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**ФАРМАЦЕВТИЧНА ОСВІТА,
НАУКА ТА ПРАКТИКА:
СТАН, ПРОБЛЕМИ,
ПЕРСПЕКТИВИ РОЗВИТКУ**

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ІМЕНІ О. О. БОГОМОЛЬЦЯ
ФАРМАЦЕВТИЧНИЙ ФАКУЛЬТЕТ

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DEVELOPMENT OF ORGANIZATIONAL AND ECONOMIC APPROACHES TO THE IMPROVEMENT OF MEDICAL CARE FOR PATIENTS WITH COVID-19

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Introduction. The priority task of the state in the field of health care is to improve the quality, efficiency and availability of pharmaceutical care. The strategy of medical provision of the population for the period until 2025 defines the main vectors of development, such as the introduction of modern clinical recommendations (protocols) for the management of patients; creation of an effective system of rational use of medicinal products based on the principles of evidence-based medicine; improvement of the system of forming lists of drugs for medical use; formation of a unified information system in the field of pharmaceutical care; development of information exchange on pharmaceutical care issues; creation of a unified information and reference system for current methods of treatment and rational use of pharmaceuticals for medical and pharmaceutical workers; creation of a system of improving the qualifications of medical and pharmaceutical workers in matters of rational care.

The purpose of the study. The purpose of this work is to develop organizational and economic approaches to improving medical care for patients with COVID-19.

Research methods. The research methodology is based on the constitutional principles of state guarantees in the field of health care of citizens; the strategy of medical provision of the population for the period until 2025.

The methodology for building an organizational and economic model of the pharmaceutical care system for diseases that pose a threat to others is based on a systemic approach, basic principles of modeling, functional interaction, consistent detailing and patterns of interaction between part and whole.

The research materials were:

- Databases (Medline[®], EMBASE[®], PubMed, eLIBRARY);
- orders and normative legal acts on the provision of medical assistance and regulation of circulation of medicinal products;
- medical records of patients with COVID-19;
- reports of medical organizations;
- State Register of Medicines (DRLZ);
- 150 questionnaires for expert assessment among medical and pharmaceutical workers.

The subject of the study was organizational and economic approaches to improving medical care for patients with COVID-19. During the research, a complex of different methods of analysis was used, including methods of structural, logical, retrospective, comparative, graphic analysis, logical modeling, content analysis, methods of sociological analysis (methods of expert evaluations, questionnaires),

methods of marketing analysis, mathematical modeling. Processing of research results was carried out using methods of mathematical statistics. Statistical data processing was carried out on a personal computer with Windows 11 using the Microsoft Office Excel editor and Statistica.

Results. The following materials were used during the research:

1. Medical charts of 518 patients who were treated, which became the material for compiling an average portrait of the patient.

Demographic characteristics such as gender and age were used to form the patient's portrait, clinical – symptoms, concomitant diseases, laboratory indicators, the percentage of lung damage according to the results of computer tomography, the saturation index, as well as statistical – the duration of hospitalization, the proportion of patients transferred to the intensive care unit and intensive therapy;

2. Appointments that were necessary to study the structure of drug consumption in covid departments;

3. Questionnaires for expert assessment among medical and pharmaceutical workers.

Conclusions. An average statistical portrait of the patient was compiled, and a comparative analysis of patients of three covid departments was carried out according to indicators: age, sex, comorbidities, clinical and laboratory indicators, percentage of lung damage, average duration of hospitalization. The identified clinical and laboratory indicators of the patient allow forming the necessary array of factors affecting the prescription of drugs, establishing the optimal range of drugs necessary for pharmaceutical care at all stages of providing medical care.

DEVELOPMENT OF THE MODEL OF SUPPLYING A MULTIPROFILE HOSPITAL WITH ANTISEPTIC MEANS

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Introduction. Medical support for inpatients is one of the main problems of medical and preventive institutions. Antiseptics are an integral component of both the treatment process and the provision of a sanitary-disinfectant regime in hospitals, however, the pharmaceutical market of antiseptics and the issue of providing antiseptics to medical and preventive facilities have not been studied before. A significant part of antiseptics in the hospital is used in medicinal forms of pharmacy production, which makes it necessary to study the extemporaneous formulation of antiseptics in modern conditions. Expanding the range of AZ and improving the surveillance of nosocomial infections in the conditions of the formulary system require the coordination of the activities of the epidemiologist, the clinical pharmacist and the pharmacy of the medical and preventive institution regarding the rational use of