

Abstract of the work program of the discipline

"Hospital surgery"

The main professional educational program of higher education is a specialty program in the specialty 05/31/01 General Medicine, approved on 08/31/2020.

Full-time form of education

Term of mastering the OBOP VO: 6 years

Department: Surgical Diseases No. 2

1. The purpose of the discipline: is to master the student's knowledge, as well as the principles of diagnosis, treatment and prevention of surgical diseases.

2. The place of the discipline in the structure of OBOP VO: The discipline "Hospital surgery" refers to the basic part of Block 1 of the Federal State Educational Standard of Higher Education in the specialty "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:

medical;

organizational and managerial;

research.

The process of studying the discipline is aimed at the formation and development of competencies: OPK-4, PC-1, PC - 6, PC - 8, PC - 10, PC - 11.

As a result of studying the discipline, the student must

know:

- ethical and deontological aspects of medical practice in communicating with colleagues, nurses and nurses;
- etiology, pathogenesis and preventive measures for the most common surgical diseases; clinical picture, course features and possible complications of the most common diseases occurring in a typical form in different age groups; diagnostic methods, modern methods of clinical, laboratory, instrumental examination of patients; the basics of organizing medical care for various groups of the population, rehabilitation of patients, criteria for the diagnosis of various diseases; methods

of treatment and indications for their use; the mechanism of the therapeutic action of physiotherapy exercises and physiotherapy, indications and contraindications to their appointment, the peculiarities of their implementation; clinical manifestations of the main surgical syndromes.

- methods of treatment and indications for their use;
- fundamentals of the legislation of the Russian Federation on public health protection, basic documents and principles of management and organization of medical care for the population; maintaining standard medical records, organizing the work of medical personnel;

be able to:

- communicate with colleagues, nurses and nurses within the framework of ethics and deontology;
- use educational, scientific, popular science literature, the Internet for professional activities;
- determine the status of the patient: collect anamnesis, conduct a survey, conduct a physical examination; assess the patient's condition in order to make a decision on the need to provide him with medical care; conduct a primary examination of systems and organs;
- formulate indications for laboratory tests;
- to make a preliminary diagnosis - to synthesize information about the patient; choose an individual type of assistance; formulate a clinical diagnosis; develop a plan of therapeutic (surgical) actions, taking into account the course of the disease and its treatment; to formulate indications for the chosen method of treatment, taking into account etiologic and pathogenetic agents; use prevention methods; fill out a medical history;
- substantiate pharmacotherapy in a particular patient with major pathological symptoms and emergency conditions; determine the route of administration, regimen and dose of drugs, assess the effectiveness and safety of the treatment; apply various methods of drug administration; writing the recipe.
- plan, analyze and evaluate the quality of health care; to participate in the organization of medical and preventive and sanitary and anti-epidemic assistance to the population;
- use educational, scientific, popular science literature, the Internet for professional activities;

own:

- possess the skills of presenting an independent point of view, analysis and logical thinking, public speech, moral and ethical argumentation, conducting discussions and round tables, possessing the principles of medical deontology and medical ethics;
- possess the skills of communication with colleagues, nurses and nurses within the framework of ethics and deontology;
- own basic information transformation technologies: text, spreadsheet editors, Internet search;

- own the methods of general clinical research;
- possess the skills of interpreting the results of laboratory, instrumental diagnostic methods; an algorithm for a detailed clinical diagnosis; algorithm for making a preliminary diagnosis;
- possess the skills of using medicines in the treatment, rehabilitation and prevention of various diseases and pathological conditions;

4. The total workload of the course is 7 credit units (252 hours).

5. Semester: 9, 10, 11.

6. The main sections of the discipline:

1. Module 1:

- Diseases of the rectum.
- Diseases of the colon.
- Intestinal obstruction.
- Peritonitis.
- Diseases of the lung and pleura.
- Diseases of the heart and blood vessels.
- Portal hypertension.
- Diseases of the thyroid gland.
- Diseases of the breast.

2. Module 2:

- Acute appendicitis.
- Abdominal hernia.
- Diseases of the gallbladder and bile ducts.

3. Module 3:

- Diseases of the pancreas.
- Peptic ulcer of the stomach and duodenum, gastrointestinal bleeding.
- Diseases of the operated stomach.
- Diseases of the esophagus.
- Diseases of the diaphragm.
- Liver disease.

- Diseases of the spleen.
- Differential diagnosis of jaundice.
- Intestinal fistulas.
- Injuries to the chest and abdomen.
- Sharp abdomen.
- Endoscopic surgery.
- Interventional surgery.

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