

# 2. International Congress on Natural & Medical Sciences

June 12-13, 2023  
Ege University, Izmir, Turkey

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## Abstract Book

**EDITORS:**

**Prof. Dr. Bahri BAŞARAN**

**Prof. Dr. Ali MERT**

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# ABSTRACT BOOK



## EGE 2nd INTERNATIONAL CONGRESS ON NATURAL & MEDICAL SCIENCES

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### Editors

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TR: +90 342 606 06 75

E posta: kongreiksad@gmail.com

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## LOGISTICS AND MANAGEMENT IN HEALTHCARE

*Alimova Sabohat GAZIEVNA*

*Tashkent Medical Academy, Associate Professor, the Department of Social Sciences, Tashkent,  
Republic of Uzbekistan*

*ORCID ID: 0000-0000-0000-0000*

### ABSTRACT

This article examines the issues of the modern logistics system in healthcare, in the conditions of the development of market relations, the management of commodity movement, which is one of the most promising and multifaceted areas in economic and financial, production and economic activities with real volumes and quality of medical care, monitoring of the results of activities, an objective adequate assessment of the activities of medical institutions, a single the information space of healthcare in general, a logical and functional connection between management and medical personnel is also built. Healthcare logistics is a relatively new direction for medicine. And the peculiarity of studying logistics skills will accelerate the development of the medical field in the conditions of market relations. Where, there will be no such kind as medicine in need of elementary drugs, dissatisfied patients, a high level of epidemiological diseases, a shortage of beds and other inconveniences. Effective functioning of the healthcare system due to the development of system-forming factors (improvement of the organizational system, development of infrastructure and resource provision of healthcare, expansion of economic independence of healthcare institutions, increasing their responsibility for the economic results of their activities, implementation of a phased technological principle of functional distribution of diagnostic, preventive, medical and rehabilitation measures) in a logical and rational sequence will increase the medical and economic efficiency of the entire healthcare system. All the studied methods of managing medical institutions have ceased to be effective, because there is nothing permanent or predictable in the modern economic environment. It is extremely difficult to accurately predict market changes, consumer demand, the life cycle of a medical product, scientific and technical changes, and competition between subjects of market relations. The effectiveness of the management of the production of medical services is negatively affected by the trivial system of labor rationing, the absence or shortcomings in the work schedule, low stimulation and motivation of staff. The vast majority of decisions taken do not take into account the desire of the clientele and are prepared without taking into account and using modern technologies for organizing the management process, as a result of which there are no clearly developed plans for their implementation in the control system. A medical institution today is, as it were, the final point of concentration of all defects in the management of the healthcare system. The planning of the medical institution's activities is carried out on the basis of taking into account fragmentary information and an informal method of expert assessments without using modern methods of systematic, statistical and economic analysis (actuarial forecasting, correlation, regression, multifactor analysis, economic and mathematical modeling, etc.).

**Keywords:** logistics, management, functioning, healthcare system, medical and economic efficiency.