

DOI <https://doi.org/10.30525/978-9934-26-349-1-18>

**OPTIMIZATION OF THE EDUCATIONAL PROCESS
AT THE HISTOLOGY DEPARTMENT UNDER MARTIAL LAW**

**ОПТИМІЗАЦІЯ НАВЧАЛЬНОГО ПРОЦЕСУ НА КАФЕДРІ
ГІСТОЛОГІЇ В УМОВАХ ВОЄННОГО СТАНУ**

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The full-scale invasion of Russian troops to Ukraine affects all areas of life. Despite all the challenges of wartime, the educational process at National Pirogov Memorial Medical University did not stop.

As for the study of the discipline "Histology, cytology and embryology", a hybrid form of education was used to optimize the educational process, making emphasis on preparing students to take the "Krok 1" (Step 1) which is a licensing integrated test exam and the professional English language exam for future integration into international student exchanges and postgraduate education.

To improve the professional development of students with online, offline and mixed forms of education. He employees at the histology department staff

used the Microsoft Teams corporate platform, Google Meet, the Mentimeter online service and the Microsoft Power Point application. All these platforms allow presenting information in a concise form with sufficient visualization for successful mastering and consolidation of theoretical knowledge and practical skills. It should be noted that with the offline format of the educational process, students solve test tasks using the mobile application of the corporate platform Microsoft Teams. Teachers use computers, multimedia boards, etc. to demonstrate presentations. All students are provided with study guides and microscopes in order to improve their practical skills.

The teachers of the department pay considerable attention to the morphological changes in organs and tissues that occur under the influence of adverse factors, to the study of the peculiarities of the structure, function and development of tissues and organ systems in different periods of the life, according to the age periodization, which is the basis for the formation of clinical thinking in students. Clinical examples make it possible to build interdisciplinary connections more clearly (theoretical – practical disciplines), which is necessary for professional training of future doctors. An important feature of each study guide and practical class is their clinical orientation.

While studying "Human Embryology", students' attention is directed to critical periods and congenital malformations, which is a theoretical step and foundation for solving the problems of prevention and treatment of congenital diseases. In the topic "Blood and hematopoiesis", teachers draw students' attention to the peculiarities of the leukocyte formula in children and adults in normal and pathological conditions. And in the topics "Nervous system" and "Cardiovascular system", the focus of attention shifts towards the morphological conditioning of both organic and functional pathology of these systems.

For regular monitoring of theoretical knowledge and professional terminology, teachers of the department use test tasks in Ukrainian and English, which optimizes the professional bilingual training of our students. Therefore, the main points are formed in methodological developments for each topic for students to pay attention to when preparing for practical bilingual classes. Theoretical aspects related to clinical examples are important for the systematic mastering of a significant amount of information, the formation of clinical thinking when solving bilingual clinical cases and the improvement of continuous professional development.

All study guides and lecture materials are presented on the website of the department in digital and video format. In practical classes, teachers use: summarizing and structural-logical schemes, intellectual maps (Mind Maps), histograms, drawings and photographs of clinical cases of different diseases. Separately, each student can find recommended sources of information for

obtaining additional data on the website of the department, when preparing for practical classes in histology.

Therefore, the hybrid form of education ensures the continuity of the educational process, even in the conditions of martial law. And the combination of different forms and methods of education, the emphasis on bilingual training of students, in the context of the discipline "Histology, cytology and embryology", combines safety and a high level of theoretical knowledge and practical skills, which is necessary for future doctors.

DOI <https://doi.org/10.30525/978-9934-26-349-1-19>

**THE MEANING OF THE CLINICAL DEPARTMENT
IN THE FORMATION OF CLINICAL THINKING
OF THE FUTURE DENTIST**

**РОЛЬ КЛІНІЧНОЇ КАФЕДРИ У ФОРМУВАННІ КЛІНІЧНОГО
МИСЛЕННЯ МАЙБУТНЬОГО ЛІКАРЯ-СТОМАТОЛОГА**

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Modern innovations in dentistry over the past decades in theoretical and practical aspects allow expanding the diagnostic and therapeutic capabilities of a dentist-therapist. The doctor must perceive innovations in a timely manner and competently rationally use them in everyday medical activities. This is available to a doctor who has developed a clear, correct clinical thinking since his student years. The university teachers are faced with the task of forming the clinical thinking of the future doctor. Without clinical thinking, a doctor will not take place, but a bad artisan will be formed, who creates the appearance of healing, often sometimes only to satisfy personal material needs and sometimes harms the patient [1].

Clinical thinking is the intellectual activity of a doctor, which obeys the basic principles and general patterns of thinking. And at the same time, it is specific and peculiar, due to the fact that the object of its knowledge is the most complex being – human.. Clinical thinking is the thinking of a doctor on