

GENERAL SURGERY DEPARTMENT
 SPRING 6TH SEMESTER, AC. YEAR 2025-2026
 DENTISTRY FSF

PRACTICAL CLASSES SCHEDULE IN SURGICAL DISEASES

№	Classes from 09.02 to 12.06.2026/ Credit with a mark / Classes as 3 hrs Credit mark to be written on the RIGHT page of semester
1.	Introduction into discipline «Surgical Diseases». Desmurgy. Rules of medical ethics and deontology. Practical skill (with mark): the imposition of a typical bandage dressing
2.	Antiseptics and asepsis. Practical skill (with mark): hands hygiene and surgical scrubbing according to EN-1500 standard.
3.	Bleeding and blood loss. Practical skill (with mark): to apply a cloth tourniquet to stop arterial bleeding in the area of the hand, forearm, shoulder, foot, lower leg, thigh.
4.	Transfusion of donor blood, blood components, blood replacement solutions. Practical skill: terminal compression of main arteries. Interim control of topics 1-4.
5.	Specificity of examination of patients with surgical diseases. Surgical operation. Practical skill (with mark): execution on the phantom of a Z-shaped or purse-string suture for the final stop of bleeding.
6.	Common issues of anesthesiology and resuscitation. Tactics for emergency conditions. Practical skill: wound stitches removal.
7.	Wounds Practical skill: dressing fixation using tubular reticular band in the head and limb.
8.	Common and special issues of surgical infection. Practical skill: scrubbing in and gloving for surgery – as surgeon and as nurse. Interim control of topics 5-8.
9.	Basics of Oncology
10.	Vascular disorders. Practical skill: to determine pulsation of arteries.
11.	Acute appendicitis. Practical skill: operation field cleansing and draping.
12.	Diseases of the gallbladder and extrahepatic bile ducts
13.	Pancreatic diseases
14.	Peptic ulcer of the stomach and duodenum and its complications requiring surgical treatment
15.	Hernia of abdominal wall
16.	Acute ileus
17.	Peritonitis
18.	Diseases of the rectum and pararectal tissue. Credit with a mark.

LECTURE SCHEDULE IN SURGICAL DISEASES

№	Lecture topic	Lecture hall No. 109, 83 Dzerzhinski Ave	
1.	Asepsis and antiseptics.	10.02 14.50-15.50	associate prof. Koshevski PP
2.	Bleeding and blood loss	24.02 14.50-15.50	associate prof. Koshevski PP
3.	Transfusion of donor blood, blood components, blood replacement solutions	03.03 13.40-14.40	associate prof. Derkachev VS
4.	General issues of anesthesiology and resuscitation. Tactics in emergency situations.	10.03 14.50-15.50	associate prof. Fateeva OA
5.	Wounds.	24.03 14.50-15.50	associate prof. Tarasenko AV
6.	General and specific issues of surgical infection.	7.04 14.50-15.50	associate prof. Chur SN

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GENERAL SURGERY DEPARTMENT
 SPRING 4TH SEMESTER, AC. YEAR 2025-2026

FSF ENG

MEDICAL CARE AND MANIPULATION TECHNIQUES

№	Classes 09.02 to 05.06.2026 as 3hrs/Exam
1.	Insertion of orogastric tube. Insertion of nasogastric tube Practical skill: Insertion of a nasogastric tube into the stomach. Tube feeding of the patient. Tube gastric lavage
2.	Insertion of a rectal catheter. Cleansing enema. Siphon, drug and oil enemas. Practical skill (with mark): Cleansing enema. Practical skill: Medicinal (oil) enema.
3.	Urinary catheterization using urological catheter. Practical skill: Urinary catheterization using a Nelaton urological catheter. Urinary catheterization using a urological Foley catheter. Urine sampling for laboratory testing using a catheter.
4.	Procedure room, principles of work organization. Practical skill: hygienic hand antisepsis. Practical skill (with mark): donning and removal of non-sterile examination gloves.
5.	Parenteral route of medicine administration. Withdrawal of solution from an ampoule and a vial into a syringe. Performing an subcutaneous injection/ Practical skill: withdrawal of medicines from ampoule/ vial into a syringe. Practical skill (with mark): Subcutaneous injection.
6.	Performing an intramuscular injection. Performing an intradermal injection. Subcutaneous insulin injection. Practical skill (with mark): intramuscular injection
7.	Rules for venipuncture. Blood sampling from a vein. Intravenous medicine administration using a syringe. Practical skill: blood sampling from a vein with a syringe. Blood sampling from a vein with a vacuum system (vacutainer). Practical skill (with mark): Intravenous medicine administration using a syringe.
8.	Insertion of a peripheral venous catheter. Practical skill: Insertion of a peripheral venous line. Peripheral venous line care. Peripheral venous line removal/
9.	Filling the infusion system. Intravenous medicine administration using an infusion system. Use of butterfly needle for small veins. Practical skill: filling of the infusion system. Intravenous medicine administration using an infusion system. Infusion therapy using a peripheral venous line. Intravenous medicine administration using a device for infusion into small veins «butterfly needle».
10.	Performing injections and infusions in the ward of a hospital organization, at home and at the place of an accident. Interim control of topics 1-10.
11.	Operation block, principles of work organization. Practical skill: surgical hand antisepsis. Sterile gloves donning. Donning a sterile gown and gloves. Preparation of the operation field.
12.	Dressing room, principles of work organization. Practical skill: preparation for sterilization of dressing material and medical instruments.
13.	Preoperative patient preparation. Practical skill: transportation of patients.
14.	Monitoring and medical care of patients in the postoperative period. Practical skill: care of tracheostomy.
15.	Monitoring and medical care of patients with mechanical and thermal injuries. Practical skill: Performing of wound dressing.
16.	Specifics of monitoring and medical care of patients in the department of septic surgery. Practical skill: Care of gastrostomy. Care of colostomy/
17.	Monitoring and medical care of patients with plaster casts and skeletal traction Interim control of topics 10-17.

LECTURE SCHEDULE IN MEDICAL CARE AND MANIPULATION TECHNIQUES

№	Тема лекции	FSF III Classroom 4, Dzerzhinski Ave,83	FSF IV Classroom 109, Dzerzhinski Ave,83 15.00-16.00	Lecturer
1.	Dressing room, principles of work organization.	16.02 14.30-15.30	13.02	associate prof. Chur SN
2.	Parenteral route of medicine administration.	23.02 14.30-15.30	27.02	associate prof. Koshevski PP
3.	Rules for venipuncture. Ensuring the safety and specifics of preparing the patient for blood sampling for laboratory tests.	09.03 14.30-15.30	13.03	associate prof. Tarasenko AV
4.	Operating block, principles of work organization.	30.03 13.20-14.20	27.03	assistant prof. Novikov SV
5.	Preoperative preparation of the patient. Monitoring and medical care of patients in the postoperative period.	06.04 14.30-15.30	10.04	associate prof. Fateeva OA
6.	Monitoring and medical care of patients with mechanical and thermal injuries. Features of monitoring and medical care of patients in the department of septic surgery.	27.04 14.30-15.30	08.05	associate prof. Antiperovich OF

Lectures for the group 6230 (FSF III , 8.00-9.00, 19.02, 05.03, 19.03, 16.04, 30.04, 14.05) are to be delivered by associate prof. associate prof. Koshevski PP

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GENERAL SURGERY DEPARTMENT
 SPRING SEMESTER, AC. YEAR 2024-2025
 GENERAL SURGERY DEPARTMENT FSF
 MEDICAL CARE AND MANIPULATION TECHNIQUES
 Groups **5101** (17.03-25.03, 26.03-31.03, exam 06.04.2026),
5102 (13.05-21.05, 25.05-28.05, exam 01.06.2026)
 7 lessons 8.00-13.00 (lecture included) and 4 lessons 9.00-12.50

№	Classes as 5 hrs, last 4 hours (total 54 hours)
1.	Insertion of orogastric tube. Insertion of nasogastric tube Practical skill: Insertion of a nasogastric tube into the stomach. Tube feeding of the patient. Tube gastric lavage. Insertion of a rectal catheter. Cleansing enema. Siphon, drug and oil enemas. Practical skill (with mark): Cleansing enema. Practical skill: Medicinal (oil) enema.
2.	Urinary catheterization using urological catheter. Practical skill: Urinary catheterization using a Nelaton urological catheter. Urinary catheterization using a urological Foley catheter. Urine sampling for laboratory testing using a catheter. Procedure room, principles of work organization. Practical skill: hygienic hand antisepsis. Practical skill (with mark): donning and removal of non-sterile examination gloves.
3.	Parenteral route of medicine administration. Withdrawal of solution from an ampoule and a vial into a syringe. Performing an subcutaneous injection/ Practical skill: withdrawal of medicines from ampoule/ vial into a syringe. Practical skill (with mark): Subcutaneous injection.
4.	Performing an intramuscular injection. Performing an intradermal injection. Subcutaneous insulin injection. Practical skill (with mark): intramuscular injection
5.	Rules for venipuncture. Blood sampling from a vein. Intravenous medicine administration using a syringe. Practical skill: blood sampling from a vein with a syringe. Blood sampling from a vein with a vacuum system (vacutainer). Practical skill (with mark): Intravenous medicine administration using a syringe. Insertion of a peripheral venous catheter. Practical skill: Insertion of a peripheral venous line. Peripheral venous line care. Peripheral venous line removal
6.	Filling the infusion system. Intravenous medicine administration using an infusion system. Use of butterfly needle for small veins. Practical skill: filling of the infusion system. Intravenous medicine administration using an infusion system. Infusion therapy using a peripheral venous line. Intravenous medicine administration using a device for infusion into small veins «butterfly needle». Performing injections and infusions in the ward of a hospital organization, at home and at the place of an accident. Interim control of topics 1-6.
7.	Operation block, principles of work organization. Practical skill: surgical hand antisepsis. Sterile gloves donning. Donning a sterile gown and gloves. Preparation of the operation field.
8.	Dressing room, principles of work organization. Practical skill: preparation for sterilization of dressing material and medical instruments.
9.	Preoperative patient preparation. Practical skill: transportation of patients. Monitoring and medical care of patients in the postoperative period. Practical skill: care of tracheostomy.
10.	Monitoring and medical care of patients with mechanical and thermal injuries. Practical skill: Performing of wound dressing. Specifics of monitoring and medical care of patients in the department of septic surgery. Practical skill: Care of gastrostomy. Care of colostomy
11.	Monitoring and medical care of patients with plaster casts and skeletal traction Interim control of topics 7-11.

№	Lecture topics
1.	Dressing room, principles of work organization.
2.	Parenteral route of medicine administration.
3.	Rules for venipuncture. Ensuring the safety and specifics of preparing the patient for blood sampling for laboratory tests.
4.	Operating block, principles of work organization.
5.	Preoperative preparation of the patient. Monitoring and medical care of patients in the postoperative period.
6.	Monitoring and medical care of patients with mechanical and thermal injuries.
7.	Features of monitoring and medical care of patients in the department of septic surgery.

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GENERAL SURGERY DEPARTMENT
 SPRING 6TH SEMESTER, AC. YEAR 2025-2026
 GENERAL MEDICINE

PRACTICAL CLASSES SCHEDULE IN GENERAL SURGERY

№	Classes from 09.02. to 05.06.2026/ Exam / Classes as 3 hrs
1.	Surgical infection. Practical component: The academic medical record of an inpatient is completed over 1–3 teaching sessions, submitted for assessment, and graded during the 4th session.
2.	Acute suppurative diseases of the skin and subcutaneous tissue.
3.	Surgical infection of the lymphatic and venous systems. Infection of glandular organs.
4.	Infections of the fingers and hand. Topic 1 assessment: Mark awarded for the academic medical record of an inpatient.
5.	Surgical infection of bones and joints. Osteoarticular tuberculosis.
6.	Chronic specific surgical infections. Actinomycosis.
7.	Osteomyelitis.
8.	Anaerobic clostridial and non-clostridial infections. Tetanus. Rabies. Anthrax.
9.	Surgical infection of serous cavities. Purulent pericarditis. Purulent pleuritis. Peritonitis.
10.	Sepsis. Interim assessment on topics 2–10.
11.	Acute arterial insufficiency of the limbs.
12.	Chronic arterial insufficiency of the limbs.
13.	Acute venous insufficiency.
14.	Chronic venous insufficiency. Chronic disorders of lymphatic drainage.
15.	Diabetic foot syndrome. Interim assessment on topics 11–15.
16.	Trophic and necrotic changes of soft tissues: necrosis, gangrene, trophic ulcer, fistula, pressure ulcer. Eligibility for the examination.

LECTURE SCHEDULE IN GENERAL SURGERY

№	Lecture topic	FSF I 3rd Klumov from clinical Hospital, 30 Lenin St. 11.15-12.15.	Lecturer
1.	Examination of a surgical patient	13.02.	assistant prof. Klimuk SA
2.	General issues of surgical infection	27.02.	associate prof. Derkachev VS
3.	Acute specific surgical infection. Anaerobic infection.	13.03.	associate prof. Tarasenko AV
4.	Chronic specific surgical infection. Anaerobic infection.	27.03.	associate prof. Chur SN
5.	Arterial insufficiency	10.04.	associate prof. Tarasenko AV
6.	Trophic and necrotic lesions of soft tissues	24.04.	assistant prof. Novikov SV

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GENERAL SURGERY DEPARTMENT
 SPRING 4TH SEMESTER, AC. YEAR 2025-2026
 GENERAL MEDICINE

PRACTICAL CLASSES SCHEDULE IN GENERAL SURGERY

№	Classes from 09.02 to 05.06.2026 / Credit / Classes as 2,5 hrs
1.	Introduction to the "General Surgery" discipline. History of the development of surgery. Legal and ethical aspects in surgical practice. Organization of surgical care in the Republic of Belarus.
2.	Asepsis. Routes of infection spread. Organization of a surgical hospital. Prevention of endogenous infection. Nosocomial (hospital) infection/ healthcare-associated infection. Prevention of healthcare-associated infection. Practical skill (with a mark). Hygienic and surgical hands treatment according to the EN-1500 standard.
3.	Prevention of exogenous contact infection. Principles and methods of high-temperature and low-temperature sterilization. Surgical scrubbing and operative field treatment. Features of sterilization of surgical instruments, dressings and surgical linen. Prevention of implantation infection. Characteristics of the suture material. Metric system. Assess the sterility of instruments, dressing materials and surgical linen that have been sterilized with dry-heat and in an autoclave.
4.	Antiseptics. Main types. Components of mechanical antiseptics (PST, SST, wound cleansing). Components of physical antiseptics. Types of drainage. Technical means of physical impact. Environmental factors.
5.	Antiseptics. Classification and examples of chemical antiseptics. The concept and types of drugs. Classification and examples of biological antiseptics. Classes of immunocorrective preparations and bacteriophages. Methods for correcting immunoresistance. Classes and examples of antibiotics. The concept of antibiotic prophylaxis. Interim control of topics 1-5.
6.	Hemostasis. Bleeding, blood loss. Methods and mechanisms of physiological hemostasis. The concept of physiological anticoagulants and the fibrinolysis system. Syndrome of hypocoagulation (DIC) and hypercoagulability. Causes, treatment tactics.
7.	Bleeding, blood loss. types, classification, severity, outcomes and complications. Assessment of circulating blood volume loss. Moore's formula. Types of therapeutic hemostasis. Reconstructive and restorative and endovascular interventions, special devices for final hemostasis (Blackmore's tube, Cook's rings, Danita's stent). The concept of intrahepatic portosystemic shunting (TIPS). Types of coagulation. Types of local and systemic hemostatics. Types of local biological hemostatic agents. Practical skill (with a mark). Apply Esmarch's tourniquet or tourniquet-twist/Russian tourniquet, and CAT-TQ in case of injury to the arteries in of hand, forearm, shoulder, foot, lower leg, thigh. Indicate the locations where the tourniquet is ineffective/ forbidden.
8.	Clinical transfusiology. Basic immunological aspects. Characteristics of ABO groups and its anomalies. Rh factor system. The concept of stem hematopoietic cells. Indications, contraindications, methods of transfusion of blood components. Routes of administration, preservatives. Methods for determining blood group and Rh factor. Compatibility tests, bioassay. Posttransfusion reactions and complications. Types, manifestations, treatment tactics. Practical skill: Main arteries compression (for temporary bleeding control)
9.	Blood components. Blood products. Features, contraindications, indications and their use. Blood substitutes. Classification. Groups, representatives, indications for use. Conduct a bioassay for blood products transfusion. Explain its specifics under general anesthesia. Explain the procedure for monitoring the patient during and after blood transfusion. Practical skill (with a mark). Apply Z-stitch, purse-string stitch and single interrupted stitch with instrumental knot. Interim control of topics 6-9.
10.	Endogenous intoxication in surgery. Water-electrolyte disorders and the acid-base disorders in surgical practice. Basic concepts. Types of toxins. Varieties of endotoxiosis. Principles of diagnostics. Medical directions. Types of extracorporeal detoxification. Types of water spaces. Types of electrolyte balance disorders. The main buffer systems of the blood. Types of BAS disorders. principles of their treatment. Groups of blood substitutes for correction.
11.	Nutrition of the surgical patient. Nutritional status. Assessment of nutritional status. Parenteral nutrition. Indications. The concept of performance. Types of blood substitutes used, their administration. Indications. Types of standard diets in surgery. The concept of sipping. Types of artificial parenteral nutrition, routes and regimens of their administration. Types of basic endopits. indications for their administration.
12.	Fundamentals of anesthesiology. Pain syndrome. The concept of transduction, transmission, modulation, perception. Types of alkogens. Pain classification. Diagnostic criteria for pain syndrome (VAS, SVO-scales). шкалы). Principles of treatment. Anesthesia methods. Groups of analgesics and their representatives. Treatment of chronic pain syndrome. Routes of administration of anesthetics.
13.	Local anesthesia. Indications and contraindications. Classification of local anesthetics. Varieties of local anesthesia. Other types of anesthesia: intravenous, intraosseous, infiltration, conduction anesthesia. Novocaine (procaine) blocks. Technique, indications.
14.	Fundamentals of resuscitation. Critical vital function disorders. Types of shock, their clinical manifestations, principles of preclinical diagnosis and treatment. Preagony, agony, clinical death, signs. Stages of basic cardiopulmonary resuscitation. Criteria for its effectiveness. Management of cardiac arrest. Electrical defibrillation. inotropic support. Practical skill. Cardiopulmonary resuscitation in surgical hospital. Interim control, topics 10-14
15	Surgical interventions/operations. Definition, indications and contraindications, operational risk. Classification of the main types. The concept of robotic operations, VR-, 3D-, NOTES-technology. Stages of the operation. Types of completion of operations. Prevention of postoperative complications. Practical skill. Single stitch

16.	Preoperative period. Definition, tasks, varieties, features of the stages and their components, preoperative preparation. Treatment of the operating field. Operational risk assessment (ASA scale). Premedication. Antibacterial prophylaxis, thromboembolism prevention. Practical skill. Playing a role of scrub nurse, put on sterile gown and don gloves; assist surgeon in gowning and gloving.
17.	Postoperative period. Definition, purpose, tasks. Characteristics of the phases of the course of the uncomplicated period. The concept of the program and method of accelerated recovery (Fast Track Surgery; ERAS). Complicated postoperative period. The main types of complications, their prevention. Grading scales Claven-Dindo, Satave. Interim control, topics 15-17. CREDIT lesson.

LECTURE SCHEDULE IN GENERAL SURGERY

№	Lecture topic	FSF III Classroom 5, Dzerzhinski Ave,83 14.40-15.40	FSF IV Classroom 109, Dzerzhinski Ave,83	Lecturer
1.	Introduction to the academic discipline "General Surgery"	26.02	27.02 13.50-14.50	associate prof. Koshevski PP
2.	Aseptic and antiseptic	12.03	06.03 15.00-16.00	associate prof. Koshevski PP
3.	Bleeding and blood loss	26.03	13.03 13.50-14.50	associate prof. Koshevski PP
4.	Blood groups. Donation. Transfusion of blood and its components.	09.04	27.03 13.50-14.50	associate prof. Derkachev VS
5.	Fundamentals of clinical transfusiology	23.04	10.04 13.50-14.50	assistant prof. Novikov SV
6.	Surgical intervention.	07.05	24.04 13.50-14.50	associate prof. Chur SN

Lectures for the group 6230 (FSF III , 8.00-9.00, 12.02, 26.02, 12.03, 26.03, 23.04, 07.05) are to be delivered by associate prof. associate prof. Koshevski PP

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