

GENERAL SURGERY

- A. Asepsis, definition, tools, aseptic measurements
- A. Definition of antisepsis
- A. Wound infections
- A. Factors influencing the development of wound infections
- A. Principles of the treatment of wound infection
- A. Symptoms of tetanus, treatment
- A. Symptoms of gas gangrene, treatment
- A. Abscess, phlegmon, empyema
- A. Folliculitis, furuncle, carbuncle, hidradenitis, lymphadenitis, lymphangitis
- A. Types and symptoms of paronychia
- A. Etiology of hemorrhage, types of bleeding
- A. Acute Bleeding
- A. Definitive haemostatic methods, intraoperative haemostasis
- A. Thrombosis and embolism
- A. Thrombosis Prophylaxis
- A. Preoperative preparation of the patient
- A. Operative risk, contraindications, postoperative complications
- A. Types of open mechanical injuries
- A. Wound treatment and wound healing
- A. Principles of Surgical Oncology
- A. Basic concepts of organ transplantation
- A. The donor-question and the establishment of brain death
- A. Kidney transplantation
- A. Liver transplantation
- A. Pancreas transplantation, multiorgan transplantations
- A. Principles of the TNM classification
- A. Surgical principles of metastasis treatment

SPECIAL SURGERY

- B. Diseases of the adrenal gland, surgical aspects
- B. Tumors of the pancreas, radical and palliative surgery
- B. Symptoms and surgery of chronic pancreatitis
- B. Symptoms and surgery of acute pancreatitis
- B. Complications and treatment of gallstone disease
- B. Cholelithiasis and choledocholithiasis
- B. Treatment of portal hypertension
- B. Treatment of primary and secondary malignant tumours of the liver
- B. Treatment of the hepatic abscess and benign hepatic tumours
- B. Symptoms of intestinal obstruction (ileus) diagnosis, classification
- B. Types of mechanical intestinal obstruction, treatment
- B. Haemorrhoid, anal fistule and fissure, treatment of anorectal abscess
- B. Treatment of colorectal polyps
- B. Diagnosis and treatment of rectal cancer
- B. Malignant tumours of the colon, complications, operative techniques
- B. Diverticula's of the gastrointestinal tract
- B. Inflammatory diseases of the large intestine
- B. Symptoms of acute appendicitis, treatment
- B. Crohn's Disease
- B. Surgical treatment of gastric cancer
- B. Treatment of bleedings of the upper gastrointestinal tract
- B. Surgical treatment of esophageal tumors
- B. Hiatal hernia and treatment
- B. Diagnosis and therapy of breast cancer
- B. Malignant tumours of the thyroid gland
- B. Diagnosis and treatment of goitre
- B. Surgical aspects of the parathyroid gland diseases
- B. Postoperative hernia
- B. Umbilical hernia, epigastric hernia

B. Inguinal hernia, femoral hernia

B. Symptoms and therapy of incarcerated hernia

TRAUMA SURGERY

C. Treatment of the open fractures, guidelines, methods

C. Guidelines of the treatment of fractures

C. Osteosynthesis, methods

C. Clinical symptoms of fractures, diagnosis

C. Classification of skull fractures, and treatment principles

C. Concussion and contusion of the brain, head contusion and their treatment

C. Epidural and subdural hematoma

C. Definition of brain death

C. Examination of spinal injuries, diagnosis

C. Surgical indications in the management of spinal injuries

C. Fixation of vertebral fractures

C. Classification of the fractures of the vertebral column treatment, prognosis

C. Treatment and diagnosis of hemo- and pneumothorax

C. Guidelines for observing patient with blunt abdominal injuries

C. Types and treatment of the injuries of the shoulder girdle

C. Therapeutic methods of humeral fractures

C. Therapy of fractures of olecranon

C. Treatment of forearm fractures in adults

C. Typical radial bone fracture principals and methods of its treatment

C. Perilunaxation and fracture of the scaphoid bone. Therapy of Bennett's fracture

C. Types of pelvic fractures.

C. Types, therapy and probable complications of femoral fractures

C. Prognosis of intracapsular fractures of the femoral neck

C. Clinical symptoms of hip fractures

C. Diaphyseal fractures of the femur

C. Diagnosis and treatment of patellar fractures

- C. Types and consecutive treatment of ankle fractures
- C. Calcaneal fracture and its therapy
- C. Symptoms and therapy of achilles tendon ruptures
- C. Compartment syndrome of the lower extremity