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IMPROVING THE ORGANIZATION OF THE PROVISION OF MEDICAL SERVICES AND THE DIGITAL ENVIRONMENT

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ABOUT ARTICLE

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Abstract: The article is focused on major topic in the field of medicine: the necessity, advantage and convenience of the digitalization of medicine for people which gives opportunities in strengthening the work of maintaining the health of people, preventing diseases, and early detection of it. In general, achieving clear efficiency in medicine is

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the main goal of reforms.

INTRODUCTION

The development of the medical services sector in the context of the COVID-19 pandemic is characterized, on the one hand, by the significant penetration of digital technologies into the processes of providing medical services, including prevention, diagnosis, treatment, and rehabilitation of citizens, and, on the other hand, by the growth of new challenges and threats associated first of all, with a decrease in the stability of the functioning of medical organizations in conditions of poorly predictable external shocks [3].

In the 21st century, which is called the age of information technologies, the role of modern information technologies in all aspects of society, especially in the field of medicine, is incomparable. The achievements of medicine are largely based on the success of information technologies. In many cases, patients spend a lot of time searching for a cure and finding the appropriate specialist for their disease,

which causes the period of treatment of the disease to be delayed. The urgency of this problem is a sign of the population's slowness in using information technologies for optimal purposes. Also, currently developing areas such as Biomedical Engineering, Digital Technologies in Medicine are closely related to the Science of Medicine and Information Technology.

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The large number of functional possibilities of information technologies gives doctors and patients unlimited directions for their use. Summarizing the solutions to these problems, using digitized technology, it is expected to become an indispensable assistant in general optimization of patients' work, saving time, rapid elimination of disease risks, and treatment [6].

Over the past year, more than 20 presidential decrees and decisions aimed at improving the quality of medical services have been adopted. This year, 21 trillion soums were allocated to the industry from the budget, which is 3 times more than in 2017.

However, despite the measures taken, people living in districts and remote villages have not noticed serious and radical changes in medical services in their lives. Unfortunately, robberies in the field, cases of neglect of duties cause a number of problems in the system, and these factors, in turn, have a negative effect on the health of the population.

The lower medical system does not meet today's demand. Those who need qualified medical assistance are forced to turn to specialized centers, spending excessive time and money [7].

If more than 3,000 medical institutions in our country are digitized and specialized medical centers and regional, city and district hospitals are connected to a single system, then the opportunity to provide quality medical services to the population will be created and excessive busyness will be eliminated.

The President's decision "On additional measures for the comprehensive development of the health care sector" adopted yesterday opens a completely new era in the process of reforms in the field.

The main directions of activity of the health management were determined by the document. The foundation stone of a new management system, completely different from the previous one, has been laid.

The most important of the tasks defined in the decision is the highly efficient organization of the primary link of medicine and bringing medicine closer to the population. It is decided that the population will be able to receive high-quality outpatient and inpatient medical services in their place of residence without having to travel to the city, regional center or republic [4].

Based on the newly introduced management system, the Minister of Health is responsible for general management of the system and departmental organizations, effective organization of their work, development of science and education, the first deputy minister is responsible for family doctor points, family polyclinics, district, city The quality of medical services in multi-disciplinary central polyclinics and hospitals, their equipment and improving the knowledge and skills of medical workers, digitization of the medical field, financing, introduction and development of public-private partnership to the deputy minister responsible for digitization, another minister the deputy is tasked with reforming specialized medical and multidisciplinary regional hospitals of the republic, connecting them with primary medical and sanitary institutions.

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Until now, the amount allocated per capita for medicines and medical supplies in primary medical and sanitary institutions was 5 thousand soums. Starting from June 15, 2021, this amount will be tripled to 15,000 soums. For this purpose, funds in the amount of 165 billion soums were allocated at the expense of the optimization of investment projects in 2021 [2].

In order to improve the quality of targeted prevention and screening of the population in places, especially in remote areas, at least 3 prototypes of special buses equipped with the necessary equipment will be created and tested by October 1, 2021 [1].

The development of electronic technologies and applications creates good opportunities for studying medicine and keeping up with the latest news. Electronicization of medical documents reduces the work of medical staff and creates the possibility of remote access to information about the patient. Recently, the use of mobile applications has become very popular among medical students and medical workers [3].

In each family doctor's office, family polyclinic and district (city) multidisciplinary central polyclinic, one IT (information technology) operator-nurse position will be introduced. Free training sessions are organized to improve their computer literacy.

Training of medical personnel is carried out in the form of direct (training according to educational programs) and indirect (as a rule, training without educational programs) [6].

Direct forms include general and thematic improvement (improvement) of skills.

Indirect forms include:

-internship (sending a business trip to the workplace);

- distance education:
- - independent improvement of one's knowledge;
- exchange of experience;
- participation in seminars, meetings and conferences of specialists;
- study in information technology mastery courses.

An electronic database of every citizen is created and work is carried out on this basis. Today, most of the time of medical workers is spent on paperwork and filling out redundant documents, but digitalization will ensure that medical workers spend more time with patients.

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In accordance with the plan to provide state medical institutions with modern computer equipment in 2021-2023, 17,400 modern computer equipment will be purchased for state medical institutions by the end of 2021. These computers are given to family doctor's offices, family polyclinics and district (city) multidisciplinary central polyclinics.

In the video selector held on November 3, 2021 under the leadership of Shavkat Mirziyoyev, it is planned to allocate 70 trillion soums to the education and medical system in 2022. According to him, it was planned to allocate 58 trillion soums to the education and medical system from 2022. The president proposed to allocate 12 trillion soums in addition to this amount. It is no exaggeration to say that the goal is to develop and digitize these two areas [8].

In short, the policy of digitization in the field of medicine, first of all, serves to create convenience for the population, sharply reduce red tape, bureaucracy and corruption in the field, fundamentally improve the quality of medical services, and ultimately bring the medicine of our country to the level of world standards.

I am sure that the importance of this topic and the improvement of the work efficiency of doctors and the ease of patients' problems, the saving of time and money will be a motivation [6].

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