



EMPLOYING CONTEMPORARY TECHNOLOGIES FOR TEACHING RUSSIAN LANGUAGE AT A MEDICAL UNIVERSITY: EVALUATING THE EFFICACY OF DIGITAL TOOLS AND ONLINE PLATFORMS

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Abstract

The presented article examines the application of contemporary digital technologies in the instruction of the Russian language at a medical university. It analyzes key digital resources and online platforms that enhance the educational process's effectiveness, including interactive applications, electronic textbooks, learning management systems (LMS), and specialized language training tools. The study places significant emphasis on evaluating the effectiveness of these resources through pedagogical and linguodidactic criteria, as well as their influence on the development of language competence tailored to professional needs among medical students. The findings of the research lead to the formulation of methodological recommendations for the incorporation of modern technologies into the educational framework, alongside examples demonstrating their successful implementation in teaching practices.

Keywords: Teaching Russian, medical university, digital technologies in education, distance learning, online education, electronic textbooks, effectiveness of online learning, interactive simulators, communication skills of a doctor, online platforms for learning, digital educational resources (DER), student achievements.

Introduction

A new educational framework is currently being developed in Uzbekistan, marking a shift from conventional information delivery methods to the integration of information and communication technologies [1].

Modern technological advancements are significantly reshaping the educational landscape, enhancing accessibility, interactivity, and adaptability to student needs.



In medical universities, where extensive theoretical knowledge and practical skills are essential, proficiency in the Russian language is particularly important for international students. The incorporation of digital resources and online platforms enhances the effectiveness of language learning, facilitates professional communication, and improves familiarity with specialized terminology. Electronic educational tools enable students to engage in more comprehensive practical exercises from home, ranging from virtual museum tours to laboratory experiments, while also allowing for immediate assessment of their knowledge, skills, and competencies. This approach transforms homework into a more immersive and multidimensional experience, akin to the difference between a low-resolution photograph and a three-dimensional holographic image [2].

Modern technologies in teaching Russian language

Digital tools for teaching the Russian language encompass a wide range of formats, including interactive platforms, mobile applications, multimedia presentations, and electronic textbooks. A key benefit of these tools is their capacity to tailor the educational experience to meet the unique needs of each learner. For instance, software that automatically checks spelling and punctuation enables students to identify and rectify their own mistakes, fostering skills in self-regulation and self-assessment.

In the context of medical education, various digital technologies are employed to enhance the learning of Russian among medical students:

1. Online Russian language learning platforms:

- "Gramota.ru" and "Russian Language for Everyone" serve as reference and educational tools that assist in mastering grammar and spelling.
- "Stepik," "Coursera," and "EdX" offer Russian language courses created by prestigious universities.

2. Medical terminology dictionaries and applications:

- Resources such as "Medical Dictionary," "Multitran," and "MedEng" aid students in memorizing specialized vocabulary.
- Interactive applications that provide audio pronunciations support accurate pronunciation and comprehension of medical terminology.



1. Artificial Intelligence Systems and Chatbots
2. Chatbots and voice assistants, such as ChatGPT and Yandex Alice, can assist in learning medical terminology, simulate clinical conversations, and rectify speech inaccuracies.
3. Augmented and Virtual Reality (AR/VR)
4. The application of virtual reality technologies enables the simulation of medical consultations and clinical scenarios in Russian, thereby enhancing the development of professional communication skills.
5. Audio and Video Content
6. Video tutorials, podcasts, and webinars focused on the Russian language for healthcare professionals provide students with the opportunity to learn the language within a realistic professional context.

Assessment of Digital Resource Effectiveness

To assess the effectiveness of digital technologies in teaching Russian at a medical university, the following criteria can be established:

1. Student Engagement Level
2. The incorporation of interactive platforms enhances student motivation through elements of gamification, testing, and competition.
3. Enhanced Language Proficiency
4. Analyzing test and examination outcomes reveals that students utilizing digital resources exhibit a higher degree of language proficiency.
5. Improved Professional Communication
6. The implementation of specialized applications and virtual reality simulators aids in the better retention of medical terminology and the development of professional dialogues.
7. Flexibility and Accessibility of Learning
8. Online courses and mobile applications enable students to study at their convenience, which is particularly crucial for medical universities with demanding academic schedules.

Conclusion

The integration of contemporary digital technologies in the instruction of the Russian language at medical universities markedly enhances the effectiveness of



the educational experience. Digital platforms, mobile applications, virtual reality technologies, and artificial intelligence not only elevate language skills but also assist aspiring physicians in acclimating to their professional settings. The incorporation of these tools into the educational framework fosters the advancement of professional communication, thereby enhancing the quality of education and cultivating highly skilled specialists.

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