

# European Conference on Education and Applied Psychology

9<sup>th</sup> International scientific conference  
27<sup>th</sup> November 2015

*Austria, Vienna*



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«East West» Association for Advanced Studies and Higher Education  
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## Section 2. Higher Education

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### **Experience in teaching of foreign students in the department of pediatrics, neonatology and perinatal medicine**

**Introduction.** Ukraine's accession to the single European and world educational space requires modernization of higher education in Ukraine, which is one of the most important strategic objectives of ensuring the quality of specialists training according to international requirements<sup>1</sup>. This motivated the development of teaching

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<sup>1</sup> Rezul'taty vprovadzhennya innovatsiynykh tekhnolohiy navchannya za kredytno-modul'noyu systemoyu u Vinnyts'komu natsional'nomu medychnomu universyteti im. M. I. Pyrohova/V.M. Moroz,

of medical disciplines in our country begin adapted and consistent with the processes taking place in Europe<sup>1</sup>.

The actual problem arises improving methodological features of teaching of medical disciplines, including propaedeutic pediatrics in foreign students in Ukrainian universities in the context of European integration education. The importance of the issues associated with the introduction of the Bologna process in Ukraine, attracting foreign teaching experience and expand the range of educational services, with the active computerization of the learning process, and especially the use of innovative teaching methods<sup>2</sup>.

**Main part.** The main purpose of the educational process in higher educational medical facility is to train highly qualified medical personnel. This issue must be addressed by all links of study. One logical deductive system, which is the result of about unity of all these components together and represents the integration of the educational process.

On the department of pediatrics, neonatology and perinatal medicine of Higher State Educational Establishment of Ukraine «Bukovinian State Medical University» is present methodological support in the form of training materials for workshops, presentations, lectures, teaching materials for student's practical skills in algorithms, sets of tests, teaching materials for teachers.

Focusing on current trends, we must understand that integration cannot be limited only by the educational process. Independent study of students are an integral part of it. In this regard, an important role in preparing for the practical classes use the server of distance learning of the university. For example, in the study of English-speaking students of the thematic module «Child development and child nutrition», which has specific objectives: 1) assess the physical development on the basis of the data; 2) interpret changes found in a newborn baby based on knowledge of anatomical and physiological characteristics; 3) assess psychomotor development of the child of first year of life; 4) show a history factors affecting changes in psychomotor development; 5) make diet for healthy and sick child in all age periods of development, we orient students' attention on the educational site created on the server of distance learning

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Yu. Y. Humins'kyy, T. L. Polesya, L. V. Fomina // Innovatsiyni metodyky vykladannya v suchasniy vyshchiiy osviti: navch.-metod. konf., 7 kvit. 2011 r.: tezy dopov. – Vinnytsya, 2011. – S. 3–8.

<sup>1</sup> Boykiv A. B. Dosvid vprovadzheniya kredytno-modul'noyi systemy orhanizatsiyi navchal'noho protsesu z propedevtyky ortopedychnoyi stomatolohiyi/A. B. Boykiv//Medychna osvita. – 2011. – № 1. – S. 55–57.

<sup>2</sup> Nechytaylo D. Yu. Osoblyvosti vykladannya propedevtychnoyi pediatriyi inozemnym studentam na anhliys'kiy movi/D. Yu. Nechytaylo, O. H. Buryak//Aktual'ni pytannya pidhotovky medychnykh ta farmatsevtichnykh fakhivtsiv u konteksti yevropeys'koyi osvith'noyi intehratsiyi: navch.-metod. konf., 20 kvit. 2011 r.: tezy dopov. – Chernivtsi. – S. 159.

of the university that absolutely fully consistent across the spectrum of knowledge needed for mastering this module.

In the education system of foreign students the usage of computer technology and Internet resources allows engage professional self-development in convenient time, not as a traditional «on schedule». Each independently determines for itself the place of the topic that does not effect on normal rhythm of life. From this position, we focus on the benefits of the widespread use of virtual textbooks and lecture materials on the website of a virtual library.

Questions of intermediate and final test control of students' knowledge is partially included in the topics of lectures and theoretical courses. These issues should be targeted at the presentation of theoretical material for students, especially in English-language learning. The above methods of studying theory, allow them as much as possible to apply this knowledge in solving tests.

The quality of learning outcomes, the ability to apply them in the study of other disciplines and in everyday professional activities is our priority for the application of test control. Checking the students' knowledge by tests carried out as at the end of the course of propaedeutic pediatrics, and after the study of individual sections of discipline. Such method allows to the maximum estimated of the level of theoretical knowledge of each student.

On the department created a bank of tests of the discipline «propaedeutic pediatrics» to assess academic achievements of foreign students of 3 courses. This was used different difficulty tests, consisting of terms and a list of answers from which the examinee must choose the correct answer. The test consists of a description of a problem that relates to the examinees, and therefore answers that are credible and meet one subject area. In the most international test systems the current format is the most used format because it provides the lowest test invalidity and sufficient diagnostic capacity. The department conducts a periodic review of the validity of tests and replaces tests that none of the students could not answer, and the lighter which answered virtually all students.

Based on the fact that the foundations of the study discipline «Children diseases» is beginning to study the propaedeutic pediatrics approach to teaching the material to be on a special kind. Propaedeutics is not only an introduction to pediatrics, but the link of theoretical and clinical disciplines.

Mastering practical skills, according to employees of the department are very important because to them is paid much attention. The acquisition of knowledge in practice, divided by two topic modules. For a proper understanding, practical skill first method is explained and then demonstrated its algorithm of implementation. On a practical level, the whole process and the level of learning closely monitored by teachers. Students are required to spend the evening duty in a hospital clinical base of

the department, for more thorough mastering practical material. The elucidation of obscure points, improving skills in practice conducted during independent work of students in the amount of 95 hours, provided the by the program.

The level of mastery of practical skills measured not only in terms of theoretical knowledge, but its implementation in practice at the bedside of sick children is directly under the control of the teacher.

During the writing of academic history, students have the best opportunity to learn practical skills. Professional knowledge of teachers of English is a necessary, especially during sessions with students who have access to comprehensive answers to certain questions that they arose for them in language plain.

It is through the independent work of students while preparation for lessons at home, the activity at workshops, supervision of patients, followed by the writing of history in the future doctor will form the desire for continuous improvement, developing clinical thinking, stimulates recovery of knowledge from fundamental sciences.

One of the biggest obstacles, which appears when working with foreign students is their lack of knowledge of the Ukrainian language, which is necessary when working with patients in a hospital. Poor knowledge of the Ukrainian language, small vocabulary is inadequate to communicate with patients and fully learning the methods of collecting history anamnesis in independent work.

**Conclusion.** In terms of credit-modular system organization of educational process of foreign students have different peculiarities. The introduction of credit-modular system systematically encourages students to prepare for lessons, and use of modern technologies of distance learning makes it possible to effectively improve the quality of the learning process, increase awareness and prepare students to master modern computer technology works, personalize and organize training, increase the skills of students work with various information sources, which is a prerequisite for further growth of merit of future doctor. Especially the increasing of the role of independent preparation makes it possible to efficiently organize and enhance the effectiveness of teaching of foreign medical students.