TOSHKENT TIBBIYOT AKADEMIYASI
«YOSH OLIMLAR TIBBIYOT JURNALI»

TASHKENT MEDICAL ACADEMY
«MEDICAL JOURNAL OF YOUNG SCIENTISTS»

ТАШКЕНТСКАЯ МЕДИЦИНСКАЯ АКАДЕМИЯ
«МЕДИЦИНСКИЙ ЖУРНАЛ МОЛОДЫХ УЧЕНЫХ»

IXTISOSLASHUVI: «TIBBIYOT SOHASI»

ISSN 2181-3485

Mazkur hujjat Vazirlar Mahkamasining 2017 yil i5 sentabrdagi 728-son qarori bilan tasdiqlangan O'zbekiston Respublikasi Yagona interaktiv davlat xizmatlari portali to'g'risidagi nizomga muvofiq shakllantirilgan elektron hujjatning nusxasi hisoblanadi.

№ 1 (06), 2022

Jurnaldagi nashrlar O‘zbekistonda va xorijda ilmiy darajalar uchun dissertatsiyalar himoya qilinganda chop etilgan ishlar deb hisoblanadi.

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YANGI PEDAGOGIK TEXNOLOGIYALAR

DALILLARGA ASOSLANGAN TIBBIYOT

YANGI PEDAGOGIK TEXNOLOGIYALAR

UDC 61:378.147.3 (07.07)

THE RELEVANCE OF THE INTRODUCTION OF DIGITAL MEDICINE SKILLS IN THE LEARNING PROCESS OF MEDICAL UNIVERSITY STUDENTS

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With the rapid development of science and technology, the needs of people also increase. Yesterday's inventions, which seemed like a miracle, today have become commonplace and are a means of facilitating everyday life. At the same time, the role of modern information and communication technologies is important. The transformations taking place today in the medical field, aimed at improving the standard of living of the population, strengthening their health and ensuring high life expectancy, are paramount.

In accordance with the order of the Ministry of Health on the commissioning of an automated information system (AIS) for a single electronic registration and making an appointment with a doctor via the Internet “Electronic Polyclinic” dated August 17, 2017, centralized databases have been created in many family clinics in Tashkent, a system of electronic outpatient charts and case histories. Through the official website of the Ministry of Health (reg.minzdrav.uz and ssv.uz), citizens can make an appointment with a doctor, get information about the doctor and the institution. Patients can evaluate the quality of received medical services [4].

In accordance with the Decree of the President of the Republic of Uzbekistan dated June 20, 2017 No. PP-3071 “On measures to further develop the provision of specialized medical care to the population of the Republic of Uzbekistan in 2017-2021”, the Electronic Polyclinic system was launched. "Electronic Polyclinic" is one of the most important projects developed and implemented by the Center for the Development of Information and Communication Technologies.

With the help of this system, the population can make an appointment with a doctor at a convenient time without leaving home, get information about the institution and doctors in their area, and also evaluate the quality of medical services received. The advantages of this system for polyclinics are automated data recording, the possibility of maintaining a single electronic outpatient medical record in family polyclinics. Also, this system has a number of features: the formation of information about the location of medical institutions and their mode of operation; introduction of the electronic service "Make an appointment with a doctor"; scheduling work of doctors.

To date, according to the Ministry of Health of the Republic of Uzbekistan, 423 institutions are connected to the "Electronic Polyclinic" information system, of which: 167 family polyclinics, 168 multidisciplinary polyclinics, 19 regional (children's) multidisciplinary medical centers, 69 regional DPM and branches of centers. The number of patient data collected reached 8,412,211. The information system "Electronic Polyclinic" allows medical workers to increase work efficiency and transparency of information. As of February 15, 2021, the number of system users ex-

ceeded 10,000 people. The number of indicators listed above has been increasing over the years. However, there are a number of challenges facing the improvement of the eHealth system today. In particular, some medical institutions do not have complete computer equipment, high-quality Internet access, doctors do not have enough skills to use the system, etc. Necessary measures are being taken to eliminate these shortcomings and problems, and in the near future the system will be available in in the form of a mobile application [5].

Given the above, for the effective operation of e-health, a radical improvement in the level of training of medical personnel is necessary. An urgent task in the process of modernizing the modern educational process in a medical university is the introduction of a system of active teaching methods based on Hi-Tech technologies into the educational process.

Already now, for the convenience of patients and doctors, all documents are being converted into electronic form. The ability to make an appointment with doctors not only at the reception, but also through special terminals in clinics and on the Internet, of course, significantly saves the patient's time and effort. The means of information and communication technologies in the e-medicine system should ensure the timely and reliable exchange of information necessary for the provision of e-medicine services.

The introduction of e-health into practice in the Republic of Uzbekistan is characterized by the reorientation of modern medical education at the university to a personal and competence-based approach. It is a priority and provides for the modernization of the education system through the introduction of training elements based on the formation of basic competencies that allow graduates to independently acquire knowledge that is as close as possible to practical healthcare.

From this point of view, great emphasis is placed on the practical training of specialists in the field of e-health, since students who have completed a bachelor's degree, i.e. future family doctors who have received a diploma immediately begin practical work in primary health care. Today, given the development and implementation of e-health, medical students and the teaching staff of medical universities are concerned about the peculiarities of preparing students at graduating departments. In this regard, medical universities need to actively develop and conduct training sessions to facilitate the adaptation of students to the new rules for organizing the healthcare system. [3].

The use of electronic documents in the practice of medical personnel, in particular a doctor, especially in primary health care, is important in improving the quality of medical care to the population. The introduction of electronic medical outpatient records and case histories in a test mode is currently used in several clinics and hospitals of the Republic of Uzbekistan.

Due to the use of a variety of replenishable directories and templates, entering data on cases of patient care in an electronic medical record takes much less time than when manually filling out outpatient cards and case histories. In addition, with its implementation, the problem of transporting documents from one medical organization to another is eliminated, the degree of protection of patients' personal data is increased - this ensures a high-quality exchange of information necessary for the provision of e-medicine services. [1].

Currently, students studying at the clinical bases of medical institutes are trained in the rules for maintaining medical records in paper form. We are faced with the task of full-scale introduction of electronic resources into the learning process of graduating students, which will allow you to quickly find existing and add new information about all cases of medical care provided to the patient, as well as automatically generate medical documents.

Based on modern telemedicine innovative computer technologies, to train 6th year students of the Faculty of Medicine in the following skills: opening an electronic outpatient card and entering the patient's passport data; entering complaints and anamnesis, the results of an objective examination, diagnosis; appointment in the electronic patient record of laboratory and instrumental examinations for the patient; prescription of treatment for this patient. To increase professional and educational motivation, early readiness of students for practical activities in primary care.

Conclusions. The introduction of the course "Electronic Polyclinic" into the process of teaching undergraduate students of the 6th year of the Faculty of Medicine will increase and strengthen the readiness of students for medical practice in primary health care. As the confidence in their preparedness for their work increases, so will the motivation for learning, as well as for the professional activities of students. Therefore, it is very important to develop and improve training courses on working with electronic resources, especially in medical institutes of our republic.

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