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Research of Influence of Informatively-Communication Technologies Is in Structural Subdivision of Higher Educational Establishment

Professor **Korniychuk O. P.**¹, Associate Professor **Nemchenko O. O.**¹, Assistant **Melnyk O. V.**¹

¹Danylo Halytsky Lviv National Medical University, Ukraine

Abstract

Background:

The rapid development of automation based on software can affect to the future of many professions and these risks we must be taken into consideration when forming a new modern specialist.

Ukrainian medical education is not weak in comparing to other educational systems, but specialists of which we prepare must be the competitive in the world market of services.

This can lead to the destruction of the stereotypes the traditional educational field but at the same time makes it possible to use of a variety of up-to-date information technologies.

The questions arise whether the specialists of the long-distance learning really will be competitive?

Is whether an educational base tallying the requirements of the market?

To answer a number of questions should be analyzed in detail what is included in the concept of the long-distance learning, what are the prospects for development.

Purpose: study of the scientific literature that relating to implementation the distance learning in the medical field of Ukraine and own experimental experience.

Results:

There are several systems for long-distance learning in Ukraine but the most popular are: Moodle, Ilias. The principle of their operation is standard – the distribution of the curriculum to the courses. The Department of Microbiology of Danylo Halytsky LNMU offers students the opportunity to improve the system of a study on the theoretical course, using modern information technology. In practice today, there are many problems in the development of distance learning with what the staff faced, namely to distrust followers of a traditional forms of education, which is connected with a number of reasons from the banal, it is a poor knowledge of a computer equipment, and not willing to work on their own. To the develop of a distance programs for a student-doctor, the compulsory component of which it is the preparation and approval of the program of long-distance learning. Therefore, it is necessary to create conditions for information provision of educational institutions. In addition, in the conditions of modern differentiation of educational institutions, distance learning is only a normative benchmark for which algorithms and

protocols need to be developed. Therefore, practical classes at the department of microbiology of Danylo Halytsky LNMU are a combination of traditional approaches with modern innovative technologies. In particular, the focus is on the main aspects of the work of a bacteriologist, namely, early diagnosis in accordance with modern standards and protocols.

The educational process uses the situational tasks of thematic patients, test' s of four level of difficulty, video materials, case-technology, multimedia presentations. During the lecture, the students receive audiovisual the information material through telecommunication equipment as in the synchronous mode SMOCs-Online course with open access. Students can ask questions in real time. So and in asynchronous, MOOCs- an online course where students receive audiovisual recording of the lecture material. In addition, the staff of the Department of Microbiology work on the development and implementation of the idea of computer simulation. Its main content is to educate of the practical skills of unmistakable differential diagnosis of clinically similar microorganisms and establish the correct diagnosis.

Conclusions:

As result of the work of the staff of the department obtained several general conclusions: the first, the operational updating of methodical materials on electronic media facilitates and simplifies the training system of a narrow specialist. Automated evaluation of test tasks, the self-dependent and individual work of students with the formation of a journal of success provides the efficiency of distance learning.

Information about the authors:

Korniychuk Olena Petrivna – Doctor of Medical Sciences, Professor of the Department of Microbiology, Danylo Halytsky Lviv National Medical University, Lviv, Ukraine.

Research interests: interactive learning, the formation of educational technology; <https://orcid.org/0000-0003-4885-0525>.

Nemchenko Oleh Oleksandrovich – Doctor of Philosophy in Medicine, Associate Professor of the Department of Microbiology, Danylo Halytsky Lviv National Medical University, Lviv, Ukraine.

Research interests: education and training, the formation of educational technology; <https://orcid.org/0000-0003-0437-8898>.

Melnyk Oksana Volodymyrivna – Doctor of Philosophy in Medicine, Assistant of the Department of Microbiology, Danylo Halytsky Lviv National Medical University, Lviv, Ukraine.

Research interests: education and training, the formation of educational technology; <https://orcid.org/0000-0002-2097-596X>.

Corresponding Author:

Melnyk Oksana Volodymyrivna

Corresponding Author's Email:

Viruszet8@gmail.com