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FEATURES OF GENERAL SURGERY TEACHING TO MEDICAL STUDENTS

S. I. Shevchenko, O. S. Tsyganenko

Kharkiv National Medical University

The subject «General Surgery» is one of the basic disciplines, laying foundation for study of surgical activity, which is required for every physician-clinician, regardless of his or her further specialization. In modern socioeconomic conditions, only a widely educated physician, who can flexibly rebuild direction and content of his or her activities taking into account changing requirements and the advent of new medical technologies is of the true value to health care service. General surgery course is one of the first among the surgery courses in medical universities. It combines the most important theoretical and clinical basics of surgery. The objectives of general surgery course for medical (care) students are to train a student to act in a surgical clinic; to provide them with the concept of the nomenclature of surgical conditions; to present the methods of transfusion of blood and blood substitutes, emergency surgical care, immobilization and transportation of injured patients; to teach how to manage purulent infections in surgery, circulatory disorders, to perform physical examination of surgical patients, to outline the plan of examination of a surgical patient, to perform common medical diagnostic and therapeutic procedures; to give the concept of oncological conditions, basics of anesthesiology and emergency care, traumatology, as well as aseptics and antiseptics. However, for students of medical departments, who specialize in «Laboratory Diagnostics» and who subsequently get certified as a Laboratory Doctor the above objectives of the discipline, according to the students, are not of priority, since they will not work directly with patients, establish provisional and final diagnoses, prescribe conservative treatment, or perform surgery. All of mentioned above results in a lack of desire and motivation to study this discipline. Therefore, it stimulates the teachers to introduce new and more effective approaches and forms of teaching to improve the effectiveness of learning for students. One of the methods of increasing the interest and stimulation of students to study the course of general surgery is the use of modern information technology with presenting the multimedia materials by topics, as well as the introduction of educational films, shifts on duty in hospital,

game teaching techniques, attending surgeries as assistant. The above methods can help to convey the information, which the student must acquire and master during hands-on seminars, in a more visual and intelligible way. No less important is the fact that students at each hands-on training session spend a certain amount of time at the bedside of a patient, supervise, perform examinations, palpation, auscultation, take an active part in instrumental examinations. During general surgery course special attention is paid to practical skills (mastering the techniques of wound bandaging, dressing, transportation and immobilization rules, the methods of identification of blood group, Rhesus factor, individual and biological sampling during transfusion of blood components and products, the imprint smear for identification of diagnosis of gas gangrene, biological material sampling to perform bacteriological study, definitions of quantitative and qualitative parameters of the dynamics of purulent wound, interpreting indicators of different types of coagulation for various surgical conditions, maintaining bacteriological sterility monitoring, definition of laboratory parameters to define the degree of acute blood loss, to select a set of laboratory studies for different types of surgical pathology, etc.), that is very important for any medical professional, including future laboratory assistants.

Therefore, all of the above can help improve the quality of training of students, improve their motivation to the study of general surgery.

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