PEDAGOGICAL NEED OF THE METHODOLOGY FOR THE DEVELOPMENT OF COMPETENCY OF THE CREATION OF ELECTRONIC METHODOLOGICAL SUPPORT OF FUTURE DOCTORS

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Annotation: *Modern medical sciences require extensive use of information technologies. By developing the competence to create electronic methodological support, future doctors will have the opportunity to use modern technologies in their professional activities.*

Keywords: *pedagogue, modern education, computer, programming, programming languages, informatization, methodological support.*

One of the biggest problems of Educators of the world is the simplification of the teaching process, the improvement of the level of knowledge of students, the development of many forms of education and methods for their deep mastery of science. In accordance with the law of the Republic of Uzbekistan"on education", the decree of the president of the Republic of Uzbekistan dated October 8, 2020" on approval of the concept of development of the higher education system until 2030 " PF–5847 and PQ-2909 on measures for the further development of the higher education system in 2018, ensuring continuity and consistency of educational stages, creating a modern methodology of education, improving, the development and implementation of a new generation of educational and methodological complexes and the further improvement of the system of retraining pedagogical personnel and their professional development will take place.

The pedagogical need for the methodology for the development of the competence of future doctors to create electronic methodological support is based on:

1.**Digitization of medical education**-modern medical sciences require extensive use of Information Technology. By developing the competence of creating electronic methodological support, future doctors will have the opportunity to apply modern technologies in their professional activities.

2.**It is necessary to develop interactive learning resources for students and patients** – skills for developing interactive textbooks, video tutorials, simulations and other electronic materials for doctors. This serves to improve the effectiveness of the educational process.

3.**Expanding the possibilities of distance and self-education** – e-learning materials provide a convenient opportunity for doctors to independently develop their knowledge and skills. This is especially important in the context of the development of distance education systems.

4.**Visualization of medical sciences**-through electronic methodological support, the opportunity arises to explain complex medical concepts using graphics, videos and animations. This makes the learning process much more efficient.

5.**Specialists with competence in integration into international educational and medical information systems** – the creation of electronic methodological materials will have the opportunity to cooperate with international educational programs and scientific communities.

6.**Development of Science and innovation in medicine** – through the development of e-learning resources, the possibility of developing innovative approaches in medicine, the introduction and implementation of new educational technologies increases. Therefore, the development of the competence of future doctors to create electronic methodological support is a

pedagogically relevant problem, which serves to improve the quality of modern medical education.

Improving the methodological support of “Information Technology in Medicine” on the basis of modern innovative technologies and generating knowledge and skills in students, taught in the directions of medical higher education institutions, is the main task set before teachers.

O.N.Volik and E.A SuleymanovaIn their research, the suleymanovas have shown that the term” methodical provision " is used in pedagogy in a more homogeneous context. The first, as a process and the second as a result.

Methodological support as a process consists in the Planning, Development and creation of the optimal system of educational and methodological materials and educational institution, which are necessary for the effective organization of the educational process of the time and content established in the educational program.

Methodological support in the quality of the result is manifested as the sum of all educational and methodological materials that support and implement the systematic implementation of the educational process: teaching methodologies, educational plan, curricula, teaching aids and other documents.

G.A.Kudinova divided the methodological provision of the educational process into two types. The first is the general methodological provision (UMT) and the second is the educational-methodological complex (OECD).

General methodological support (UMT) contains regulatory documents, scientific and methodological support for the Planning, Development, creation of the most effective system of educational and methodological tools, the preparation of highly qualified personnel with them.

The methodological support of the Science” Information Technology in medicine " includes comprehensive documents, theoretical and practical materials, electronic resources and assessment systems for the effective organization of the educational process. This science serves to teach

the possibilities of effective use of Information Technology of modern medicine.

The methodological support for teaching" Information Technology in medicine " in an e-learning environment is made up of educational-methodological materials, interactive textbooks, practical simulations, electronic information resources and assessment systems. This serves to develop the skills of students to work with medical information systems, to teach the application of modern technologies in medicine.

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