Nadyrov Kamalzhan Talgatovich meets the requirements of the Committee for Quality Assurance in Education and Science of the Ministry of Education and Science of the Republic of Kazakhstan and is recommended for official defense at the Dissertation Council in the specialty 6D110200 - "Public Health".

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