



**EXPERIENCE TEACHING TO PEDIATRICS STUDENTS OF THE
STOMATOLOGICAL FACULTY OF ODESSA INTERNATIONAL
HUMANITARIAN UNIVERSITY**
**ОПЫТ ОБУЧЕНИЯ ПЕДИАТРИИ СТУДЕНТОВ СТОМАТОЛОГИЧЕСКОГО
ФАКУЛЬТЕТА ОДЕССКОГО МЕЖДУНАРОДНОГО ГУМАНИТАРНОГО
УНИВЕРСИТЕТА**

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Abstract. *The article presents the results of studying the assessment of teaching pediatrics to students of the Stomatological faculty of the International Humanitarian University. Pediatrics, along with therapy and surgery, is one of the basic disciplines in the formation of the clinical thinking of the future doctor.*

An analysis of the assimilation of pediatrics was carried out using traditional and innovative teaching methods with a combination of online and offline forms of education. In the course of the study, a scientific and informational search was carried out on the form and methods of teaching pediatrics to students of dental faculties in the foundations of the higher education of Ukraine and Europe, as well as the existing problems and ways to solve them, with a further comparative assessment of the methods and learning outcomes at International Humanitarian University. A comparative analysis of the methods of teaching pediatrics to students of the stomatological faculty at the Department of Obstetrics, Gynecology and Pediatrics showed high results in the assimilation of knowledge and skills through the use of traditional teaching in a children's clinic and modern innovative teaching and educational technologies based on information and material methods.

Keywords: *pediatrics, students of the stomatological faculty, innovative teaching methods, educational technologies*

Introduction.

Medicine is the basic part of the national system of education and healthcare in Ukraine. Students highly appreciate the quality of higher medical education in Ukraine, which has advantages due to the opportunity not only to acquire fundamental professional knowledge in accordance with the standards of the European Union, but also, starting from junior courses, to develop practical skills of communication, examination and treatment of patients directly in the clinic.

Currently, International Humanitarian University has the III level of accreditation for the training of specialists in the field of healthcare, which corresponds to international requirements and student learning opportunities. The Department of Obstetrics, Gynecology and Pediatrics of International Humanitarian University has created an information technology and clinical base for the high-



quality training of future doctors.

The purpose of our work was to analyze the effectiveness of the methods of teaching pediatrics to students of the stomatological Faculty of International Humanitarian University.

The object of the study was the process of teaching pediatrics to students of dental faculties in higher medical educational institutions of the world.

The subject of the study was a comparative analysis of the effectiveness of different pedagogical methods in the process of teaching students of the Stomatological faculty in the foundations of the Higher Education (HVO) of Ukraine and the world.

In institutions of the higher education of Ukraine and the world [1-5], the training program for students of the stomatological faculty includes pediatrics. The study of the experience of teaching pediatrics to students of dental faculties in Ukrainian universities showed the similarity of the problems, as well as the proposed and applied ways to solve them [6-8].

At the Department of Obstetrics, Gynecology and Pediatrics of International Humanitarian University, students of the stomatological faculty study pediatrics in the 4th year.

The study of pediatrics by future dentists has a number of significant features compared to other specialties. They consist in the fact that the discipline includes a huge amount of information, since the subject of study is the care of a healthy and sick child, propaedeutics of pediatrics, faculty and hospital pediatrics, as well as the course of childhood infections, as well as the need to master the discipline in a short time frame up to one semester. In this regard, teaching is based on a clear, concise, well-illustrated presentation of the material in lectures, followed by repetition of the material and the development of skills in diagnosing and treating a patient in practical classes.

To improve the quality of preparation for classes, students are provided with methodological materials for all practical classes in the discipline: developments on methods for examining different systems of the child's body; semiotics and the most common diseases; methods of diagnosis and treatment; teaching aids, presentations of lectures, as well as basic textbooks on the subject in printed and electronic form.

To increase students' interest, we use various options for presenting lecture material: traditional, problematic, lecture-discussions, lecture-presentations using information and computer technologies [9].

In order to control the preparation for the class and mastering the theoretical material, each class begins with a short test, stream testing, dictation or a blitz quiz with correction of answers by the teacher.

In practical classes, to stimulate interest in learning and to motivate scientific and cognitive activities, we use an intellectual warm-up, five "Why" and "How" methods, explanation, analysis of situational clinical problems, business and role-playing games, work in pairs, triplets, conversations, training discussions, observation training, patient demonstrations, training exercises for modeling situations, consideration of choice situations, method cases, conducting scientific research with subsequent processing, etc. [1]. At each practical class, the teacher



demonstrates the methodology for examining a thematic child with demonstrative identification of symptoms, combining them into syndromes with further access to a diagnosis, a plan for laboratory and instrumental examinations and treatment in accordance with the protocols of the Ministry of Health of Ukraine; evaluates the prepared speeches, the activity of students in the classroom, the ability to formulate one's position and defend one's opinion. The main part of the class takes place in the children's department of the clinic, which contributes to the development of communication and mastering the practical skills and abilities of examining a patient.

Students practice childcare skills, master anthropometry techniques with the evaluation of the results obtained using centile tables and the ANTHRO program, interview mothers about feeding their children using checklists, analyze the pace of physical and neuropsychological development of children.

At the class, students have the opportunity to hone practical skills and medical manipulations on dummies according to the algorithms for performing skills, evaluate the results of instrumental and laboratory studies. In the case of distance learning, students are provided with links to electronic textbooks, as well as training materials created by teachers of the department - presentations on the topic and training tasks in the form of clinical situational tasks, including illustrations, diagrams, tables, graphs, photographs, drawings, videos. Checking the assimilation of the material is carried out by test self-control, solving situational problems with the provision of correct answers, etc.

At the end of the course of studying the discipline, the final control of knowledge is carried out in the form of a test, which includes testing, verbal and written survey.

We analyzed the section of knowledge in pediatrics among 4th year students of the Stomatological faculty of International Humanitarian University. There were 126 students in total, 118 of them were admitted to the test. The results of the study are presented in Table 1.

Table 1 – Evaluation of knowledge in pediatrics among 4th year students of the Stomatological faculty, International Humanitarian University.

Sum of points	ECTS score	National scale score		The results of the assessment of knowledge in pediatrics among students	
		Exam, credit test	credit	Absolute number	%
90-100	A	excellent	pass	15	12,71
82-89	B	Good		29	24,576
74-81	C			32	27,11
64-73	D	satisfactory		23	19,49
60-63	E		16	13,56	
35-59	FX	unsatisfactory	fall	3	2,54
1-34	F			0	0
Total students				118	100



The table shows that out of 118 students, the level of knowledge was assessed as excellent in 15 (12.71%), good in 61 (51.69%), satisfactory in 39 (33.05%), unsatisfactory in 3 (2.54%). Thus, the majority of 4th year students of the Stomatological faculty of International Humanitarian University (76-64, 4%) mastered pediatrics excellently and well.

Conclusions

Teaching pediatrics to students of the Stomatological faculty at the Department of Obstetrics, Gynecology and Pediatrics is carried out in a combination of traditional teaching in the clinic and using modern innovative educational and training technologies. An analysis of the slice of knowledge during the credit test in pediatrics showed a high level of professional knowledge, skills and abilities of the majority of students, that will improve the quality of training of future dentists and the pedagogical authority of the International Humanitarian University.

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Аннотация. В статье представлен результаты изучения оценки преподавания педиатрии студентам стоматологического факультета международного гуманитарного университета (МГУ). Педиатрия, наряду с терапией и хирургией, является одной из базовых дисциплин в формировании клинического мышления будущего врача.

Проведен анализ усвоения педиатрии при использовании традиционных и инновационных методов преподавания при сочетании онлайн и офлайн форм обучения. В процессе исследования был проведен научно-информационный поиск по форме и методам преподавания педиатрии студентам стоматологических факультетов в закладах вищої освіти України и Европы, а также имеющимся проблемам и путям их решения с дальнейшей сравнительной оценкой методов и результатов обучения в МГУ. Сравнительный анализ методов преподавания педиатрии студентам стоматологического факультета на кафедре акушерства, гинекологии и педиатрии показал высокие результаты усвоения знаний и умений за счет применения традиционного обучения в детской клинике и современных инновационных обучающих и образовательных технологий, основанных на информационно-материальных методах.

Ключевые слова: педиатрия, студенты стоматологического факультета, инновационные методы обучения, образовательные технологии