

New approaches to organization of on-line education and examination on the example of analytical chemistry at the Belarusian State Medical University

V.N. Belyatsky, N.D. Yarantseva

Belarusian State Medical University, Minsk, Belarus,

e-mail: vbelyatsky@mail.ru

Now the organization of on-line forms of education is becoming especially actual, taking into account quarantine measures, or the influence of natural factors. The involvement of computer technologies in the assessment of knowledge can significantly reduce the influence of negative factors. BSMU uses Learning Management System Moodle (modular object-oriented learning environment), which is an open source, free to download, flexible user-friendly e-Learning platform, supported by a global community. Within the framework of this system, an electronic educational methodological complex (EEMC) was developed for each subject. The structure of the EEMC for each subject contains such sections as the normative documents of the discipline, a lecture course, a description of laboratory classes, methods of knowledge test control, general criteria assessments of knowledge on tests and exams, a list of basic and additional literature. This system allows us to control knowledge at each classes [1]. The created approach was useful in organizing distance learning for students. In fact, we can talk about the on-line form of teaching. In the latter case, feedback is carried out between the lecturer and the trainees. In preparation for distance teaching, virtual classrooms were created. Working in a virtual classroom made it possible to conduct a video conference or chat. Thus, learning becomes interactive, which is based on psychological mechanisms for enhancing the influence of the group on the process of assimilation by each participant of the experience of mutual learning and interaction. Thus, they can be characterized as methods of encouraging students to interact with each other under the supervision of a teacher. Since the distance learning system was introduced at the end of the spring semester, in fact, the basic practical skills have already been largely acquired. From the point of view of practice-oriented education at BSMU, a scientific-practical conference of young scientists with international participation "Actual problems of modern medicine and pharmacy" is held annually. The adopted approaches to the organization of the educational process and research work at BSMU significantly expand the horizons of students, contribute to increasing motivation to study specialized and special disciplines and the formation of solid knowledge in the subjects studied.

References

- [1] V.N. Belyatsky, O.N.Ryneiskaya. Sviridov Reading (2018) 8: 190