



DERMATOPATHOLOGY

EDUCATION ON DERMATOPATHOLOGY USING THE ONLINE LEARNING SYSTEM.

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Introduction: The diagnosis of many skin diseases is very difficult. As a rule, the pathologist who conducts the study does not see the clinical picture. The pathomorphological changes he reveals are not always equivalent. Therefore, it becomes necessary for the dermatovenereologist himself to assess his pathological changes. The clinician-dermatologist should be able to view the histological specimens, analyze, distinguish the most important pathological changes from minor and insignificant. Definition of diagnosis only histologically is difficult because part of the diseases have the same non-specific histological picture and should be clinically and morphologically evaluated.

Objective: Each dermatologist must be proficient in morphological diagnostics and must be trained.

Material and methods: To solve the problem of learning dermatologists to dermatopathology, a specialized online distance learning system was developed. On the basis of the presented classification and the collected register of photographs, the "Histological Symptoms" level of training was developed. To date, the system includes more than 1000 reference histological symptoms with a detailed description and high-quality photos of histological preparations.

Results: The system passed an assessment of the effectiveness of training in 2018 with the participation of 16 residents of the 2nd year of training at the Department of Dermatology and Venereology of the North-Western Medical University named after I.I. Mechnikova (St. Petersburg). The online learning system of dermatopathology has proven its effectiveness in front of the classical methods of learning dermatopathology. The results are publicly available. Also, the system significantly helps the work of dermatologists, pathologists in the formulation of the correct diagnosis. Allowing for the symptoms to determine a probabilistic list of diseases, significantly reducing the time for making the correct diagnosis. Provides additional convenience in the work of a doctor.





Conclusions: Learning outcomes using the system demonstrated superiority over the traditional educational approach to the study of dermatopathology.

