

**MODERN METHODS OF INCREASING THE COGNITIVE  
ACTIVITY OF FOREIGN STUDENTS OF THE PEDIATRIC  
FACULTY OF A MEDICAL UNIVERSITY**

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**Abstract:** The article analyzes the problems associated with teaching foreign students at the Bashkir State Medical University. The latest information, communication and innovative simulation technologies aimed at providing medical care to the children's population, included in the process of teaching foreign students, are highlighted.

**Keywords:** medical education, pediatrics, foreign students

The integration of the modern Russian system of higher medical education into the international educational space poses new challenges and conditions for the adaptation of educational services to the leadership of the university and the teaching staff [2, 4, 5]. Education of foreign students is an indicator of the status of an educational institution, increases the competitiveness of the university in the international arena [1, 3]. Getting an education in Russia is very attractive for students from different countries, which is associated with a relatively inexpensive cost of education, an affordable standard of living, a friendly attitude of the population, and tolerance for various religious views of foreigners.

Thus, the influx of foreign students poses a number of important problems for the medical university related to the adaptation of foreign students to the educational process, requiring immediate solutions and an individual approach.

Today, more than 2,358 foreign citizens from 54 countries of the world study at the Bashkir State Medical University. Basically, these are students from Egypt, India, the countries of Central and Central Asia and Africa. Therefore, the university approaches the training of teaching staff with a great deal of responsibility. To this end, at Bashkir State Medical University, on a permanent basis, teachers are trained in English, during which they comprehend the grammatical foundations of the language, study special medical terminology, and learn to communicate freely with foreign students. At the same time, this contributes to an increase in the erudition and cognitive abilities of the teacher, provides an opportunity to attend and make presentations at international conferences and symposiums abroad [7, 9].

In our opinion, one of the fundamental problems of teaching foreign students is the formation of groups taking into account caste and religious affiliations. Therefore, teachers of a medical university should know the features of life and life, manners of communication, religious views, culture of different countries in order to build trusting relationships with students.

One of the key roles in the preparation of foreign students on the basis of Bashkir State Medical University is played by the latest computer technologies - the websites of the university and departments, plans, methodological development of lectures, practical exercises, independent work, topics for individual work, work in the library with electronic resources, textbooks and medical periodicals etc. During classes in computer classes, role-playing educational games, distance learning, testing, working with cases, using interactive Padlets and Trello boards are used. These digital technologies are used with great success in teaching foreigners. They are understandable, visual, arouse interest in teaching and research activities [6, 8].

One of the attractive opportunities for foreign students to get an education at Bashkir State Medical University is the openness in mastering practical skills at the bedside with their previous development on modern simulators.

On the basis of the Department of Polyclinic and Emergency Pediatrics with a course Institute of Additional Professional Education course of the Bashkir State Medical University,

simulation training is conducted for foreign students to master the skills of providing emergency and emergency care to children in a critical situation. During the lesson, the student is offered a simulated practical situation (for example, anaphylactic shock, obstruction of the upper respiratory tract, etc.) for providing emergency care to a child of a certain age with a full range of resuscitation, therapeutic measures and further routing of the patient. A foreign student masters the skills of an objective examination of a patient, vital in real medical practice, the use of basic cardiopulmonary resuscitation techniques on a specialized simulator - animated Anna using a portable device SimPad Plus. During the master class, the student determines the signs of a child's life, identifies the causes of respiratory and circulatory disorders, masters the technique of artificial respiration and indirect heart massage of the patient, taking into account the specifics of cardiopulmonary resuscitation in children.

The provision of first aid to eliminate obstruction of the upper respiratory tract is carried out using the traditional Heimlich maneuver. The technique is not complicated, it is carried out by developing the technique of removing a foreign body from the upper respiratory tract using a special mannequin-simulator.

During the practice of practical skills on phantoms, the teacher can evaluate the effectiveness of the implementation of practical skills, together with the student, analyze the mistakes made and develop the correct technique during the training.

As a result of the symbiotic use of digital technologies and simulation techniques, we assume that students will develop the skills necessary for further work in providing emergency care to children at the prehospital and hospital stages.

Thus, the medical education of foreign students is a multifunctional task, in which the leading role is assigned to the competence and motivational abilities of the teacher, who must prepare a highly qualified specialist, adapted not only to independent work, but also to certain working conditions in his native country.

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## DIGITAL TOOLS IN LEARNING STUDENTS OF PEDIATRIC FACULTY

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**Abstract:** The article discusses digital technologies that can be used for interactive teaching of graduate students of the pediatric faculty. We will demonstrate the benefits of using virtual boards in education.

**Keywords:** Miro, Trello, Padlet, virtual boards, digital tools, digital learning, interactive teaching, education, pediatric, students.

Modern education must necessarily use various digital technologies, the knowledge and skillful application of which demonstrates a competent approach to teaching. Skills in using digital tools are necessary at all stages: working with documentation, designing presentations, presenting lecture material, conducting practical exercises and monitoring knowledge development. Important in the work of a teacher is not only an interesting and accessible presentation of content, but also the involvement of students in the educational process. The interactive work of students creates personal interest and in many ways improves the quality of education, turning static classes into a dynamic learning process. Students at the same time move from passive listeners to active creators.

Virtual interactive whiteboards are one of the most popular digital technologies in education. This intelligent technology opens up a wide range of learning opportunities for both students and educators.

Here is a list of the most important benefits of using a virtual whiteboard in teaching:

- possibility of joint work, unite the team to complete the task;
- have a simple and intuitive interface;
- make the learning process more visual through visualization;
- students can save any whiteboard content and share it via social media, email, or a link to a resource.
- allow you to monitor the progress of the project online;
- universal in use: at lectures, practical classes or for independent work.

There are many different types of virtual interactive whiteboards. We will talk about some of them.

**Miro** is an online application designed for use in education and is compatible with all devices, operating systems and browsers (pic.1). Like all virtual whiteboards, it allows you to place any content necessary for learning: images, documents, files and videos, allows you to share educational materials and save everything you need in one place [1,6].