

2. Short annotation to the course

According to the Curriculum, the teaching of the enduring discipline "Internal Medicine" is carried out in 4-6 courses. The organization of the educational process is carried out according to the European credit transfer system for the organization of the educational process (ECTS).

The program of "Internal Medicine, including endocrinology, medical genetics" in the 6th year provides for the study of internal medicine in individual specialized courses of choice, including endocrinology, with emphasis on the study of the course, diagnosis and treatment of endocrine pathology.

Teaching the basics of endocrinology in the course is conducted in an individual profile course of choice. Duration of practical classes - 6.0 hours. The main purpose of this course is to study the features of the clinic, diagnosis, differential diagnosis and treatment of endocrine pathology.

Emphasis is placed on the skills of interviewing and clinical examination of the patient, diagnosis, differential diagnosis, treatment and prevention of diseases of the endocrine organs, diagnosis and provision of emergency medical care in emergencies, as well as medical manipulations. Students participate in the diagnostic and treatment process of patients under the guidance of teachers of the department. It is also provided to master / get acquainted with the procedures most often used in the practice of endocrinology. Practical classes, clinical tours with assistants, associate professors and professors of the department are the main part of this course. Each student records and reports clinical data on the examined patients to the assistant on a daily basis and writes a medical history.

Types of classes according to the curriculum are: a) practical classes, b) independent work of students.

Thematic plans of practical classes and independent work reveal the problematic issues of the relevant sections of endocrinology. Practical classes are held on the clinical bases of the department. Methods of organizing practical classes in internal medicine requires:

- make the student a participant in the process of providing medical care to patients from the moment of their hospitalization, examination, diagnosis, treatment to discharge from the hospital;
- master professional practical skills; skills of teamwork of students, doctors, other participants in the process of providing medical care;
- to form in the student, as a future specialist, an understanding of responsibility for the level of their training, its improvement during training and professional activities.

To implement the relevant module specified in the first lesson, it is necessary to provide the student with a detailed plan of work in the clinic and provide conditions for its implementation. This plan should include:

- research that the student must master (or get acquainted with);
- algorithms (protocols) of examinations, diagnosis, treatment, prevention in accordance with the standards of evidence-based medicine;
- supervision of patients to be carried out by the student during the study of the discipline;
- reports of the patient's medical history in the study group, at clinical rounds, practical conferences.

Patient supervision involves:

- clarification of patient complaints, medical history and life, conducting surveys of organs and systems;
- conducting a physical examination of the patient and determining the main symptoms / syndromes of the disease;
- analysis of the results of laboratory and instrumental research;
- diagnosis;
- appointment of treatment;
- definition of primary and secondary prevention measures;
- report on the results of examination of the patient by a team of students in the study group, analysis under the guidance of the teacher of the correctness of diagnosis, differential diagnosis, scheduled examination, treatment tactics, assessment of prognosis and performance, prevention.

It is recommended to conduct practical classes with the inclusion of:

- control of the initial level of knowledge with the help of test questions, composed in the format of a question with 5 answer options, of which 1 - correct and checking workbooks;
- management of 1-2 patients with diseases and conditions corresponding to the subject of the lesson, followed by discussion of the correctness of diagnosis, differential diagnosis and treatment with the use of evidence-based medicine and in accordance with National and European guidelines and protocols;
- consideration of the results of additional research methods (laboratory and instrumental) used in the diagnosis and differential diagnosis, consideration of which is provided by the topic of practical training;
- control of the final level of knowledge on the test tasks made in the A format.

In practical classes, students are encouraged to keep protocols in which it is necessary to enter brief information about the patients examined during the practical lesson, diagnosis, examination plan and prescribed treatment.

Independent and individual work of students is 33% in the curriculum, is an integral part of educational activities and is included in the ECTS credits of each module and discipline as a whole. It includes:

- preparation for practical classes;
- implementation and protection of ISRS;
- preparation and writing of medical history;
- mastering practical skills;
- preparation for final control;
- writing a workbook on the topic of the lesson.

Teachers of the department provide an opportunity to carry out independent work. During practical classes and final control, control and evaluation of its implementation are carried out.

Departments of endocrinology have the right to make changes to the curriculum within 15%.

Assimilation of the topic (current control) is controlled at each practical lesson, assimilation of the content module (final control) - at the last practical final lesson. It is recommended to use the following tools to assess the level of preparation of students: test tasks, solving situational problems, conducting laboratory tests and evaluating their results, analysis and evaluation of instrumental research and parameters that characterize the functions of the human body, control of practical skills and medical manipulations.

The final control is made at the last practical lesson to the teacher of the department according to the schedule approved at the educational and methodical meeting of the department. Assessment of student performance in the discipline is a rating and is set on a multi-point scale.

For those students who want to improve their grades in the discipline, upon completion of the study of the discipline, the curriculum provides a deadline for reshaping.