

**ANNOTATION**  
**work program of the discipline**

**"General surgery"**

Speciality	05/31/01 General medicine
Number of credits	In accordance with the RUP
Interim certification form (pass/pass with assessment/exam)	Test/Exam

**1. The purpose of studying the discipline** "General Surgery" is the formation of students' understanding of the main directions of surgical work: compliance with the rules of asepsis and antisepsis when performing surgical operations, stopping bleeding and compensating for blood loss; teaching students the basic principles of diagnosis and treatment of the most common surgical diseases and providing first aid in emergency conditions and consists of an analytical and synthetic study of the elements of surgery necessary for the subsequent transition to the study of private surgery - completing the integration of surgical knowledge at the nosological level. Analytical study of the basic elements - asepsis, hemostasis, anesthesia - is the initial and mandatory stage of training, without which it is impossible to master the full complexity of modern surgery. The synthesis of the acquired knowledge allows us to obtain a clear understanding of the main directions of surgical activity, starting from the surgical office of the clinic and surgical hospital until the patient is discharged. The resulting base becomes the basis for study in subsequent courses of clinical surgery.

**2. Summary of the discipline**

Section 1: "Introduction to the Subject"

Contents of the section. A brief history of surgery. Current state of surgery. Organizational and legal foundations of surgical activity. Ethics and deontology in surgery.

Section 2: "General issues of surgery"

Contents of the section. Asepsis. Antiseptic. Transfusion of blood and its components. Bleeding. Non-operative surgical technique. Desmurgy. Transport immobilization. Examination of surgical patients. Critical impairment of life in surgical patients.

Section 3: "Fundamentals of Clinical Surgery"

Contents of the section. Fundamentals of trauma surgery. Fractures and dislocations. Damage to soft tissues, tendons and joints. Head injury. Chest injury. Abdominal injury. Wounds. Treatment of wounds. Thermal damage. Thermal and chemical burns. Cold injury. Electrical injury. Fundamentals of purulent-septic surgery. Purulent diseases of the skin and subcutaneous tissue. Purulent diseases of cellular spaces. Purulent diseases of the glandular organs. Purulent diseases of the hand and foot. Purulent diseases of serous cavities. Purulent diseases of bones and joints. Surgical sepsis. Specific surgical infection. Anaerobic and putrefactive infection. Fundamentals of surgery for regional circulatory disorders. Arterial blood flow disorders. Venous circulation disorders. Lymph circulation disorders. Necrosis. Fundamentals of surgical oncology.

#### Section 4: “Stages of treatment of a surgical patient”

Contents of the section. First aid. Outpatient surgery. Inpatient surgery. Preoperative period. Operation period. Postoperative period.