

"Endocrinology"

The main professional educational program of higher education is a specialty program in the specialty 31.05.01 General medicine, approved on 24.05.2023

Full-time form of education

Term of mastering the OBOP VO: 6 years

Department: Internal Medicine No. 2

1. The purpose of the discipline: is to master the knowledge of etiology, pathogenesis, clinical manifestations, as well as the principles of diagnosis of diseases of the organs of the endocrine system, as well as the principles of treatment and prevention of endocrine diseases.

2. The place of the discipline in the structure of OBOP VO: the discipline "Endocrinology" belongs to the basic part of the program of Block 1 of the Federal State Educational Standard of Higher Education in the specialty 31.05.01 General Medicine.

3. Requirements for the results of mastering the discipline:

The teaching of this discipline is based on the following types of professional activity:

- therapeutic;
- organizational and managerial;
- scientific research.

The process of studying the discipline is aimed at the formation and development of competencies:

OPK-8, OPK-5, PK-6, PK-8, PK-10.

As a result of studying the discipline, the student must

Know:

- the main types of drugs used in endocrinology;
- basic medicines, their international non-proprietary name, rules for combining with each other, storage rules used at the outpatient stage;
- the rules for prescribing and taking medications;
- the main clinical symptoms of diseases of internal organs and the mechanism of their occurrence;
- diagnostic value of general clinical laboratory and instrumental research method;
- etiology, pathogenesis of the most common diseases in endocrinology;
- modern classification of the disease (ICD);
- clinical picture of the most common diseases occurring in a typical form in different age groups;
- modern methods of clinical, laboratory, instrumental examination of patients (including endoscopic, radiological methods, ultrasound diagnostics);
- criteria for the diagnosis of various diseases;
- clinical picture of the most common diseases occurring in a typical form in different age groups;
- methods of diagnosis, treatment and indications for their appointment;
- modern methods of clinical, laboratory, instrumental examination of patients to identify acute conditions;
- methods of treatment and indications for their appointment.

Be able to:

- prescribe appropriate drug therapy according to the diagnosis;
- choose the best treatment option, prescribe drug therapy, taking into account the pharmacokinetics and pharmacodynamics of drugs, preventing their unwanted side effects, write prescriptions (taking into account social rights to subsidized drugs);
- to conduct a questioning of the patient (and / or) relatives, establishing the possible causes of its occurrence in typical cases;
- conduct a physical examination of the patient and identify the objective signs of the disease;
- draw up a plan for additional research of the patient;
- evaluate the results of a general analysis of blood, urine, sputum, feces, as well as a biochemical blood test;
- be able to present the results of the examination of the patient orally and in writing;
- conduct a general clinical examination;
- outline the amount of additional research to clarify the diagnosis and obtain a reliable result;
- formulate a clinical diagnosis;
- develop a plan of diagnostic and therapeutic actions in accordance with the diagnosis;
- write a medical history to the patient.

Own:

- methods of prescribing appropriate drug therapy, as well as a combination of drugs;
- methods for assessing and monitoring the effectiveness of the therapy;
- the methods of general clinical examination, the interpretation of the results of laboratory and instrumental diagnostic methods, the correct maintenance of medical records;
- the main medical diagnostic and therapeutic measures.

4. The total workload of the course is: 2 credit units (72 hours).

5. Semester: 9.

6.the main sections of the discipline:

1. Diseases of the pancreas.
2. Diseases of the thyroid gland.
3. Diseases of the adrenal glands.
4. Diseases of the hypothalamic-pituitary system.

Authors:

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