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### **Improving of the efficiency in training of students to license examination Krok 1 on microbiology in Kharkiv National Medical University**

The examination is the main form in monitoring of students' progress and knowledge. License examinations throughout the discipline of microbiology are carried out together with other disciplines in the form of test control and have the purpose to assess the students' theoretical knowledge, the ability to creative thinking, the ability to synthesize obtained knowledge and to apply for solving practical problems.

There are common rules for preparing of students to license examination: on sites (<https://testkrok.org.ua>, <https://testcentr.org.ua>) test bases on the separate disciplines and booklets with randomly arranged tests are demonstrated. During preparing to the Krok 1 students have difficulty with understanding the correct answer as they can not easily choose the keyword, which is the reference point in the selection of the correct answer.

Therefore, at the department of Microbiology, Virology and Immunology in Kharkiv National Medical University, two conceptual methodological approaches in the preparing to Krok 1 have been developed. Firstly, guidelines with all the tests from Krok 1 base on microbiology assembled on topics, with highlighted keywords, correct answers and explanations, with the original schemes, tables and figures were prepared and published. According to information materials, students are preparing for the license examination Krok 1 on microbiology within the allotted training time. Control of this is done by a computer program.

Second, the theoretical materials for distance learning are designing. Materials deal with topics of Krok 1 on microbiology, through which students can explore and learn information materials themselves. Students are admitted to the license examination Krok 1 on microbiology if they pass the computer test control and examination at the department.

Thus, at the department of Microbiology, Virology and Immunology of Kharkiv National Medical University favorable conditions for successful preparing to the license examination Krok 1 on discipline are created.