

Annotation of the work program of the discipline

"Faculty Surgery»

The main professional educational program of higher education is a specialty program in the specialty 05/31/01 General Medicine, approved on 24.05.2023.

(ЛД-21-01-21 ИИ, ЛД-21-02-22ИИ, ЛД-21-03-23ИИ).

Full-time form of education

Term of mastering the OBOP VO: 6 years

Department: Surgical Diseases No. 2

- 1. The purpose of the discipline:** consists in student, mastering the 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 "Faculty surgery" is a compulsory discipline 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: UC-1, GPC-1, PC-1, PC-2, PC-3, PC-6.

As a result of studying the discipline, the student must *know*:

- ethical and deontological aspects of medical activity in communication with colleagues, nurses's stuff;
- etiology, pathogenesis and preventive measures of the most common surgical diseases; the clinical picture, specificities and possible complications of the most common diseases that occur 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 population groups, rehabilitation of patients, criteria for the diagnosis of various diseases; treatment methods and indications for their use; the mechanism of the therapeutic effect of physiotherapy and physiotherapy, indications and contraindications to their purpose, especially their implementation; clinical manifestations of major surgical syndromes.
- treatment methods and indications for their use;

- Fundamentals of the legislation of the Russian Federation on the protection of public health, basic documents and principles of management and organization of medical assistance to the population; maintaining standard medical documentation, organization of work of medical personnel;

be able to:

- communicate with colleagues, nurses's staff due to ethic and deontology;
- use educational, scientific, popular science literature, the Internet for professional activities;
- determine the status of the patient: to collect anamnesis, conduct a survey, conduct a physical examination; assess the condition of the patient to decide on the need for medical care; conduct an initial examination of systems and organs;
- formulate indications for laboratory tests;
- make a preliminary diagnosis - synthesize patient information; choose an individual type of assistance; formulate a clinical diagnosis; to 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 etiotropic and pathogenetic agents; use prevention methods; fill out a medical history;
- substantiate pharmacotherapy in a particular patient with the main pathological symptoms and emergency conditions; determine the route of administration, mode and dose of drugs, evaluate the effectiveness and safety of treatment; apply various methods of drug administration; writing the recipe.
- plan, analyze and evaluate the quality of medical care; participate in the organization of preventive and sanitary-anti-epidemic assistance to the population;
- use educational, scientific, popular science literature, the Internet for professional activities;

own:

- master the skills of presenting an independent point of view, analysis and logical thinking, public speech, moral and ethical argumentation, conducting discussions and round tables, master the principles of medical deontology and medical ethics;
- communicational skills with colleagues, nurses and nurses in the framework of ethics and deontology;
- own basic technologies of information conversion: text, spreadsheet editors, Internet search;
- own methods of general clinical research;
- skills to interpret the results of laboratory, instrumental diagnostic methods; an algorithm for a detailed clinical diagnosis; preliminary diagnosis algorithm;
- skills to use drugs in the treatment, rehabilitation and prevention of various diseases and pathological conditions;

4. The total workload of the course is 5 credit units (180 hours).

5. Semester: 7, 8.

6. The main sections of the discipline:

1. Module 1:

- Acute appendicitis.
- Complications of acute appendicitis.
- Acute cholecystitis.
- Acute pancreatitis.
- Abdominal hernias.
- Intestinal obstruction.

2. Module 2:

- Perforated duodenal ulcer.
- Gastrointestinal bleeding.
- Peritonitis.
- Diseases of the colon.
- Diseases of the rectum.

3. Module 3:

- Breast diseases.
- Diseases of the esophagus.
- Purulent - inflammatory diseases of the lungs and pleura.
- Diseases of the veins of the lower extremities.


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