



## NEW PEDAGOGICAL TECHNOLOGIES FOR STUDYING LATIN LANGUAGE IN MEDICAL UNIVERSITIES

*Maxmurova Mavjuda Xalimovna*

*Asia International University, Bukhara, Uzbekistan*

*This article examines the use of new pedagogical technologies in the Latin language course program. Existing methods of teaching Latin in medical universities are analyzed. The need for using innovative approaches to teaching, including computer training, training using interactive methods, distance learning through video conferences, and extracurricular training is identified and substantiated.*

**Keywords:** *Latin language, pedagogical innovations, teaching methods, distance learning.*

An integral part of the professional competence of a future doctor is knowledge of medical terminology and the ability to use it. Terminological competence is laid in Latin classes, which is part of the integrated process of training future doctors. Teaching Latin as a foreign language has a centuries-old history, which has lasted for more than fifteen centuries and, of course, deserves detailed study [1]. The main objective of the subject "medical terminology" in a medical university is to help students to understand medical terminology as much as possible, to understand the structure of the term and its components, to acquire the skills of quickly and competently writing prescriptions, names of drugs, to highlight and explain frequency segments with a certain information content. This means that knowledge of terms of Greco-Latin origin, as well as the basics of Latin grammar, is an integral part of the education of students of medical universities, which they need when reading medical literature and studying special disciplines [2]. The problem of studying and teaching Latin has existed since the end of the 19th and beginning of the 20th centuries. Many researchers have developed and introduced new methods and techniques for teaching Latin into teaching methods. Research on the history of teaching Latin at universities



mainly concerned the humanities, for example, the problems of reviving Latin as a general educational discipline were studied by N.L. Katsman [1]. Historical aspects of a comparable method in the theory and practice of teaching Latin in classical departments of universities, the development and current state of the methodology for teaching standard grammar courses in classical languages were covered in the works of V.M. Shelkovoy [3], Ya.M. Borovsky [4], A. Musorin [5]. All of them offered something new in terms of methodological developments in teaching Latin. However, in today's demanding and rapidly changing environment, the level of higher education of future doctors will largely depend on the effectiveness of the implementation of innovative teaching technologies based on new methodological principles, modern didactic principles and psychological and pedagogical theories that develop a fundamentally new approach to teaching.

That is why the purpose of our article was to consider new pedagogical technologies for studying Latin in medical universities.

The purpose of studying the discipline "medical terminology" is to acquire the basics of professional competence by future doctors, in particular the ability to consciously and freely use modern medical terminology in Latin. That is why the main attention in classes is paid to theoretical and practical issues related to the principles of term formation, the emphasis is on the most

productive models of terms in all three (anatomical-histological, clinical, pharmaceutical) subsystems of medical terminology.

However, it should be noted here that the motivation of students when using traditional methods of teaching Latin is at an extremely low level. Methods that are based on memorizing terms and lexical rules, on the use of only textbooks, on a small number of practical lessons do not make it possible to convey to students the need to obtain new knowledge and improve the level of their language and speech training. This means that in the methods of studying the Latin language there is an urgent need to introduce new, modern pedagogical innovations, which can become a means of activating students' motivation, their active creative activity, and also encouraging their learning of the Latin language. Pedagogical innovations are the result of a



creative search for original, non-standard solutions to various pedagogical problems. The product of creative search can be new educational technologies, original educational ideas, forms and methods of education, non-standard approaches to management.

The priorities of pedagogy development today are: the dominant role of the creative, search principle at all stages of the educational process; individualization and differentiation of educational and cognitive activity of subjects of study; freedom of choice of life position, initial principles of worldview and faith; harmony of educational and educational and cognitive interaction of teachers and students.

Modern education, under the influence of scientific and technological progress and the information boom, has been in a state of continuous organizational reform and rethinking of established psychological and pedagogical values for quite a long time. Public need encourages teachers-scientists to search for new pedagogical ideas and technologies, to disseminate and implement advanced pedagogical experience.

Mastering new technologies of teaching and education requires the internal readiness of the teacher for serious activity on transformation, first of all, of himself.

The main concepts of innovative

technologies include [7]:

- non-standard lessons;
- individual work; - electives of students' choice (deepen knowledge);
- problem-based and modular learning;
- inviting scientists, cultural figures, and artists to lessons;
- scientific experiment when studying new material;
- using technological advances (computer classrooms, radio and television broadcasts and "Internet systems", multimedia technologies, etc.).

The introduction of innovative technologies also implies self-development of the teacher himself, requiring him to constantly improve his own knowledge and





skills, whether it be: studying specialized literature; analyzing the pedagogical experience of innovative teachers; developing a plan for the implementation of new technology, etc.

An analysis of the available literature shows that today higher education institutions with a medical profile are introducing the following modern pedagogical technologies: computer training, training using interactive methods, distance learning through video conferencing, extracurricular training [8-10]. One of the promising areas of work in the system of new pedagogical teaching of the Latin language is an integrated approach to solving the main problems that are combined in this system. This is possible thanks to a certain “symbiosis” of a complex of technologies with high didactic potential and telecommunication technologies, which, as we have already mentioned earlier, include computer training, multimedia technologies and methods of intensive teaching of the Latin language.

Research in the field of the latest pedagogical technologies confirms that the potential of computer and distance learning can be most effectively used in the study of any foreign languages, including Latin. All these methods include: active language discussion, intensive mental activity and collective activity.

Thus, the latest information technologies in education allow for more active use of the scientific and educational potential of leading universities and institutes, attracting the best teachers to create distance learning courses, and expanding the audience of students. All this leads to an increase in the level of students' motivation to study the Latin language course and a significant increase in the students' linguistic competence.

#### **LITERATURE:**

1. Mavlonova, U. K., & Maxmurovna, M. K. (2020). The introduction of irony in english and uzbek terature. *International Engineering Journal For Research & Development*, 5(3), 4-4.
2. Абдуллаева, Л. С., Самадова, С. А., & Махмурова, М. (2014). Современные методы преподавания иностранных языков. Коммуникативный метод. *Наука. Мысль: электронный периодический журнал*, (6), 73-76.



3. Khamdamovna, M. U., & Khalimovna, M. M. (2020). ANALYSIS OF SITUATIONAL IRONY IN LITERATURE. *Academy*, (11 (62)), 26-27.
4. Mavlonova, U. K., Makhmurova, M. K., & Kodirov, T. D. (2020, June). Description of art media in literature. In LXIV International Correspondence Scientific and Practical Conference "European Research: Innovation in science, education and technology» June (pp. 5-9).
5. Halimovna, M. M. (2020). The importance of a foreign language in higher education. *Вопросы науки и образования*, (8 (92)), 15-19.
6. Halimovna, M. M. (2020). LINGUISTIC BASIS OF TEACHING ORAL COMMUNICATION OF STUDENTS IN GERMAN LANGUAGE LESSONS. *BRIDGE TO SCIENCE: RESEARCH WORKS*, 65.
7. Tashpulatovna, B. V., Halimovna, M. M., & Tashpulatovich, B. M. (2021, November). Chet Tili O 'Pgatishda O 'Yin-Mashqlarning Roli. In " *ONLINE-CONFERENCES" PLATFORM* (pp. 139-144).
8. Halimovna, M. M. (2020). MODERN APPROACHES TO LEARNING A SECOND LANGUAGE. *Scientific reports of Bukhara State University*, 4(1), 182-185.
9. Khalimovna, M. M. (2021). The Role of Hadiths in Education and Upbringing. *CENTRAL ASIAN JOURNAL OF LITERATURE, PHILOSOPHY AND CULTURE*, 2(10).
10. Halimovna, M. M. (2021). The Role of Features of Linguocountrylearning in Teaching English. *Central Asian Journal of Literature, Philosophy and Culture*, 2(10), 64-68.
11. MAKHMUROVA, M. K. (2021, March). GRAMMATICAL CATEGORIES IN GERMAN AND UZBEK. In *E-Conference Globe* (pp. 118-123).
12. Махмурова, М. Х. (2021). METAFORALAR NUTQ SHAKLI SIFATIDA. *МЕЖДУНАРОДНЫЙ ЖУРНАЛ ИСКУССТВО СЛОВА*, 4(1-1).
13. A'zamovna, A. R., Halimovna, M. M., & Bakhtiyorovna, N. M. (2019). The matter of equivalence in English and Uzbek proverbs. *Test Engineering and Management*, 81(11-12), 1632-1637.



14. Makhmurova, M. H. (2024). Applications of the Latin Language in Speech. *American Journal of Alternative Education*, 1(8), 59-63.
15. Махмурова, М. Х. (2024). Теоретико-Литературное Развитие Учащихся При Изучении Басен. *Miasto Przyszłości*, 54, 1032-1035.
16. Makhmurova, M. (2021). ЎҚУВЧИ БИЛИШ ФАОЛИЯТИНИ ФАОЛЛАШТИРИШДА ИЖОДИЙ ГРАФИК МАСАЛАЛАРНИ Auto CAD ДАСТУРИ АСОСИДА ЕЧИШ. *ЦЕНТР НАУЧНЫХ ПУБЛИКАЦИЙ (buxdu.uz)*, 3(3).
17. BABAYEVA, V. T., MAKHMUROVA, M. H., & NAZAROVA, G. K. (2021, March). Studying language as the second language learners. In *E-Conference Globe* (pp. 89-94).
18. Nozima, S. (2023). CLINICAL AND PATHOGENETIC ASPECTS OF THE COURSE AND TREATMENT OF HYPERTENSION. *EUROPEAN JOURNAL OF MODERN MEDICINE AND PRACTICE*, 3(11), 25-29.
19. Erkinjonovna, S. N. (2024). THE RELATIONSHIP BETWEEN FOOD AND BLOOD PRESSURE. *EUROPEAN JOURNAL OF MODERN MEDICINE AND PRACTICE*, 4(4), 191-197.
20. Sharapova, N. (2023). ARTERIAL GIPERTENZIYA VA SEMIZLIK KASALLIKLARINING O'ZARO BOG'LIQLIK SABABLARI VA METABOLIK SINDROMLAR. *Центральноазиатский журнал образования и инноваций*, 2(11 Part 2), 174-179.
21. Шарапова, Н. (2023). КЕКСА ВА ҚАРИ ЁШЛИ АЁЛЛАРДА БЕЛ АЙЛАНАСИНИНГ ЖИСМОНИЙ ФАОЛЛИК БИЛАН БОҒЛИҚЛИГИ ҚИЁСИЙ ТАҲЛИЛИ. *Центральноазиатский журнал образования и инноваций*, 2(12 Part 2), 127-133.
22. Erkinjonovna, S. N. (2023). DIABETES MELLITUS IN PREGNANT WOMEN. *Best Journal of Innovation in Science, Research and Development*, 110-116.





23. Erkinjonovna, S. N. (2024). CHARACTERISTICS OF DENTAL PROSTHESES WEARING IN PATIENTS WITH TYPE 2 DIABETES ACCORDING TO KIDNEY IMPAIRMENT. *PEDAGOG*, 7(1), 84-88.
24. Erkinjonovna, S. N. (2024). THE BEST WAYS TO CONTROL HIGH BLOOD PRESSURE WITHOUT MEDICATION. *Journal of new century innovations*, 47(2), 175-183.
25. Sharapova, N. E. (2024). MODERN DIAGNOSTICS OF RESISTANT ARTERIAL HYPERTENSION. *EUROPEAN JOURNAL OF MODERN MEDICINE AND PRACTICE*, 4(11), 436-442.
26. Sharapova, N. E. (2024). Acute Bronchitis: Causes, Symptoms, and Treatment with Home Remedies. *American Journal of Bioscience and Clinical Integrity*, 1(10), 77-84.
27. Qizi, R. S. S., Shukhratovna, T. S., & Karamatovna, M. A. (2024). Implementation of Education and Protection of Children's Rights in the age of Technology. *SPAST Reports*, 1(7).
28. Караматовна, М. А. (2023). ФОРМИРОВАНИЕ В ЯЗЫКОЗНАНИИ ТЕОРИИ СЕМАНТИЧЕСКОГО ПОЛЯ.
29. Musayeva, A. (2023). MADANIYATSHUNOSLIK YONDASHUVI ASOSIDA TALABA-YOSHLARNING KOMMUNIKATIV KOMPETENSIYALARINI RIVOJLANTIRISH. *Science and innovation*, 2(Special Issue 9), 97-99.
30. Musayeva, A. (2023). RUSSIAN LANGUAGE IN AN INTERCULTURAL ENVIRONMENT. *Modern Science and Research*, 2(4), 182-186.
31. Musayeva, A. (2024). SCIENTIFIC AND THEORETICAL BASIS OF INCREASING THE QUALITY OF THE HIGHER EDUCATION PROCESS BASED ON INNOVATIVE APPROACHES. *Modern Science and Research*, 3(2), 624-633.
32. Karamatovna, M. A. (2024). Formation of Students Communicative Competence. *Information Horizons: American Journal of Library and Information Science Innovation (2993-2777)*, 2(1), 156-164.



33. Мусаева, А. (2023). Инновацион технологияларнинг қўлланилиши орқали университет талабаларида касбий коммуникатив компетенцияни шакллантириш. *Центральноазиатский журнал образования и инноваций*, 2(12), 51-58.
34. Musaeva, A. (2023). THE HARMONY OF MAN AND NATURE IN THE WORK OF PAUSTOVSKY. *Modern Science and Research*, 2(6), 113-115.
35. Karamatovna, M. A. (2024). Oliy ta'lim jarayoni sifatini innovatsion yondashuvlar asosida oshirishning ilmiy-nazariy asoslari.
36. ERGASHEVA, G. T. (2024). OBESITY AND OVARIAN INSUFFICIENCY. *Valeology: International Journal of Medical Anthropology and Bioethics*, 2(09), 106-111.
37. Ergasheva, G. T. (2024). Modern Methods in the Diagnosis of Autoimmune Thyroiditis. *American Journal of Bioscience and Clinical Integrity*, 1(10), 43-50.
38. Tokhirovna, E. G. (2024). COEXISTENCE OF CARDIOVASCULAR DISEASES IN PATIENTS WITH TYPE 2 DIABETES. *TADQIQOTLAR. UZ*, 40(3), 55-62.
39. Toxirovna, E. G. (2024). DETERMINATION AND STUDY OF GLYCEMIA IN PATIENTS WITH TYPE 2 DIABETES MELLITUS WITH COMORBID DISEASES. *TADQIQOTLAR. UZ*, 40(3), 71-77.
40. Toxirovna, E. G. (2024). XOMILADORLIKDA QANDLI DIABET KELTIRIB CHIQUARUVCHI XAVF OMILLARINI ERTA ANIQLASH USULLARI. *TADQIQOTLAR. UZ*, 40(3), 63-70.
41. Toxirovna, E. G. (2024). QANDLI DIABET 2-TIP VA KOMORBID KASALLIKLARI BO'LGAN BEMORLARDA GLIKEMIK NAZORAT. *TADQIQOTLAR. UZ*, 40(3), 48-54.
42. Tokhirovna, E. G. (2024). MECHANISM OF ACTION OF METFORMIN (BIGUANIDE) IN TYPE 2 DIABETES. *JOURNAL OF HEALTHCARE AND LIFE-SCIENCE RESEARCH*, 3(5), 210-216.
43. Tokhirovna, E. G. (2024). THE ROLE OF METFORMIN (GLIFORMIN) IN THE TREATMENT OF PATIENTS WITH TYPE 2 DIABETES





MELLITUS. *EUROPEAN JOURNAL OF MODERN MEDICINE AND PRACTICE*, 4(4), 171-177.

44. Эргашева, Г. Т. (2024). Эффект Применения Бигуанида При Сахарным Диабетом 2 Типа И Covid-19. *Research Journal of Trauma and Disability Studies*, 3(3), 55-61.

45. Toxirovna, E. G. (2024). QANDLI DIABET 2 TUR VA YURAK QON TOMIR KASALLIKLARINING BEMOLARDA BIRGALIKDA KECISHI. *ОБРАЗОВАНИЕ НАУКА И ИННОВАЦИОННЫЕ ИДЕИ В МИРЕ*, 38(7), 202-209.

46. Эргашева, Г. Т. (2024). СОСУЩЕСТВОВАНИЕ ДИАБЕТА 2 ТИПА И СЕРДЕЧНО-СОСУДИСТЫХ ЗАБОЛЕВАНИЙ У ПАЦИЕНТОВ. *ОБРАЗОВАНИЕ НАУКА И ИННОВАЦИОННЫЕ ИДЕИ В МИРЕ*, 38(7), 219-226.

47. Эргашева, Г. Т. (2024). СНИЖЕНИЕ РИСКА ОСЛОЖНЕНИЙ У БОЛЬНЫХ САХАРНЫМ ДИАБЕТОМ 2 ТИПА И СЕРДЕЧНО-СОСУДИСТЫМИ ЗАБОЛЕВАНИЯМИ. *Образование Наука И Инновационные Идеи В Мире*, 38(7), 210-218.

48. Tokhirovna, E. G. (2024). CLINICAL AND MORPHOLOGICAL ASPECTS OF THE COURSE OF ARTERIAL HYPERTENSION. *Лучшие интеллектуальные исследования*, 12(4), 234-243.

49. Tokhirovna, E. G. Studying the Causes of the Relationship between Type 2 Diabetes and Obesity. *Published in International Journal of Trend in Scientific Research and Development (ijtsrd)*, ISSN, 2456-6470.

50. Toxirovna, E. G. (2024). ARTERIAL GIPERTENZIYA KURSINING KLINIK VA MORFOLOGIK JIHATLARI. *Лучшие интеллектуальные исследования*, 12(4), 244-253.

51. Эргашева, Г. Т. (2024). НОВЫЕ АСПЕКТЫ ТЕЧЕНИЕ АРТЕРИАЛЬНОЙ ГИПЕРТОНИИ У ВЗРОСЛОГО НАСЕЛЕНИЕ. *Лучшие интеллектуальные исследования*, 12(4), 224-233.



52. Эргашева, Г. Т. (2024). ФАКТОРЫ РИСКА РАЗВИТИЯ САХАРНОГО ДИАБЕТА 2 ТИПА. *ОБРАЗОВАНИЕ НАУКА И ИННОВАЦИОННЫЕ ИДЕИ В МИРЕ*, 36(5), 70-74.
53. KHALIMOVA, Y. S. (2024). MORPHOFUNCTIONAL CHARACTERISTICS OF TESTICULAR AND OVARIAN TISSUES OF ANIMALS IN THE AGE ASPECT. *Valeology: International Journal of Medical Anthropology and Bioethics*, 2(9), 100-105.
54. Salokhiddinovna, K. Y., Saifiloevich, S. B., Barnoevich, K. I., & Hikmatov, A. S. (2024). THE INCIDENCE OF AIDS, THE DEFINITION AND CAUSES OF THE DISEASE. *ОБРАЗОВАНИЕ НАУКА И ИННОВАЦИОННЫЕ ИДЕИ В МИРЕ*, 55(2), 195-205.
55. Salokhiddinovna, K. Y. (2024). IMMUNOLOGICAL CRITERIA OF REPRODUCTION AND VIABILITY OF FEMALE RAT OFFSPRING UNDER THE INFLUENCE OF ETHANOL. *EUROPEAN JOURNAL OF MODERN MEDICINE AND PRACTICE*, 4(10), 200-205.
56. Nematilloeyevna, X. M., & Saloxiddinovna, X. Y. (2024). TIBBIYOT FANLARIDA MOTIVATSIYON METODLAR. *Modern education and development*, 16(7), 31-42.
57. Nematilloeyevna, X. M., & Saloxiddinovna, X. Y. (2024). TURLI TIBBIY TERMINLARNING YASALISH USULLARI. *Modern education and development*, 16(7), 68-78.
58. Nematilloeyevna, X. M., & Saloxiddinovna, X. Y. (2024). TIBBIY TERMINOLOGIYADA TARJIMA MASALALARI. *Modern education and development*, 16(7), 43-56.
59. Nematilloeyevna, X. M., & Saloxiddinovna, X. Y. (2024). TIBBIY TERMINOLOGIYADA TARJIMA MASALALARI. *Modern education and development*, 16(7), 43-56.
60. Nematillaevna, K. M., & Salokhiddinovna, K. Y. (2024). NUMERALS IN THE LATIN. *Modern education and development*, 16(7), 57-67.



61. Khalimova, Y. S. (2024). Features of Sperm Development: Spermatogenesis and Fertilization. *American Journal of Bioscience and Clinical Integrity*, 1(11), 90-98.