

MINISTRY OF HEALTH OF THE REPUBLIC OF BELARUS  
EDUCATIONAL INSTITUTION  
«GOMEL STATE MEDICAL UNIVERSITY»

**AGREED**

Dean of the Faculty of International  
Students of the educational institution  
"Gomel State Medical University"

K.N.Shcharbakova

24.04.2026

**APPROVING**

Rector of  
Educational Institution  
«Gomel State Medical  
University»

I.V.Nazaranka

24.04.2026

Registration number 157

**PROGRAM  
PRODUCTION PRACTICE  
«MEDICAL CLINICAL»  
for the specialty  
1-79 01 01 « General Medicine»  
5 course**

The curriculum is based on the educational standard of higher education OSVO 1-79 01 01-2021 for the specialty 1-79 01 01 "General Medicine", approved and enacted by Resolution No. 14 of the Ministry of Education of the Republic of Belarus dated 26.01.2022; the curriculum of the educational institution "Gomel State Medical University" for the specialty 1-79 01 01 "General Medicine", approved by the Rector of the University on 30.05.2024, registration No. L 79 01 01-2024-001/LD; the curriculum of the educational institution "Gomel State Medical University" for the specialty 1-79 01 01 "General Medicine", approved by the Rector of the University on 02.07.2021, registration No. L 79 01 01-2021-005/FIS.

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**RECOMMENDED FOR APPROVAL BY:**

Department of Internal Diseases No. 1 with Courses of Endocrinology and Hematology (protocol №13 of 17.03.2026);

Department of Surgical Diseases No. 1 with a Course of Cardiovascular Surgery (protocol №5 of 13.03.2026);

Department of Obstetrics and Gynecology with a Course of the Faculty of Advanced Training and Retraining (protocol №10 of 31.03.2026);

Department of Public Health and Healthcare with a Course of the Faculty of Advanced Training and Retraining (protocol №26 of 26.03.2026);

Council of the Faculty of General Medicine (protocol № 8 of 27.04.2026);

Scientific and Methodological Council of the Educational Institution "Gomel State Medical University" (protocol № 5 of 27.04.2026).

## EXPLANATORY NOTE

**The aim** of the clinical internship "Clinical Medical Practice" is to consolidate, deepen and systematize the knowledge acquired during theoretical training, to equip students with professional skills and competencies in the specialty 1-79 01 01 "General Medicine", to gain practical experience, to develop professional thinking, and to assess the ability of the future specialist to independently perform professional functions.

**The objectives** of the clinical internship "Clinical Medical Practice" are to acquire and consolidate the skills of providing medical care to patients in outpatient and inpatient settings.

Upon completion of the clinical internship "Clinical Medical Practice", the student **must know:**

***(module "Therapy")***

the organization of work of the basic department of therapeutic profile;  
regulatory documents governing the work of departments of therapeutic profile;

the specifics of examination and treatment of patients of therapeutic profile in inpatient settings, in accordance with the regulatory legal documents of the Ministry of Health of the Republic of Belarus;

issues of etiology, pathogenesis, classification, clinical presentation, principles of diagnosis, differential diagnosis and treatment of major diseases of internal organs;

etiology, pathogenesis, clinical presentation, diagnosis and principles of emergency care for urgent conditions in the clinic of internal diseases;

rules for storing medicines;

the procedure for issuing sick leave certificates in inpatient settings;

criteria for discharging a patient from the hospital;

standards of deontology when working with severe, oncological patients and their relatives in inpatient settings.

***(module "Surgery")***

characteristics of the surgical service organization;

standards for the treatment of major surgical diseases;

diagnosis and treatment of acute surgical diseases in inpatient care;

***(module "Obstetrics and Gynecology")***

organization of work of the antenatal clinic, maternity hospital, gynecological department of the hospital;

features of examination and treatment of pregnant and gynecological patients in the hospital, antenatal clinic;

physiological course of pregnancy, childbirth, postpartum period;

methods of pregnancy diagnostics and assessment of the condition of the fetus;

protocol of medical supervision of a physiologically progressing pregnancy, childbirth, postpartum period, newborn period;

protocol for the diagnosis and treatment of major complications of pregnancy, childbirth, and the postpartum period;

protocol for the diagnosis and treatment of major gynecological diseases;

emergency conditions in obstetrics and gynecology and principles of emergency care;

protocol for preoperative examination for elective and emergency gynecological surgeries;

management of the postoperative period after caesarean section and gynecological surgeries;

principles of family planning and basic methods of contraception.

***(module "Public Health and Healthcare")***

legislation of the Republic of Belarus in the field of healthcare;

organization of preventive work with patients, organization of medical check-ups of the population and the essence of the dispensary method;

work of the Medical Advisory Commission (MAC) and the Medical Rehabilitation Expert Commission (MREC) where available;

medical documentation, rules for completing and coding sick leave certificates and medical death certificates.

**be able to:**

***(module "Therapy")***

conduct an interview with the patient (or their relatives) to obtain complete information about the disease and possible causes of its occurrence in typical cases (history taking);

perform a physical examination of the patient (inspection, palpation, percussion, auscultation, thermometry, blood pressure measurement, etc.) to identify objective signs of the disease;

interpret the results of laboratory and instrumental examination of the patient;

interpret data from functional and stress tests: evaluate results of 24-hour ECG and blood pressure monitoring, spirometry with bronchodilator test, pulse oximetry;

determine indications and contraindications for invasive diagnostic interventions (pleural puncture, biopsy, endoscopic studies) and assess the risks of performing them;

perform diagnosis and differential diagnosis of major diseases of internal organs, formulate a plan for laboratory and instrumental examination and treatment of patients with major diseases of internal organs;

formulate a clinical diagnosis (primary, complications of the primary, concomitant);

perform basic diagnostic and therapeutic medical procedures;

provide emergency care for conditions such as hypertensive crisis, acute coronary syndrome (unstable angina, acute myocardial infarction), acute left ventricular failure, cardiac arrhythmias and conduction disorders, pulmonary embolism, suffocation, bronchial asthma attack, laryngeal edema, pneumothorax, coma (diabetic, hepatic, uremic, anemic), shock (cardiogenic, anaphylactic, infectious-toxic, traumatic, hemorrhagic), gastrointestinal and pulmonary bleeding, allergic reactions, renal and hepatic colic, loss of consciousness (due to hemodynamic disorders, bleeding, cerebrovascular accidents, eclampsia), poisonings of various origins (hypnotics, alcohol, etc.), animal and insect bites, hyperthermic syndrome, convulsive syndrome, dehydration syndrome, alcohol delirium;

determine indications for emergency and planned hospitalization of patients;  
 maintain medical records in electronic and paper form: create an electronic medical record, discharge summary, interim summaries, prescriptions for subsidized and regular medications;

carry out rehabilitation measures and conduct prevention of diseases of internal organs;

conduct discussions and give lectures on current medical topics (health education work);

maintain medical records, write prescriptions for medications;

carry out educational and research work;

***(module "Surgery")***

collect complaints and medical history, conduct a physical examination;

make a plan for laboratory and instrumental examination;

evaluate the results of general blood and urine tests, biochemical blood analysis, coagulogram, blood cultures, exudate, etc.;

identify signs of major surgical diseases on radiographs, ultrasonograms, etc.;

diagnose major surgical diseases, formulate indications for surgery, draw up a plan for preoperative preparation and postoperative management;

make a differential diagnosis;

keep medical records;

provide emergency care;

assist in basic operations with the 2nd and 1st assistant;

know the technique of medical manipulations, perform some of them under the supervision of a doctor;

***(module "Obstetrics and Gynecology")***

to collect obstetric and gynecological anamnesis;

to form a medical supervision plan during pregnancy, to determine the level of delivery, the method of delivery, and the delivery management plan;

manage the I, II, and III periods of physiological labor, and the early postpartum period;

provide obstetric assistance during the II period of labor;

to perform the initial toilet of the newborn and assess its condition using the Apgar score;

prescribe the necessary diagnostic and therapeutic measures for complications during pregnancy, extragenital diseases, and gynecological disorders;

to interpret the results of laboratory and instrumental examinations;

to formulate a clinical diagnosis (main, complications of the main, concomitant);

to provide emergency care to obstetric and gynecological patients;

to consult (give recommendations) on family planning, preconception preparation, and contraceptive methods;

to maintain medical documentation;

to conduct health education and research activities.

***(module "Public Health and Healthcare")***

prepare medical and organizational-administrative documents of healthcare organizations;

calculate and analyze, using computer technologies, indicators of population health and performance indicators of healthcare organizations of various types;

evaluate the results of medical check-ups of the population in healthcare organizations;

correctly complete and maintain basic accounting and reporting medical-statistical documentation;

perform calculations and evaluate performance indicators and defect indicators;

carry out work on medical-hygienic education and formation of a healthy lifestyle among the population;

use instructional and methodological materials in addressing issues of medical-labor expertise and complete the relevant documentation for the organization of medical-social expertise (expertise of patients' life activity impairments);

evaluate the performance of healthcare organizations based on final outcome models, calculate the coefficient of achievement of results;

analyze the achieved performance indicators of healthcare organizations, comparing them with standard indicators;

develop management decisions and make proposals for improving the performance of healthcare organizations and enhancing the quality of medical care provided to the population.

**be proficient in:**

***(module "Therapy")***

skills in performing physical examination of the patient;

skills in performing electrocardiogram recording and its interpretation;

skills in performing blood glucose measurement;

skills in performing peak flowmetry and its interpretation;

skills in subcutaneous, intramuscular injections and intravenous infusions;

skills in gastric lavage;

skills in pleural cavity puncture for pleural effusion, abdominal cavity puncture for ascites;

skills in performing basic cardiopulmonary resuscitation;

skills in providing emergency medical care for hypertensive crisis, bronchial asthma attack, pulmonary embolism, acute coronary syndrome, angina attack, pulmonary edema, cardiogenic shock, syncope, collapse, life-threatening cardiac arrhythmias and conduction disorders, renal and hepatic colic attack, acute pancreatitis, diabetic coma, acute allergic reactions, pulmonary and gastrointestinal bleeding.

***(module "Surgery")***

methods of medical history collection, examination and physical examination of patients with suspected surgical pathology;

the method of identifying the most common symptoms of surgical diseases;

the technique of assisting with the most frequently performed surgical interventions;

surgical wound treatment skills;

the technique of applying and removing skin sutures;  
 the technique of care of pleural drains and drains in the abdominal cavity, as well as the technique of their removal;  
 the method of conducting a finger rectal examination.

***(module "Obstetrics and Gynecology")***

skills in providing obstetric care during delivery in the vertex position;  
 skills in conducting external and internal obstetric examinations, measuring pelvic dimensions, determining the estimated weight of the fetus, listening to the fetal heartbeat, and determining blood loss during delivery;  
 skills in conducting speculum examinations, collecting biological material from the genital tract, and performing a bimanual vaginal examination;  
 skills in recording and interpreting cardiotocograms;  
 skills in providing medical care for emergency conditions in obstetrics and gynecology: eclampsia, amniotic fluid embolism, early postpartum bleeding, hemorrhagic shock, pulmonary thromboembolism and anaphylactic shock.

***(module "Public Health and Healthcare")***

skills in statistical analysis;  
 basic techniques for processing scientific data;  
 methods for assessing public health of the population;  
 methods for evaluating the performance of healthcare organizations;  
 methods for making management decisions;  
 skills in developing a set of preventive measures;  
 methods for assessing efficiency in healthcare.

As a result of completing the clinical internship, students must not only acquire practical skills and competencies, consolidate theoretical knowledge, but also develop their value-personal potential, cultivate the qualities of a patriot and citizen ready for active participation in the economic, productive, socio-cultural and public life of the country; understand the social significance of their future professional activity, learn to observe academic and labor discipline, norms of medical ethics and deontology.

**A total** of 432 academic hours are allocated for the clinical internship "Clinical Medical Practice" over 8 weeks upon completion of the 10th semester, of which 288 are classroom hours and 144 hours are independent student work.

For the completion of the clinical internship in the module "Therapy", 11 calendar days are allocated, 79 classroom hours, of which 2 hours are supervised independent student work (SISW).

For the completion of the clinical internship in the module "Surgery", 11 calendar days are allocated, 79 classroom hours, of which 2 hours are SISW.

For the completion of the clinical internship in the module "Obstetrics and Gynecology", 11 calendar days are allocated, 79 classroom hours, of which 2 hours are SISW.

For the completion of the clinical internship in the module "Public Health and Healthcare", 7 calendar days are allocated, 51 classroom hours, of which 2 hours are SISW.

Interim assessment is conducted in the form of a differentiated pass/fail examination.

For students of the Faculty of International Students, interim assessment is conducted in the form of a differentiated pass/fail examination for each module.

### **GENERAL ISSUES OF ORGANIZATION AND QUALITY CONTROL OF PRACTICE PROGRAM IMPLEMENTATION**

General supervision of the clinical internship is carried out by the internship supervisor from the university, direct supervision is carried out by the internship supervisor(s) from the department.

Students complete the clinical internship at practice bases corresponding to the specialty profile, approved by order of the Ministry of Health of the Republic of Belarus, on the basis of the order of the Rector of the University and concluded agreements with healthcare organizations.

At the practice bases, general supervision of the clinical internship is carried out by the head of the healthcare organization or their deputy. Direct supervision of the clinical internship is carried out by an employee of the healthcare organization from among the most qualified specialists, appointed by order of the head of the healthcare organization.

Control over the implementation of the practice program and consultative assistance are assigned to the internship supervisors from the department and the healthcare organization; conducting the differentiated pass/fail examination is assigned to the internship supervisors from the departments. A representative of the practice base may be involved as an expert in conducting the differentiated pass/fail examination.

The intermediate assessment is conducted in the form of a differentiated assessment during the first four weeks of the next academic year.

The differentiated pass/fail examination is conducted by the internship supervisors from the departments in two stages:

The differentiated pass/fail examination includes a demonstration of practical skills mastered by the student using departmental equipment and simulation equipment of the Educational Center for Practical Training and Simulation Education, which is conducted in the form of an objective structured clinical examination for the modules "Surgery" and "Obstetrics and Gynecology", and for the module "Therapy" – at the clinical bases of the departments;

The differentiated pass/fail examination is conducted provided that the student has a practice log, a written report on the implementation of the practice program, and a written reference on the student's completion of the practice.

## CALENDAR AND THEMATIC PLAN OF PRACTICE

The name of the practice section, the name of the work	Number of days	Number of classroom hours
<b>1. Module "Therapy"</b> Work in the departments of the therapeutic profile	<b>11</b>	<b>79</b>
<i>SIWS</i>		2
<b>2. Module "Surgery"</b> Work in surgical departments	<b>11</b>	<b>79</b>
<i>SIWS</i>		2
<b>3. Module "Obstetrics and Gynecology"</b> Work in the Department of Pregnancy Pathology, Maternity Department, Postpartum Department, Gynecological Department and Antenatal Clinic.	<b>11</b>	<b>79</b>
<i>SIWS</i>		2
<b>4. Module "Public health and healthcare"</b> Organization of medical care to the population in accordance with one of the individual tasks of the module "Public Health and Healthcare"	<b>7</b>	<b>51</b>
<i>SIWS</i>		2
<b>Total hours:</b>	<b>40</b>	<b>288</b>
<i>of these SIWS</i>		<b>8</b>

## PRACTICE CONTENT

### **1. Work in departments of therapeutic profile (cardiology, rheumatology, gastroenterology, pulmonology, etc.)**

Structure, organization of work and documentation regulating the work of a therapeutic department of a medical institution, duties and rights of a resident physician, basic principles of patient management in a therapeutic profile, completion of medical records upon admission and discharge of a patient. Familiarization with the organization and specifics of work of a therapeutic department, the sequence of admission, management and discharge of patients, completion of medical records and medical documentation. Mastering practical skills of completing and maintaining medical documentation upon admission and discharge of patients (medical records, statistical cards, epicrises, examination for oncological diseases and possible infectious diseases, assessment of the patient's psychological status).

Organization of the diagnostic and treatment process in a therapeutic department, mastering practical skills of diagnosis and treatment of patients with diseases of internal organs, providing emergency care for life-threatening conditions. Familiarization with the organization of the diagnostic and treatment process in a therapeutic department: the order and principles of subjective and physical examination of patients, principles of formulating a plan for laboratory and instrumental examination and treatment of a patient of therapeutic profile. Mastering new and consolidating previously acquired practical skills of monitoring and examining patients, interpreting data from subjective, physical, laboratory and instrumental examination of patients, applying these data to establish a diagnosis of the disease, assess disease dynamics and treatment effectiveness; providing emergency medical care for attacks of bronchial asthma, angina pectoris, hypertensive crises, acute myocardial infarction, acute left ventricular failure, allergic reactions, cardiac arrhythmias and conduction disorders, diabetic comas, renal and hepatic colic.

Organization of work of radiology departments. Basic regulatory documents. Equipment. Safety standards during radiological examinations. Functional duties of a physician of a radiology department (office). Basic regulatory documents governing the activities of radiology departments. Equipment. Safety standards during radiological examinations. Nomenclature of radiation protection means for personnel and patients. Procedure for determining and recording individual effective patient radiation doses. Forms of accounting and reporting documentation.

Familiarization with the main types of radiological diagnostic examinations. Familiarization with the main types of radiological diagnostic examinations (radiography, computed tomography, spiral tomography, magnetic resonance imaging, fluoroscopy, teleroentgenography, direct magnification radiography, roentgenfluorography). Artificial contrast in radiology (X-ray contrast examination of the gastrointestinal tract, urography, myelography, angiography). Procedure for using contrast agents. Organization of emergency care.

Organization of work of an endoscopy department. Basic regulatory documents. Equipment. Familiarization with the main types of endoscopic

examinations (esophagogastroduodenoscopy, fibero colonoscopy, bronchoscopy, retrograde cholangiopancreatography). Biopsy technique. Preparation of the patient for endoscopic examinations. Interpretation of the results obtained.

Organization of work of an ultrasound diagnostics office. Basic regulatory documents. Equipment. Safety standards during ultrasound examinations. Organization of work of an ultrasound diagnostics office. Functional duties of a physician of an ultrasound diagnostics department (office). Basic regulatory documents. Equipment. Sanitary norms and rules for conducting ultrasound examinations and minimally invasive interventions under ultrasound guidance. Preparation of patients for transabdominal and transrectal ultrasound examinations. Forms of accounting and reporting documentation.

Organization of work of a functional diagnostics department. Basic regulatory documents. Equipment. Indications, contraindications for performing ECG, Holter monitoring, bicycle ergometry, spirometry, rheovasography. Interpretation of results. Forms of accounting and reporting documentation.

Structure, organization of work of a clinical diagnostic laboratory. Principles of organization and conduct of clinical laboratory tests. Quality assurance of laboratory tests. Presentation of laboratory test results and their interpretation.

## **2. Work in surgical departments (surgical, traumatology, vascular, burn, neurosurgical, urological, ophthalmological, otorhinolaryngological, etc.).**

The structure and organization of the surgical department, the study of medical documentation, performance indicators (analysis and evaluation of the dynamics of indicators). Work as an assistant to a resident physician, supervising 4-6 patients, filling out medical records, issuing discharge epicrisis, performing various diagnostic and therapeutic manipulations. Self-collection of medical history from patients, filling out medical records, determining the examination and treatment plan. Performing some surgical procedures under the supervision of the department head. Assistance in operations. Performing bandages, removing stitches, removing drains, applying plaster bandages. Work in the emergency department under the supervision of the doctor on duty. First aid. Participation in X-ray, ultrasound and endoscopic examinations. Presence at pathoanatomic autopsies. Participation in hospital production meetings, clinical and anatomical conferences.

## **3. Work in the Department of Pregnancy Pathology, Maternity Department, Postpartum Department, Gynecological Department and Antenatal Clinic.**

The structure and organization of the medical and diagnostic process in the Department of Pregnancy Pathology. Mastering the practical skills of examining pregnant women, diagnosing the condition of the fetus, determining the method of delivery, and preparing pregnant women for delivery through the natural birth canal and by caesarean section.

Acquaintance with the organization of the medical and diagnostic process in the Department of Pregnancy Pathology. Mastering the practical skills of collecting anamnesis, general examination, external and internal obstetric examination. Studying the clinical protocol for managing pregnant women, drawing up a plan for

examination and treatment, choosing the method of delivery, and drawing up a plan for managing childbirth. Management of pregnant women with obstetric and extragenital pathology (hypertensive disorders during pregnancy, gestational diabetes, threatened premature birth, cervical insufficiency, abnormal positions and presentations of the fetus, multiple pregnancies, contracted pelvis and large fetal size). Conducting and interpreting the results of general clinical tests (complete blood count, biochemical blood test, coagulogram, urine tests, ECG, bacterioscopy and bacteriological examination of genital discharge) and special tests (cardiotocography, ultrasound of the fetus in the third trimester of pregnancy). Assisting with elective caesarean section. Mastering the practical skills of filling out medical documentation (birth history, hospital surgery log, and discharge statistics). Sanitary and educational work.

Structure and organization of the Maternity Department. Mastering practical skills in physiological childbirth and the diagnosis of complications during childbirth. Participation in providing obstetric care, examining the birth canal, examining and treating the newborn and performing obstetric surgeries.

Familiarization with the structure and organization of the maternity ward. Mastering the practical skills of external and internal examination of women in labor, determining the gestational age, estimated fetal weight, and blood loss during childbirth. Creating a plan for managing childbirth. Acquiring the skills of managing the first, second, and third stages of labor, the early postpartum period, providing obstetric care, diagnosing the condition of the fetus during labor, assessing the newborn using the Apgar score and performing the initial toilet of the newborn. Diagnosis and obstetric tactics in pathological conditions during childbirth (abnormal labor, placental abruption, fetal hypoxia, cephalopelvic disproportion, weak contractions, placenta accreta and early postpartum hemorrhage). Mastering practical skills in obstetric procedures (amniotomy, perineal incision and restoration of perineal integrity, signs of placental separation, manual placental separation and delivery of the afterbirth, placental defect, and suturing of soft tissue tears in the birth canal). Completion of medical documentation (history of childbirth, history of newborn development, record of childbirth and surgical interventions in the hospital, referral for histological examination of the placenta). Practicing practical skills on an obstetric phantom (biomechanism of childbirth in the anterior vertex position, obstetric assistance and application of a vacuum extractor).

Structure and organization of the Postpartum Department. Mastering practical skills of conducting the physiological postpartum period during childbirth through the natural birth canal and the postoperative period after a caesarean section. Processing medical documentation upon discharge of the mother and child.

Familiarization with the organization of the medical and diagnostic process in the postpartum department. Study of the clinical protocol for managing postpartum women during natural childbirth and cesarean section. Mastering practical skills in general and special examination of postpartum women, management of the postpartum period during physiological childbirth and its complications, the postoperative period during cesarean section, and diagnosis and treatment of postpartum complications (lactostasis, uterine subinvolution and postpartum

hemorrhage). Mastering practical skills in filling out medical documentation (birth history, hospital surgery log, discharge statistics, exchange card). Sanitary and educational work.

Structure and organization of the Gynecology Department. Mastering practical skills in the diagnosis and treatment of gynecological pathology, performing surgical interventions in gynecology, managing the postoperative period, and filling out medical documentation.

Familiarization with the organization of the medical and diagnostic process in the gynecology department. Study of the clinical protocol for management and treatment in gynecology. Mastering the practical skills of collecting anamnesis, general examination, and special gynecological examination. Drawing up a plan for examination and treatment of gynecological pathologies (inflammatory diseases of the pelvic organs, uterine and ovarian tumors, abnormal uterine bleeding, benign and precancerous diseases of the cervix, infertility, and pregnancy pathologies up to 22 weeks of pregnancy). Interpretation of the results of general clinical (blood, urine, ECG, examination of genital discharge) and special (pelvic ultrasound, colposcopy, hysteroscopy, metrosalpingography, histological) studies. Acquisition of practical skills for performing gynecological surgical interventions (dilatation and curettage, aspiration biopsy of the endometrium, puncture of the abdominal cavity through the posterior vaginal fornix, metrosalpingography, termination of pregnancy and suturing of the cervix). Assistance in conducting scheduled gynecological surgeries. Management of the postoperative period. Development of medical documentation skills (inpatient medical record, statistical record of patients discharged from the hospital, journal of surgical interventions in the hospital, discharge summary). Sanitary and educational work.

Structure and organization of the work of a Antenatal Clinic. Mastering practical skills of medical supervision of a physiological pregnancy, diagnosis and treatment of obstetric and gynecological pathology, gynecological examination, dispensary supervision of gynecological diseases, counseling on family planning, pregravidary preparation and contraception.

Familiarization with the structure, organization and regulatory documents of a antenatal clinic. Acquisition of practical skills in general and specialized gynecological examinations in outpatient settings, medical monitoring during the physiological course of pregnancy and its complications at the outpatient stage, dispensary monitoring of women with gynecological pathology and rehabilitation after obstetric and gynecological diseases. Conducting and interpreting general clinical (blood, urine, and ECG tests), special (cytological, bacteriological, bacterioscopic, serological, PCR and sex hormone tests), and instrumental (colposcopy, biopsy, ultrasound and cardiotocography) tests. Acquiring practical skills in early pregnancy termination, insertion and removal of an intrauterine device, cervical biopsy, pre-abortion counseling and pre- and post-test counseling for HIV. Mastering practical skills in medical documentation (outpatient patient medical record, individual pregnancy and postpartum record, outpatient surgery record book, exchange record and dispensary observation record). Conducting health education and psychoprophylactic preparation for pregnancy.

**4. Organization of medical care delivery to the population in accordance with one of the variants of individual assignments of the module «Public Health and Healthcare».**

Detailed familiarization with one of the individual assignments. Preparation of a written report on the completed work according to the relevant individual assignment, which should include:

- a description of the organization of medical care delivery to the population in accordance with one of the variants of individual assignments;
- reflection of the indicators characterizing the activities of the department over the last 3 calendar years (based on the reports of healthcare organizations and data from medical statistics offices);
- analysis of the obtained data;
- formulation of conclusions and practical proposals for improving the activities of a specific healthcare organization or its structural subdivision;
- conducting two conversations with patients on the formation of motivation for a healthy lifestyle (HLS).

Titles of the topics of individual assignments:

1. Organization of the work of the central district hospital (CDH).
2. Organization of medical care for patients with respiratory tuberculosis (Class I, categories A15-A16 according to ICD-10) (at the level of region, city, district).
3. Organization of medical care for patients with tuberculosis of the nervous system and other organs (Class I, categories A17-A18 according to ICD-10) (at the level of region, city, district).
4. Organization of medical care for patients with diseases of the circulatory system (Class IX, categories I10-I15 according to ICD-10) in inpatient settings.
5. Organization of medical care for patients with diseases of the circulatory system (Class IX, categories I20-I25 according to ICD-10) in inpatient settings.
6. Organization of medical care for patients with diseases of the circulatory system (Class IX, categories I26-I28 according to ICD-10) in inpatient settings.
7. Organization of medical care for patients with diseases of the circulatory system (Class IX, categories I30-I52 according to ICD-10) in inpatient settings.
8. Organization of medical care for patients with diseases of the respiratory system (Class X, categories J00-J39 according to ICD-10) in inpatient settings.
9. Organization of medical care for patients with diseases of the respiratory system (Class X, categories J00-J06, J30-J39 according to ICD-10) in inpatient settings.
10. Organization of medical care for patients with diseases of the respiratory system (Class X, categories J09-J18 according to ICD-10) in inpatient settings.
11. Organization of medical care for patients with diseases of the respiratory system (Class X, categories J20-J22, J40-J47 according to ICD-10) in inpatient settings.
12. Organization of medical care for patients with diseases of the respiratory system (Class X, categories J80-J84 according to ICD-10) in inpatient settings.

**4. Organization of medical care delivery to the population in accordance with one of the variants of individual assignments of the module «Public Health and Healthcare».**

Detailed familiarization with one of the individual assignments. Preparation of a written report on the completed work according to the relevant individual assignment, which should include:

- a description of the organization of medical care delivery to the population in accordance with one of the variants of individual assignments;
- reflection of the indicators characterizing the activities of the department over the last 3 calendar years (based on the reports of healthcare organizations and data from medical statistics offices);
- analysis of the obtained data;
- formulation of conclusions and practical proposals for improving the activities of a specific healthcare organization or its structural subdivision;
- conducting two conversations with patients on the formation of motivation for a healthy lifestyle (HLS).

Titles of the topics of individual assignments:

1. Organization of the work of the central district hospital (CDH).
2. Organization of medical care for patients with respiratory tuberculosis (Class I, categories A15-A16 according to ICD-10) (at the level of region, city, district).
3. Organization of medical care for patients with tuberculosis of the nervous system and other organs (Class I, categories A17-A18 according to ICD-10) (at the level of region, city, district).
4. Organization of medical care for patients with diseases of the circulatory system (Class IX, categories I10-I15 according to ICD-10) in inpatient settings.
5. Organization of medical care for patients with diseases of the circulatory system (Class IX, categories I20-I25 according to ICD-10) in inpatient settings.
6. Organization of medical care for patients with diseases of the circulatory system (Class IX, categories I26-I28 according to ICD-10) in inpatient settings.
7. Organization of medical care for patients with diseases of the circulatory system (Class IX, categories I30-I52 according to ICD-10) in inpatient settings.
8. Organization of medical care for patients with diseases of the respiratory system (Class X, categories J00-J39 according to ICD-10) in inpatient settings.
9. Organization of medical care for patients with diseases of the respiratory system (Class X, categories J00-J06, J30-J39 according to ICD-10) in inpatient settings.
10. Organization of medical care for patients with diseases of the respiratory system (Class X, categories J09-J18 according to ICD-10) in inpatient settings.
11. Organization of medical care for patients with diseases of the respiratory system (Class X, categories J20-J22, J40-J47 according to ICD-10) in inpatient settings.
12. Organization of medical care for patients with diseases of the respiratory system (Class X, categories J80-J84 according to ICD-10) in inpatient settings.

13. Organization of medical care for patients with diseases of the digestive system (Class XI, categories K20-K31, K50-K52 according to ICD-10) in inpatient settings.
14. Organization of medical care for patients with diseases of the endocrine system (Class IV, categories E00-E07 according to ICD-10) in inpatient settings.
15. Organization of medical care for patients with diseases of the digestive system (Class XI, categories K70-K77 according to ICD-10) in inpatient settings.
16. Organization of medical care for patients with diseases of the digestive system (Class XI, categories K80-K87 according to ICD-10) in inpatient settings.
17. Organization of medical care for patients with diseases of the nervous system (Class VI, categories G10-G32 according to ICD-10) in inpatient settings.
18. Organization of medical care for patients with diseases of the nervous system (Class VI, categories G35-G47 according to ICD-10) in inpatient settings.
19. Organization of medical care for patients with diseases of the nervous system (Class VI, categories G50-G64 according to ICD-10) in inpatient settings.
20. Organization of medical care for patients with diseases of the nervous system (Class VI, categories G80-G83 according to ICD-10) in inpatient settings.
21. Organization of medical care for patients with cerebrovascular diseases (Class IX, categories I60-I69 according to ICD-10) in inpatient settings.
22. Organization of medical care for patients with diseases of the genitourinary system (Class XIV, categories N00-N19 according to ICD-10) in inpatient settings.
23. Organization of medical care for patients with diseases of the genitourinary system (Class XIV, categories N20-N29 according to ICD-10) in inpatient settings.
24. Organization of medical care for patients with diseases of the genitourinary system (Class XIV, categories N30-N39 according to ICD-10) in inpatient settings.
25. Organization of medical care for patients with malignant neoplasms of the lip, oral cavity and pharynx (Class II, categories C00-C14 according to ICD-10) in inpatient settings.
26. Organization of medical care for patients with malignant neoplasms of digestive organs (Class II, categories C15-C26 according to ICD-10) in inpatient settings.
27. Organization of medical care for patients with malignant neoplasms of respiratory and intrathoracic organs (Class II, categories C30-C39 according to ICD-10) in inpatient settings.
28. Organization of medical care for patients with malignant neoplasms of skin, mesothelial and soft tissues (Class II, categories C43-C49 according to ICD-10) in inpatient settings.
29. Organization of medical care for patients with malignant neoplasms of the breast and female genital organs (Class II, categories C50-C58 according to ICD-10) in inpatient settings.
30. Organization of medical care for patients with malignant neoplasms of urinary tract (Class II, categories C64-C68 according to ICD-10) in inpatient settings.
31. Organization of medical care for patients with malignant neoplasms of the eye, brain and other parts of the central nervous system (Class II, categories C69-C72 according to ICD-10) in inpatient settings.

32. Organization of medical care for patients with malignant neoplasms of the thyroid gland and other endocrine glands (Class II, categories C73-C75 according to ICD-10) in inpatient settings.

33. Organization of medical care for patients with benign neoplasms (Class II, categories D10-D36 according to ICD-10) in inpatient settings.

34. Organization of medical care for patients with diseases of the digestive system, diseases of the appendix (Class XI, categories K35-K38 according to ICD-10) in the conditions of surgical departments of a hospital.

35. Organization of medical care for patients with diseases of the digestive system, other diseases of the intestine (Class XI, categories K55-K63 according to ICD-10) in the conditions of surgical departments of a hospital.

36. Organization of medical care for patients with diseases of the digestive system, hernias (Class XI, categories K40-K46 according to ICD-10) in the conditions of surgical departments of a hospital.

37. Organization of medical care for patients with diseases of the digestive system, diseases of the peritoneum (Class XI, categories K65-K67 according to ICD-10) in the conditions of surgical departments of a hospital.

38. Organization of medical care for patients with diseases of the digestive system, diseases of the gallbladder, biliary tract and pancreas (Class XI, categories K80-K87 according to ICD-10) in the conditions of surgical departments of a hospital.

39. Organization of medical care for patients with diseases of the respiratory system, suppurative and necrotic conditions of the lower respiratory tract, diseases of the pleura and other diseases (Class X, categories J85-J99 according to ICD-10) in the conditions of surgical departments of a hospital.

40. Organization of medical care for patients with diseases of the eye and its adnexa (Class VII, categories H00-H22 according to ICD-10) in inpatient settings.

41. Organization of medical care for patients with diseases of the eye and its adnexa (Class VII, categories H25-H28 according to ICD-10) in inpatient settings.

42. Organization of medical care for patients with diseases of the eye and its adnexa (Class VII, categories H30-H36 according to ICD-10) in inpatient settings.

43. Organization of medical care for patients with diseases of the eye and its adnexa (Class VII, categories H43-H45, H49-H52 according to ICD-10) in inpatient settings.

44. Organization of medical care for patients with diseases of the ear and mastoid process (Class VIII, categories H60-H62 according to ICD-10) in inpatient settings.

45. Organization of medical care for patients with diseases of the ear and mastoid process (Class VIII, categories H65-H75 according to ICD-10) in inpatient settings.

46. Organization of medical care for patients with diseases of the ear and mastoid process (Class VIII, categories H80-H95 according to ICD-10) in inpatient settings.

47. Organization of medical care for patients with injuries, poisonings and certain other consequences of external causes (Class XIX, categories S00-S19 according to ICD-10) in inpatient settings.

48. Organization of medical care for patients with injuries, poisonings and certain other consequences of external causes (Class XIX, categories S20-S39 according to ICD-10) in inpatient settings.

49. Organization of medical care for patients with injuries, poisonings and certain other consequences of external causes (Class XIX, categories S40-S49 according to ICD-10) in inpatient settings.

50. Organization of medical care for patients with injuries, poisonings and certain other consequences of external causes (Class XIX, categories S80-S89 according to ICD-10) in inpatient settings.

51. Organization of medical care for patients with injuries, poisonings and certain other consequences of external causes (Class XIX, categories S50-S69 according to ICD-10) in inpatient settings.

52. Organization of medical care for patients with injuries, poisonings and certain other consequences of external causes (Class XIX, categories S70-S99 according to ICD-10) in inpatient settings.

53. Organization of medical care for patients with thermal, chemical burns and frostbites (Class XIX, categories T20-T32, T33-T35 according to ICD-10) in inpatient settings.

54. Organization of medical care for patients with diseases of the musculoskeletal system and connective tissue (Class XIII, categories M05-M19 according to ICD-10) in inpatient settings.

55. Organization of medical care for patients with diseases of the musculoskeletal system and connective tissue (Class XIII, categories M20-M36 according to ICD-10) in inpatient settings.

56. Organization of medical care for women with diseases of the genitourinary system (Class XIV, categories N70-N77 according to ICD-10) in inpatient settings.

57. Organization of medical care for women with diseases of the genitourinary system (Class XIV, categories N80-N98 according to ICD-10) in inpatient settings.

58. Organization of the work of a maternity hospital. Provision of medical care in pregnancy terminated by abortion (Class XV, categories O00-O08 according to ICD-10) in inpatient settings.

59. Organization of the work of a maternity hospital. Provision of medical care to pregnant women in the antenatal period (Class XV, categories O10-O48 according to ICD-10) in inpatient settings.

60. Organization of the work of a maternity hospital. Provision of medical care in pregnancy, childbirth and the postpartum period (Class XV, categories O60-O99 according to ICD-10) in inpatient settings.

**LIST OF PRACTICAL SKILLS  
AND RECOMMENDED LEVEL OF THEIR MASTERY  
Module "Therapy"**

Levels of mastery of practical skills:

1 – know theoretically, be professionally oriented, know the indications for performing;

2 – know theoretically, assess, participate in the work of medical staff;

3 – know theoretically and perform independently.

№	A practical skill	Recommended	
		Quantity	The level of development
1	Total supervised patients	55	3
	<b>Therapeutic work:</b>		
2	Examination of patients on admission	30	3
3	Making patient diaries	55	3
4	Registration of appointment sheets	55	3
5	Registration of discharge epicrisals	20	3
6	Emergency care (presence)	7	2
7	Emergency care (implementation)	3	3
8	Registration of death certificates	1	1
	<b>Practical skills:</b>		
9	Blood pressure measurement	55	3
10	ECG recording	10	2,3
11	Transfusion of plasma and blood components	1	2
12	Chest X-ray (presence)	20	2
13	Bicycle ergometry (presence)	5	2
14	Holter monitoring (presence)	5	2
15	Ultrasound examination of the heart (presence)	5	2
16	Ultrasound of the abdominal cavity (presence)	5	2
17	Ultrasound of the thyroid gland (presence)	5	2
18	Ultrasound of the vessels of the lower extremities (presence)	3	2
19	Spirography (presence)	3	2
20	Computed tomography (presence)	3	2
21	Endoscopic examinations (presence)	5	2
22	Interpretation of a general blood test	55	3
23	Interpretation of a biochemical blood test	55	3
24	Interpretation of urine tests	30	3
25	Interpretation of stool analysis, ascitic fluid, pleural effusion	20	3

26	Interpretation and analysis of ECG, ultrasound, angiography, and other studies	10	2
<b>Participation in conferences:</b>			
28	Morning meetings	11	2,3
29	Clinical	1	2,3
30	Pathologoanatomic	1	2
31	Participation in the appointment and conduct of physiotherapy procedures for supervised patients	15	2
32	Conversations with patients	55	3
33	Performing educational and research work on the chosen topic	1	3

**Requirements for the level of preparedness of students who have completed the clinical internship in therapy**

**Students must be proficient in the following practical skills:**

1. Subjective methods of patient examination (interviewing).
2. Physical methods of patient examination (inspection, anthropometry, palpation, percussion, auscultation).
3. Completion of medical documentation (upon admission to hospital and discharge from hospital, in cases of patient death, diagnosis of oncological or infectious disease).
4. Writing prescriptions for medications.
5. Technique of ECG recording and interpretation of normal ECG and ECG in myocardial infarction, angina pectoris, cardiac arrhythmias (extrasystole, paroxysmal tachycardias, atrial fibrillation, blocks), ventricular and atrial hypertrophy, electrolyte disorders.
6. Diagnostic capabilities, indications, contraindications, interpretation of radiological, ultrasound and endoscopic examination methods.
7. Interpretation of laboratory data (clinical and biochemical blood tests, general urinalysis, urinalysis by Nechiporenko, Zimnitsky test, daily proteinuria, glomerular filtration rate, serum-ascites albumin gradient, glycemic profile, glucose tolerance test, daily glucosuria, prothrombin index, APTT).
8. Interpretation and technique of performing external respiratory function tests (pneumotachometry, spirometry, peak flowmetry).
9. Interpretation of results of gastric secretory function study and duodenal intubation.
10. Pleural and abdominal puncture (technique, complications, indications, diagnostic value).
11. Sternal puncture, trepanobiopsy: understanding of the technique, interpretation of the data obtained.
12. Performing intravenous injections.
13. Indications, contraindications and technique of blood component and blood substitute transfusion.
14. Cardiopulmonary resuscitation.
15. Electrical defibrillation.

16. Provide emergency care for:
- hypertensive crisis
  - acute coronary syndrome (unstable angina, acute myocardial infarction)
  - acute left ventricular failure (pulmonary edema)
  - cardiac arrhythmias and conduction disorders (paroxysmal supraventricular and ventricular tachycardia, paroxysm of atrial and ventricular fibrillation and flutter, Morgagni-Adams-Stokes syndrome, sick sinus syndrome, atrioventricular block)
  - pulmonary embolism
  - bronchial asthma attack
  - laryngeal edema
  - pneumothorax
  - ketoacidotic coma
  - hepatic coma
  - uremic coma
  - anemic coma
  - cardiogenic shock
  - anaphylactic shock
  - infectious-toxic shock
  - hemorrhagic shock
  - gastrointestinal bleeding
  - pulmonary bleeding
  - allergic reactions (angioedema)
  - renal colic
  - hepatic colic
  - syncopal conditions (due to hemodynamic disorders, bleeding, cerebrovascular accidents, eclampsia)
  - poisonings of various origins (hypnotics, alcohol, etc.)
  - animal and insect bites
  - hyperthermic syndrome
  - convulsive syndrome
  - dehydration syndrome
  - alcohol delirium

**Students must be able to write prescriptions for the following medications:**

1. Glyceryl trinitrate (nitroglycerin) (tab., caps., for infusion)
2. Isosorbide mononitrate (tab., caps.)
3. Isosorbide dinitrate (tab., caps.)
4. Propranolol (tab.)
5. Atenolol (tab.)
6. Metoprolol (tab.)
7. Bisoprolol (tab.)
8. Carvedilol (tab., caps.)
9. Verapamil (tab., caps., for injection)
10. Amlodipine (tab.)
11. Procainamide (for injection)

12. Lidocaine (for injection)
13. Amiodarone (tab., for injection)
14. Sotalol (tab.)
15. Epinephrine (for injection)
16. Strophanthin (for injection)
17. Digoxin (tab., for injection)
18. Captopril (tab.)
19. Enalapril (tab.)
20. Lisinopril (tab.)
21. Fosinopril (tab.)
22. Ramipril (tab.)
23. Losartan (tab.)
24. Trimetazidine (tab.)
25. Furosemide (tab., for injection)
26. Hydrochlorothiazide (tab.)
27. Spironolactone (tab., caps.)
28. Morphine (for injection)
29. Tramadol (caps., tab., for injection)
30. Heparin (sodium salt) (solution for injection)
31. Enoxaparin (solution for injection)
32. Warfarin (tab.)
33. Pentoxifylline (tab., caps.)
34. Dipyridamole (tab.)
35. Clopidogrel (tab.)
36. Indomethacin (tab., ointment, gel)
37. Acetylsalicylic acid (tab.)
38. Diclofenac (sodium salt) (tab., caps., for injection, gel)
39. Ibuprofen (tab.)
40. Meloxicam (tab., for injection)
41. Nimesulide (tab., powders)
42. Paracetamol (tab.)
43. Hydroxychloroquine (tab.)
44. Methotrexate (tab.)
45. Azathioprine (tab.)
46. Cyclophosphamide (for injection, tab.)
47. Leflunomide (tab.)
48. Sulfasalazine (tab.)
49. Penicillamine (tab.)
50. Allopurinol (tab.)
51. Chondroitin sulfate (caps., for injection)
52. Alendronic acid (tab.)
53. Prednisolone (tab., for injection)
54. Methylprednisolone (tab., for injection)
55. Dexamethasone (tab., for injection)
56. Atropine sulfate (for injection)

57. Aminophylline (tab., solution for intravenous administration)
58. Folic acid (tab.)
59. Ferrous sulfate (tab.)
60. Tocopherol acetate (caps.)
61. Cyanocobalamin (for injection)
62. Etamsylate (tab., for injection)
63. Aminocaproic acid (for infusion)
64. Amoxicillin (caps., tab.)
65. Ampicillin (tab.)
66. Amoxicillin/Clavulanic acid (for infusion, tab.)
67. Benzylpenicillin (for injection)
68. Ceftriaxone (for injection)
69. Cefotaxime (for injection)
70. Cefepime (for injection)
71. Ciprofloxacin (tab., caps., for infusion)
72. Azithromycin (tab., caps.)
73. Clarithromycin (tab.)

**LIST OF PRACTICAL SKILLS  
AND THE RECOMMENDED LEVEL OF THEIR DEVELOPMENT  
Module "Surgery"**

Levels of mastering practical skills:

1 – to know theoretically, to be professionally oriented, to know the indications for conducting;

2 – to know theoretically, to evaluate, to participate in the work of the medical staff;

3 – know theoretically, do it yourself.

n/a	Practical skill	Recommended	
		Number	Levels of development
1	Daily patient supervision	4–6	3
2	Registration and management of medical history	12	3
3	Duty at the reception department	1	3
4	Subcutaneous and intramuscular injections	10	3
5	Intravenous infusion	3	3
6	Determination of blood groups	10	3
7	A test for individual compatibility	2	2
8	A test for biological compatibility	2	2
9	Temporary stop of bleeding*	1	2,3
10	Bandaging a clean wound	10	3
11	Ligation of a purulent wound	10	3
12	Removing seams	5	3
13	Removal of drains	3	3
14	Local anesthesia*	1	3
15	Catheterization of the bladder	2	3
16	Gastric tube insertion	2	3
17	Finger examination of the rectum	2	3
18	Installation of the exhaust pipe	1	2
19	Cleansing enema	1	3
20	Siphon enema	1	3
21	Transport immobilization	1	3
22	Assistance in operations	3	3
23	Presence on operations	10	3
24	Primary surgical treatment of wounds*	2	3
25	Final stop of bleeding*	1	2
26	Transfusion of blood products*	2	2
27	Venesection*	1	1
28	Thoracocentesis*	1	2

29	Laparocentesis*	1	2
30	Puncture of the bladder*	1	2
31	Laparoscopy*	2	2
32	Rectoromanoscopy*	1	1
33	Setting up the Blackmore probe*	1	2
34	Novocaine blockades*	1	2
35	Artificial respiration*	1	3
36	Indoor heart massage*	1	3
37	Participation in the X-ray examination	2	2
38	Participation in endoscopic examination	2	2
39	Attendance at the autopsy	2	3

Note 1. All practical skills are performed under the supervision of a doctor. To credit practical skills marked with a "\*", the presence of a student during their performance by a doctor is sufficient.

Note 2. Due to the specifics of some surgical hospitals, a number of these manipulations may not be performed in them. In this case, the student should theoretically study the technique of performing the procedure.

**LIST OF PRACTICAL SKILLS  
AND RECOMMENDED LEVEL OF THEIR MASTERY**  
*Module "Obstetrics and Gynecology"*

Levels of practical skills development:

1 – to know theoretically, to be professionally oriented, to know the indications for conducting;

2 – to know theoretically, to evaluate and participate in the work of medical personnel;

3 – know theoretically, do it yourself.

№	Practical skill	Recommended	
		Quantity	The level of development
1	Patient care. 3-5 patients per day	33	3
2	Duty at the maternity ward	1	3
3	Examination of patients on admission	10	2
4	Collecting medical history and complaints	33	3
5	External obstetric examination	10	3
6	Internal obstetric examination	2	3
7	Auscultation of fetal heartbeat using an obstetric stethoscope	10	3
8	CTG recording, interpretation	3	3
9	Obstetric aid in childbirth	3	2
10	Determination of signs of placenta separation	3	3
11	Examination of the birth canal after childbirth	3	2
12	Suturing of the soft tissues of the birth canal	2	2
13	Assessment of the newborn on the Apgar score	3	3
14	The primary toilet of a newborn	3	2
15	Conducting physiological labor	5	2
16	Assisting during a caesarean section	3	2
17	General and special gynecological examination	10	3
18	Examination and palpation of the mammary glands	10	3
19	Assistance in minor gynecological surgeries/manipulations	5	2
20	Assisting in abdominal surgeries	3	2
21	Assistance during laparoscopic surgeries	3	2
22	Microscopic examination (sampling, interpretation of the result)	3	3
23	Bacteriological examination (sample collection and interpretation of the result)	3	3
24	Cytological examination (collection of material, interpretation of the result)	3	3

25	Histological examination (result interpretation)	3	3
26	Provision of emergency care	2	2
27	Making an observation diary	5	3
28	Registration of the appointment sheet	5	3
29	Processing discharge summaries/statistical cards	5	3
30	Making an exchange card	5	3
31	Participation in medical conferences	5	3
32	Number of conversations with patients	10	3
33	Performing research work on a selected topic (specify the topic)	1	3

**Note.** All practical skills are performed under the supervision of a doctor. Due to the specific nature of obstetric and gynecological departments in hospitals, some of these procedures may not be performed. In this case, the student should study the theoretical techniques for performing these procedures.

**Students must have practical skills (module "Obstetrics and Gynecology"):**

1. Collection of obstetric anamnesis, determination of the gestational age, date of delivery, total weight gain during pregnancy and estimated physiological blood loss.
2. General examination of the pregnant woman and external obstetric examination. Measurement of the pelvic dimensions. Determination of the height of the uterine fundus and the circumference of the abdomen. Calculation of the estimated fetal weight.
3. Internal obstetric examination and collection of biological material from the birth canal.
4. Determination of the position and presentation of the fetus.
5. Auscultation of the fetal heart rate using an obstetric stethoscope.
6. Hand washing for obstetric procedures.
7. Treatment of the mother's genitals with a disinfectant solution.
8. Determining the degree of cervical "maturity" and preparing the cervix for labor (pre-induction of labor).
9. Amniotomy. Indications, contraindications, conditions and technique.
10. Performing and interpreting a cardiotocography.
11. Performing and interpreting ultrasound in obstetrics.
12. Managing the first stage of labor, recording the partogram, and interpreting it.
13. Determination of the integrity of the amniotic sac and amniotomy.
14. Management of the second stage of labor, obstetric assistance.
15. Management of the third stage of labor (signs of placental separation), examination of the afterbirth.
16. Management of the early postpartum period, examination of the birth canal.

17. Dissection and restoration of the perineum, suturing of soft tissue tears of the birth canal.
18. Assessment of the newborn using the Apgar score, primary toilet of the newborn.
19. Assisting during a caesarean section.
20. Management of the postpartum period, assessment of the condition of the mammary glands and uterus.
21. Removal of sutures from the perineum and anterior abdominal wall.
22. Algorithm for medical care in case of eclampsia.
23. Algorithm for medical care in case of amniotic fluid embolism.
24. Algorithm for medical care in case of early postpartum bleeding.
25. Algorithm for medical care in case of hemorrhagic shock.
26. Algorithm for medical care in case of anaphylactic shock.
27. General and special gynecological examination.
28. Collection of discharge from the genital tract for cytological, microscopic, and bacteriological examination.
29. Conducting and interpreting ultrasound in gynecology.
30. Performing a cervical biopsy and interpreting the results of histological examination.
31. Dilatation and curettage, interpreting the results of histological examination.
32. Aspiration biopsy of the endometrium. Indications, technique of performance, interpretation of results.
33. Termination of pregnancy up to 12 weeks: methods, technique of performance.
34. Endoscopic methods of diagnosis and treatment of gynecological diseases (hysteroscopy, laparoscopy).
35. Assisting with abdominal (tubectomy, ovarian resection, hysterectomy), reconstructive-plastic, laparoscopic surgeries on female reproductive organs.
36. Insertion and removal of an intrauterine contraceptive device.
37. Psychoprophylactic preparation for pregnancy and childbirth.
38. Pre-test and post-test counseling during HIV testing.
39. Pre-abortion counseling.

**LIST OF PRACTICAL SKILLS  
and recommended level of their mastery  
Module «Public Health and Healthcare»**

Levels of mastery of practical skills:

1 – know theoretically, be professionally oriented in conducting research work on the collection of statistical material, using data from annual state and departmental statistical reports, medical accounting documentation, and information received from the head of the practical training from the healthcare organization;

2 – know theoretically the methods of statistical processing of the material obtained during the work and perform it (calculation of performance indicators of the organization (structural subdivision), preparation of tables, diagrams, graphical representation of the obtained data);

3 – know theoretically the methodology and independently perform the analysis of the obtained statistical data.

n/a	Practical skill	Recommended	
		Levels of development	Levels of development
1	Characterization of the organization of medical care delivery to the population in accordance with one of the variants of individual assignments	1	3
2	Reflection of performance indicators and defects characterizing the activities of a healthcare organization (department) over the last 3 calendar years (based on reports of healthcare organizations)	20	3
3	Analysis of the obtained indicators	20	1,3
4	Formulation of conclusions and practical proposals for improving the activities of a specific healthcare organization or its structural subdivision	10	2,3
5	Preparation of medical documentation	25	2,3
6	Conducting activities on disease prevention	2	3
7	Study of the regulatory legal framework in the field of healthcare	25	2,3

**INFORMATION AND METHODOLOGICAL SECTION**  
**DUTIES AND RIGHTS OF SUPERVISORS OF STUDENT CLINICAL**  
**INTERNSHIP**

**Duties of the head of the practice base:**

1. Conclusion of agreements with the medical university on the organization of student practice;
2. Issuance of an order on the enrollment of students for practice in accordance with agreements on the organization of student practice and the appointment of practice supervisors from the organization;
3. Approval of the practice schedule;
4. Familiarization of students with the practice base, internal labor regulations;
5. Creation of necessary conditions for students to complete the practice and implement its program;
6. Conducting of introductory occupational safety training by specialists of the occupational safety service of the practice base;
7. Involvement of students in work provided for by the practice program;
8. Approval of the written report on the implementation of the practice program.

**Duties of the practice supervisor from the organization:**

1. Familiarizes students with the specifics of professional activity and the documentation necessary for implementing the practice program;
2. Distributes students to workplaces in accordance with the practice schedule;
3. Ensures the conduct of primary (on-site) occupational safety training for the types of work performed by students;
4. Consults students during the performance of work provided for by the practice program;
5. Signs the written report on the implementation of the practice program and prepares a written reference on the student's completion of the practice;
6. Timely informs the head of the practice base and the practice supervisors from the departments of the medical university about student absences from the practice base, failure to implement the practice program, violation of internal labor regulations, and requirements of local legal acts on occupational safety;
7. Submits proposals for improving the practice.

**Duties of the practice supervisor from the university:**

1. Prepares draft orders on general issues of organization and conduct of practice;
2. Conducts verification of agreements concluded by the medical university with practice bases;
3. Organizes, if necessary, medical examinations of students;
4. Exercises control over the progress of practice, analyzes and summarizes its results;

5. Together with departments and faculties, works to improve the process of conducting practice;
6. Conducts organizational work to ensure payments to practice supervisors from organizations and other employees of the practice base for conducting lectures, consultations, seminars and excursions provided for by the practice program;
7. Analyzes annual reports of faculties on the results of implementation of practice programs and on the basis of these reports prepares a summary report on the quality of practice conduct in the past academic year.

**Duties of the practice supervisor from the university department:**

1. Develops the practice program for the academic discipline or specialty;
2. Familiarizes students with the goals, objectives and program of practice, provides them with information about practice bases;
3. Prepares proposals for the distribution of students to practice bases and candidates for group practice leaders;
4. Carries out visits to practice bases to check their readiness to receive students, provides information on the readiness of practice bases to the practice supervisor from the faculty of the medical university;
5. Participates in course meetings on organizational and methodological issues;
6. Consults students during the completion of assignments specified in the practice program;
7. Identifies and promptly eliminates shortcomings during the conduct of practice, and if necessary, reports them to the practice supervisor from the faculty of the medical university, the practice supervisor from the organization, and the head of the practice base;
8. Reviews and evaluates reporting documentation, conducts the differentiated pass/fail examination;
9. Analyzes the implementation of practice programs, discusses their results at a department meeting;
10. Participates in the work of the faculty council and department meetings when discussing issues related to the preparation, conduct and summing up of practice results;
11. Submits proposals for improving the practice.

**Duties of the group leader:**

1. Communicates to students the necessary information on the organization and conduct of practice;
2. Together with the practice supervisor from the organization, participates in drawing up the practice schedule and communicates it to students;
3. Timely informs the practice supervisor from the organization and the practice supervisor from the department of the medical university about student violations of the practice schedule, occupational safety rules, and internal labor regulations.

**Duties of the student:**

1. Participates in course meetings on organizational and methodological issues of practice;
2. Undergoes a medical examination if necessary;
3. Undergoes occupational safety training provided for by legislation;
4. Complies with safe work performance requirements at the workplace;
5. Complies with the internal labor regulations of the practice base;
6. Complies with the rules and norms of medical ethics and deontology;
7. Maintains a practice log;
8. Follows the instructions of the head of the practice base and the practice supervisor of the organization;
9. Timely completes and submits to the head of the department from the medical university the reporting documentation on the implementation of the practice program, as provided for by the practice program.

A student who has not completed the practice program and/or received a negative reference on the completion of practice from the practice supervisor from the organization and/or an unsatisfactory grade when taking the differentiated pass/fail examination, by order of the rector of the medical university, is sent again (no more than once) to complete the practice during time free from academic studies in order to fully complete the practice program.

**The student has the right to:**

1. Study the documentation of the practice base to the extent of the tasks specified in the practice program;
2. Address questions to the practice supervisor from the faculty of the medical university, the practice supervisor from the department of the medical university, the head of the practice base, the practice supervisor from the organization, and other employees of the medical university and the practice base regarding organizational, methodological and other issues arising during the practice;
3. Submit proposals on the organization and conduct of practice;
4. Participate in providing medical care to patients, ensuring the sanitary and epidemiological well-being of the population, and engaging in activities related to the handling of medicines and medicinal plant raw materials;
5. Receive a scholarship during the practice period;
6. Attend meetings and educational-methodological events at the practice base;
7. Be provided with necessary personal protective equipment in accordance with the requirements of standard norms for the free issuance of personal protective equipment to employees of healthcare organizations.

During the practice, the student must have: a medical gown, cap, change of footwear, and reporting documentation "Summary Report".

Control over the completion of working hours by students is carried out by the teaching staff and the group leader. For gross violation of internal regulations or discipline, the student may be suspended from further completion of the practice.

## **TOPICS AND FORMS OF SANITARY-EDUCATIONAL WORK**

Students receive the assignment for conducting sanitary-educational work at the beginning of the practice. The topic of the discussions and the audience are determined by the employee of the base medical institution responsible for sanitary-educational work. The practice supervisor provides assistance in selecting the necessary literature. During the practice, the student must conduct at least one discussion or prepare a health bulletin on relevant topics. In preparation, it is necessary to use at least 2-3 literary sources: methodological materials for conducting sanitary-educational work, scientific-practical medical journals, manuals for physicians, medical and popular science literature on issues of disease prevention and diagnosis. For the pass/fail examination in the clinical internship, it is necessary to submit the text of the discussion (lecture) or a health bulletin.

## **METHODOLOGICAL RECOMMENDATIONS FOR THE ORGANIZATION AND IMPLEMENTATION OF STUDENT EDUCATIONAL AND RESEARCH WORK (SERW)**

Students receive the assignment for conducting Student Educational and Research Work (SERW) at the beginning of the clinical internship from the practice supervisor. The practice supervisor provides assistance to students in selecting the necessary literature. The student presents a report on the SERW topic at a departmental medical conference. The report on the completed work is prepared in the form of an abstract and must be submitted to the department upon completion of the practice. When preparing the abstract, at least 2-3 sources are used: methodological materials and regulatory documents on the organization of a physician's work (orders of the Ministry of Health of the Republic of Belarus, instructions, methodological recommendations), scientific-practical medical journals, manuals, monographs.

### **Topics of abstracts:**

#### ***Module "Therapy"***

1. Modern principles of treatment of cardiac arrhythmias
2. Differential diagnosis of cardiomegaly
3. Modern approach to diagnosis and treatment of systemic vasculitis
4. COVID-associated myocarditis
5. Treatment of rheumatoid arthritis with genetically engineered biological drugs
6. Osteoarthritis – a problem of the 21st century
7. Differential diagnosis of anemic syndrome
8. Cytostatic therapy in oncohematology
9. Differential diagnosis of hemorrhagic diatheses
10. Systemic lupus erythematosus – modern methods of diagnosis and treatment
11. Modern approaches to the treatment of chronic heart failure with preserved ejection fraction
12. Management of a patient with atrial fibrillation and concomitant chronic kidney disease
13. Post-infarction myocardial remodeling: risk factors, diagnosis, treatment options
14. Pulmonary hypertension: differential diagnosis and modern approaches to treatment
15. Modern approaches to the treatment of ankylosing spondylitis (axial spondyloarthritis)
16. Autoimmune inflammatory myopathies: clinical masks, diagnostic algorithms, therapy
17. ANCA-associated small vessel vasculitis: modern regimens for induction and maintenance of remission
18. Interstitial lung diseases: differential diagnosis and approaches to therapy

19. Biological therapy of severe bronchial asthma: selection criteria, personalization, monitoring
20. Non-alcoholic fatty liver disease – modern approaches to diagnosis and treatment
21. Inflammatory bowel diseases: management tactics in therapeutic practice
22. Small intestinal bacterial overgrowth syndrome: diagnosis and principles of treatment
23. Chronic kidney disease in patients with cardiovascular diseases: management tactics
24. Obesity as a comorbid condition: pharmacological and non-pharmacological approaches
25. Thrombotic microangiopathies: differential diagnosis and modern approaches to treatment
26. Iron deficiency conditions in therapeutic practice: modern diagnostic and treatment algorithms
27. Post-COVID syndrome: clinical manifestations, diagnosis and management tactics
28. Sepsis in a therapeutic hospital: early detection, antimicrobial therapy, organ support
29. Polypharmacy in elderly and senile patients: approaches to optimizing pharmacotherapy
30. Organization of palliative care in a therapeutic department: symptom management, legal and ethical aspects

### *Module "Surgery"*

1. Acute appendicitis in children, pregnant women, and the elderly.
2. Postoperative complications of acute appendicitis.
3. Chronic appendicitis. Tumors of the appendix.
4. Abdominal wall hernias.
5. Surgical treatment of postoperative ventral hernias.
6. Complications of the gastrointestinal tract. Therapeutic tactics.
7. Postcholecystectomy syndrome.
8. Mechanical jaundice.
9. Biliary fistulas.
10. Reconstructive surgery on the biliary tract.
11. Complications of acute pancreatitis.
12. Surgical treatment of chronic pancreatitis.
13. Pancreatic fistulas.
14. Hormone-active tumors of the pancreas.
15. Duodenal ulcerative stenosis.
16. Indications and types of operations for peptic ulcer disease.
17. Gastrointestinal bleeding of non-ulcerative etiology.
18. Stomach cancer.
19. Diseases of the operated stomach.
20. Obstructive intestinal obstruction.

21. Adhesive disease of the abdominal cavity
22. Strangulation intestinal obstruction.
23. Disorders of mesenteric circulation.
24. Polyps and polyposis of the colon.
25. Differential diagnosis of ulcerative and granulomatous colitis.
26. Colon cancer.
27. Diseases of the rectum and perianal region.
28. Intestinal fistulas.
29. Abdominal injury. Damage to hollow and parenchymal organs.
30. Modern principles of postoperative treatment of peritonitis.
31. Diseases of the thyroid gland.
32. Surgical treatment of varicose veins.
33. Thrombophlebitis of deep and superficial veins.
34. Sepsis.
35. Burns and cicatricial strictures of the esophagus.
36. Surgical treatment of portal hypertension.
37. Hernias of the esophageal orifice of the diaphragm.
38. Burns, frostbite.
39. Parasitic cysts of the liver.
40. Obliterating diseases of the arteries of the extremities.

### *Module "Obstetrics and Gynecology"*

1. Benefits of breastfeeding.
2. Severe preeclampsia: diagnostic criteria, obstetric tactics.
3. HELLP- syndrome. Intrahepatic cholestasis of pregnancy.
4. Differential diagnosis of liver diseases in pregnant women.
5. Cervical insufficiency. Diagnostic criteria. Methods of correction.
6. Medications that reduce uterine contractions.
7. Multiple pregnancies. Complications of monochorionic twins.
8. Analgesia in labor.
9. Menopausal syndrome. Menopausal hormone therapy.
10. Ectopic pregnancy.
11. Ovarian apoplexy.
12. Benign ovarian tumor. Oncomarkers in gynecology.
13. Vaginitis, vaginosis.
14. Sexually transmitted infections, modern methods of diagnosis and treatment.
15. HPV infection, diagnosis, prevention.
16. Uterine fibroids.
17. Types of surgical interventions for uterine fibroids.
18. Uterine fibroids and pregnancy.
19. Hormonal therapy in gynecology.
20. Medical abortion.
21. Modern methods of contraception.

22. Assisted reproductive technologies.

***Module «Public Health and Healthcare»***

**Approximate List of Topics for Conversations and Sanitary Bulletins  
on Medical-Hygienic Education and Formation of a Healthy Lifestyle of the  
Population**

1. Impact of the COVID-19 pandemic on the mental health of society.
2. Telemedicine: new opportunities and challenges.
3. Impact of climate change on human health.
4. Psychological aspects of cyberbullying and its influence on the health of young people.
5. Vaccination as the foundation of public health: myths and reality.
6. Emotional burnout in the professional environment: causes and prevention.
7. Impact of social networks on the mental health of young people.
8. Psychological aspects of distance learning during the pandemic.
9. Health and technology: the influence of gadgets on physical and emotional well-being.
10. Medical ethics in the era of digitalization and automation of healthcare.
11. The role of genetic testing in the prevention of hereditary diseases.
12. Psychological aspects of long-term isolation and self-isolation.
13. Impact of environmental disasters on human health.
14. Psychological aspects of adaptation to new realities of life in the post-pandemic period.
15. Technological innovations in rehabilitation and recovery after injuries and operations.
16. The role and influence of the media on health and public opinion on medical issues.
17. Psychosomatics: interaction between mental and physical diseases.
18. The role and influence of parental upbringing on the formation of a healthy lifestyle in children and adolescents.
19. Bioethics: boundaries and ethical aspects of genetic engineering and cloning.
20. Impact of stress on the immune system and methods of its reduction.
21. Internet addiction.
22. Non-communicable diseases as a problem of civilization.
23. Novel coronavirus infection (COVID) and measures for its prevention.
24. Novel coronavirus pneumonia (COVID) as a form of fatal infection.
25. Compliance with safety regulations as the basis for prevention of occupational injuries.
26. Ways of active overcoming of stressful and distress situations.
27. Informatization of medicine: problems and solutions.
28. Healthy lifestyle, its main components and ways of formation.
29. Human health as a social value.
30. Active longevity as the goal of healthy lifestyle formation.

31. Hygiene of physical labor.
  32. Work, daily life, rest and health.
  33. Professions of nervous and tense labor and health.
  34. Rational work and rest regime – a modulator of high working capacity and human health.
  35. Issues of disease prevention among students.
  36. Physical harmony and socio-psychological balance.
  37. Psychohygiene of relationships.
  38. Suicides: main causes and preventive measures.
  39. Protective forces of the human body.
  40. Physical culture, sports, active rest and health.
  41. Hygienic education and environmental protection.
  42. Natural factors and health.
  43. Urbanization and health.
  44. Drinking water and health.
  45. The importance of biological rhythms in human life.
  46. Alcohol is the enemy of health, work and daily life.
  47. Child alcoholism and drug addiction.
  48. The influence of alcohol on women's health.
  49. On the harm of smoking.
  50. Smoking costs more than you think!
  51. Drug addiction, substance abuse and their tragic consequences.
  52. Prevention of sexually transmitted infections.
  53. AIDS, routes of infection, prevention.
  54. Lessons of Chernobyl: radiation, life and health.
  55. Blood donation – the humane duty of everyone.
  56. Issues of sexual education in the formation of a healthy lifestyle.
  57. Abortion and its consequences.
  58. On the role of heredity for human health.
  59. Skin as a protective medical-biological barrier, skin care.
  60. Prevention of acute intestinal diseases.
  61. Especially dangerous infections and their prevention.
  62. Influenza, colds and their prevention.
  63. Rational nutrition and health.
  64. Overweight as a risk factor.
  65. Basics of therapeutic nutrition.
  66. Prevention of occupational, transport and household injuries.
  67. First aid in case of injuries and accidents.
  68. Prevention of child injuries.
  69. Prevention of poisoning in children.
  70. First aid for eye injury.
  71. Home first-aid kit.
  72. First aid and prevention of poisoning with pesticides in agriculture.
  73. First aid for acute cardiovascular diseases.
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74. Parasitic diseases (helminthiases, scabies, giardiasis, fungal diseases (mycoses), etc.) and their prevention.
75. Individual prevention of foot mycoses.
76. Tuberculosis – issues of prevention.
77. Preventive medical examinations and fluorography in the prevention of tuberculosis.
78. Prevention of myopia.
79. Prevention of glaucoma.
80. Prevention of diabetes mellitus.
81. Take care of your teeth!
82. Pros and cons of self-treatment.
83. Medicinal herbs, phytotherapy.
84. Arterial hypertension as a factor in resolving the demographic situation in the country.
85. Atherosclerosis and its prevention.
86. Prevention of dental diseases.
87. Diseases of the endocrine system and their prevention.
88. What is the harm of electronic cigarettes.
89. The impact of music and color therapy on humans.
90. Raising a healthy child – the foundation of a healthy lifestyle for an adult.
91. Hypodynamia and hypokinesia as risk factors.
92. Influenza and other acute respiratory viral infections.
93. Depression – a global threat to humanity.
94. Stroke as the most important factor of premature mortality of the population.
95. Myocardial infarction as the leading factor of premature mortality of the population.
96. Sexually transmitted infections as a threat to the reproductive health of the population.
97. Ischemic heart disease and its prevention.
98. Yoga and its positive energy for the human body.
99. Intestinal infections and their prevention.
100. Skin as a protective medical-biological barrier and care for it.

**Here is the translation:**

**REQUIREMENTS FOR THE CONTENT AND FORMATTING OF  
STUDENT REPORTING DOCUMENTATION FOR CLINICAL  
INTERNSHIP**

Upon completion of the practice, the student submits the following reporting documentation:

practice log, report on the implementation of the practice program, reference from the practice supervisor from the organization on the student's completion of the practice (Appendices 1-4).

The log is a document recording the implementation of the clinical internship program.

During the last week of the practice, the student prepares a report on the implementation of the practice program. The report must be signed by the student and the practice supervisor from the organization, and approved by the head (deputy head) of the practice base.

Upon completion of the practice, the practice supervisor from the organization prepares a written reference on the student's completion of the practice.

After completion of the clinical internship, the student takes a differentiated pass/fail examination before a commission according to the examination schedule. The commission includes the instructors who were responsible for each section of the practice (instructors from the departments of surgical diseases, internal diseases, obstetrics and gynecology, public health and healthcare organization), the practice supervisor from the higher educational institution, and, if possible, the practice supervisor from the healthcare institution.

The assessment criteria should include the student's mastery of practical skills, theoretical knowledge, attitude towards patients, attitude towards work throughout the practice, participation in SERW, etc. In addition, the role in conducting sanitary-educational and educational work, as well as the reference given to the student by the practice supervisor from the healthcare institution, are taken into account. The examination results are assessed on a ten-point grading scale.

The differentiated pass/fail examination must include:

1. Evaluation by the examiners of the practice log, the written reference on the student's completion of the practice, and the student's report on the implementation of the practice program.

2. Assessment of the student's mastery of practical skills in examining and treating patients, and providing emergency care for urgent conditions.

3. Assessment of theoretical knowledge based on control questions for the differentiated pass/fail examination.

## LIST OF QUESTIONS FOR PREPARATION FOR THE DIFFERENTIATED PASS/FAIL EXAMINATION

### *Module "Therapy"*

1. Coronary artery disease (CAD), relevance of the problem, social significance, epidemiology, risk factors for CAD, their significance.
2. Classification of CAD, indications for hospitalization, principles of treatment, clinical follow-up, indications and contraindications for sanatorium-resort treatment.
3. Principles of diagnosis and treatment of angina pectoris.
4. Myocardial infarction (MI), epidemiology, etiopathogenesis, clinical presentation in various periods of the disease.
5. Clinical variants of onset of myocardial infarction, diagnosis of MI, ECG changes, biochemical indicators depending on the stage of MI.
6. Atypical forms of MI, small-focal myocardial infarction, ECG diagnosis, clinical presentation, treatment.
7. Complications of myocardial infarction: cardiogenic shock, cardiac arrhythmias and conduction disorders, heart failure, aneurysm, Dressler syndrome.
8. Treatment of acute MI at the prehospital stage, treatment in hospital during various periods of MI.
9. Pain relief in myocardial infarction.
10. Principles of anticoagulant, thrombolytic and antiarrhythmic therapy in myocardial infarction.
11. Diagnosis and treatment of cardiogenic shock.
12. Diagnosis and treatment of acute left ventricular failure.
13. Clinical, laboratory and instrumental diagnosis of myocarditis. Principles of treatment of non-rheumatic myocarditis.
14. Classification, principles of diagnosis of cardiac arrhythmias.
15. Principles of treatment of paroxysmal tachycardias (supraventricular and ventricular), paroxysmal atrial fibrillation.
16. Classification and principles of diagnosis of heart blocks.
17. Treatment strategy for complete atrioventricular block and sick sinus syndrome. Morgagni-Adams-Stokes syndrome, diagnosis and treatment.
18. Ventricular fibrillation, asystole. Diagnosis. Principles of resuscitation of cardiac patients.
19. Diagnosis and treatment strategy for pulmonary embolism.
20. Diagnostic algorithm and differential diagnosis of arterial hypertension syndrome.
21. Secondary arterial hypertension. Patient examination protocol, classification.
22. Renoparenchymal and renovascular arterial hypertension. Diagnosis, clinical presentation, treatment.
23. Endocrine arterial hypertension. Diagnosis, clinical presentation, treatment.
24. Hemodynamic arterial hypertension. Classification, diagnosis, clinical

presentation, treatment.

25. Modern principles of treatment of arterial hypertension.
26. Hypertensive crises. Classification, differentiated therapy.
27. Cardiomyopathies. Definition, classification, clinical presentation, diagnosis, differential diagnosis, principles of treatment, prognosis.
28. Principles of clinical and instrumental diagnosis of mitral valve disease.
29. Principles of clinical and instrumental diagnosis of aortic valve disease.
30. Diagnosis and modern principles of treatment of chronic heart failure (use of angiotensin-converting enzyme inhibitors, cardiac glycosides, beta-blockers, diuretics, statins, anticoagulants, antiplatelet agents, omega-3 polyunsaturated fatty acids, cardiometabolic drugs, surgical treatment methods).
31. Principles of clinical and laboratory diagnosis of acute rheumatic fever.
32. Treatment, primary and secondary prevention of acute rheumatic fever.
33. Principles of diagnosis and treatment of pneumonia.
34. Principles of diagnosis and treatment of chronic obstructive pulmonary disease.
35. Differential diagnosis of cardiac asthma and bronchial asthma.
36. Relief of bronchial asthma attack.
37. Diagnostic and treatment strategy for status asthmaticus.
38. Classification and diagnostic criteria of functional disorders of the gastrointestinal tract.
39. Modern approaches to the treatment of peptic ulcer of the stomach and duodenum.
40. Complications of peptic ulcer of the stomach and duodenum (penetration, perforation, bleeding, malignancy, stenosis). Diagnostic and treatment strategy.
41. Diagnosis and differential diagnosis of biliary tract diseases.
42. Diagnostic and treatment strategy for hepatic colic.
43. Diagnostic and treatment strategy for exacerbation of chronic pancreatitis.
44. Diagnosis of chronic hepatitis and liver cirrhosis.
45. Complications of liver cirrhosis (edematous-ascitic syndrome, bleeding from esophageal varices, portosystemic encephalopathy). Diagnostic and treatment strategy.
46. Rare liver diseases: pigmentary hepatoses. Hemochromatosis. Wilson-Konovalov disease. Liver amyloidosis. Liver echinococcosis. Fatty liver disease. Clinical presentation. Diagnosis. Treatment options.
47. Diagnostic and treatment strategy for urinary syndrome.
48. Diagnostic and treatment strategy for edematous syndrome. Concept of nephrotic syndrome.
49. Renal amyloidosis. Etiology, pathogenesis, classification, diagnosis, clinical presentation, treatment, prognosis.
50. Chronic pyelonephritis, etiopathogenesis, classification, clinical presentation, diagnosis, treatment, prevention of exacerbations, prognosis.
51. Chronic glomerulonephritis, etiopathogenesis, classification, clinical presentation, diagnosis, treatment, prevention of complications, prognosis.
52. Chronic renal failure, etiopathogenesis, classification, clinical presentation,

diagnosis, course, treatment options.

53. Principles of diagnosis and treatment of acute renal failure.

54. Rheumatoid arthritis, etiopathogenesis, clinical classification, clinical presentation, variants of course.

55. Diagnosis and differential diagnosis of rheumatoid arthritis, diagnostic criteria.

56. Principles of treatment of rheumatoid arthritis, prognosis, patient rehabilitation, work capacity assessment, sanatorium-resort treatment, clinical follow-up.

57. Gout. Etiopathogenesis, clinical presentation, diagnosis, differential diagnosis, treatment.

58. Osteoarthritis. Etiopathogenesis, clinical presentation, diagnosis, differential diagnosis, principles of treatment.

59. Systemic lupus erythematosus. Etiopathogenesis, clinical presentation, diagnosis, treatment, prevention of complications, prognosis.

60. Systemic scleroderma. Involvement of organs and systems. Variants of course, treatment options, complications, prognosis.

61. Dermatomyositis. Etiopathogenesis, clinical presentation, diagnosis, principles of treatment, prognosis.

62. Diagnosis and treatment of iron deficiency anemia.

63. Diagnosis and treatment of B12 deficiency anemia.

64. Diagnosis and treatment of hemolytic anemia.

65. Hodgkin's lymphoma. Clinical presentation. Diagnosis. Differential diagnosis. Principles of treatment.

66. Multiple myeloma. Clinical presentation. Diagnosis. Differential diagnosis. Principles of treatment.

67. Acute leukemia. Classification. Clinical presentation. Diagnosis. Principles of treatment.

68. Chronic leukemia. Polycythemia. Etiopathogenesis. Clinical presentation. Classification. Diagnosis. Principles of treatment.

69. Hemorrhagic diatheses. Classification. Hemophilia. Etiopathogenesis. Clinical presentation. Treatment.

70. Immune thrombocytopenic purpura. Etiopathogenesis. Clinical presentation. Diagnosis. Treatment.

71. Henoch-Schönlein purpura (IgA vasculitis). Etiopathogenesis. Clinical presentation. Diagnosis. Treatment.

72. Principles of diagnosis of diabetes mellitus. Diet and insulin therapy.

## **THE LIST OF QUESTIONS FOR PREPARING FOR THE DIFFERENTIATED ASSESSMENT**

### *Module "Surgery"*

1. Methods of palpation, percussion, and abdominal auscultation.

2. The method of determining the free fluid in the abdominal cavity.

3. The method of determining free gas in the abdominal cavity.

4. The method of determining the main symptoms of acute appendicitis.

5. Methodology for determining the main symptoms of acute cholecystitis.
6. Methodology for determining the main symptoms of acute pancreatitis.
7. Methodology for determining the main symptoms of acute intestinal obstruction.
8. Methods for determining the main peritoneal symptoms.
9. Diagnostic significance of Courvoisier's symptom.
10. Differential diagnosis of an incurable and pinched hernia.
11. The method of determining the pulsation of peripheral arteries of the lower extremities.
12. The method of determining the effusion in the pericardial cavity.
13. The method of determining effusion in the pleural cavity.
14. The technique of determining blood type, Rh factor.
15. Rules for transfusion of blood products and blood substitutes.
16. Methods of temporary stopping of bleeding.
17. Methods of final stopping of bleeding.
18. Methods for determining the degree of blood loss, the diagnostic significance of Moore's formula.
19. The technique of setting the Blackmore obturator probe.
20. The technique of anterior and posterior nasal tamponade.
21. Principles of primary surgical wound treatment.
22. Bandaging a clean and infected wound.
23. Principles of plaster bandages.
24. Rules of elastic bandaging of the lower extremities.
25. Technique of applying skin, intestinal, vascular suture, tendon, nerve suture.
26. Rules for processing the operational field.
27. Rules of surgical and hygienic treatment of hands (European standard, EN-1500).
28. Preparation of the patient for irrigoscopy and colonoscopy.
29. Gastric tube placement, gastric lavage technique.
30. Technique of finger examination of the rectum.
31. The technique of performing a siphon enema.
32. The technique of performing a cleansing enema.
33. The technique of setting the exhaust pipe.
34. Technique of local infiltration anesthesia, anesthesia according to Oberst-Lukashevich.
35. The technique of performing novocaine blockades.
36. Venipuncture technique.
37. Venectomy technique.
38. Joint puncture technique.
39. Pericardial puncture technique.
40. Thoracocentesis technique, pleural drainage technique.
41. Laparocentesis technique.
42. Laparoscopy technique.

43. Bladder catheterization technique. Types of urinary catheters. Care of urinary catheters.
44. Technique of bladder puncture.
45. Rules for opening abscesses and phlegmon.
46. Transport immobilization in case of injuries to limbs, spine and pelvis.
47. First aid for burns.
48. First aid for chemical burns of the esophagus and stomach.
49. Methods of indirect heart massage and artificial lung ventilation.
50. Indications and techniques of conicotomy and tracheotomy.

## **LIST OF QUESTIONS FOR PREPARATION FOR A DIFFERENTIATED EXAM**

### *Module "Obstetrics and Gynecology"*

1. Clinical protocol of medical supervision during physiological pregnancy.
2. Clinical protocol of medical supervision during childbirth (by stages of labor).
3. Clinical protocol of medical supervision in the postpartum period during childbirth through birth canal.
4. Techniques of external obstetric examination (Leopold's maneuvers).
5. Auscultation of fetal heartbeat using an obstetric stethoscope.
6. Measurement of abdominal circumference and uterine fundal height.
7. Measurement of pelvic dimensions. Normal pelvic dimensions.
8. Solovyov index. Measurement technique, significance in obstetrics.
9. Assessment of the size and shape of the lumbosacral rhombus, significance in obstetrics.
10. Estimation of fetal weight.
11. Estimation of gestational age and prediction of expected date of delivery.
12. Estimation of physiological blood loss during childbirth.
13. Technique of an internal obstetric examination. Characteristics of a "ripe" cervix.
14. Methods of pre-induction of labor.
15. Amniotomy. Indications and technique.
16. Partograph. Significance in obstetrics.
17. Determination of the presenting part of the fetus and its position in relation to the planes of the pelvis.
18. Biomechanism of labor in the anterior vertex presentation (on a phantom).
19. Technique of performing obstetric assistance in the second stage of labor.
20. Signs of placental separation.
21. Examination of the birth canal after childbirth.
22. Assessment of the newborn using the Apgar score.
23. Immediate care of the newborn.
24. Episiotomy. Indications, technique of performance and technique of suturing.
25. Removal of sutures from the perineum, anterior abdominal wall.

26. Eclampsia. Emergency care.
  27. Emergency care of an anaphylactic shock.
  28. Algorithm of emergency care of early postpartum hemorrhage.
  29. Emergency care of hemorrhagic shock.
  30. Emergency care of pulmonary thromboembolism.
  31. Emergency care of amniotic fluid embolism.
  32. Methods of treatment cervical insufficiency (cervical cerclage, obstetric pessary).
  33. Technique of speculum examination of the cervix and vaginal walls.
  34. Technique of bimanual vaginal examination in gynecology.
  35. Technique of taking samples from the cervix for cytological examination.
- Interpretation of results.
36. Technique of taking samples (swabs) for microscopic examination.
- Interpretation of results.
37. Technique of taking samples from the genital tract for bacteriological examination. Interpretation of results.
  38. Biopsy of the cervix. Indications, technique, interpretation of results.
  39. Dilatation and curettage. Indications, technique and interpretation of the results.
  40. Aspiration biopsy of the endometrium. Indications, technique and interpretation of results.
  41. Colposcopy (simple, extended). Indications.
  42. Hysteroscopy. Indications.
  43. Abdominal puncture through the posterior fornix. Indications and technique.
  44. Examination and palpation of the mammary glands.
  45. Medical abortion.
  46. Pre-test and post-test counseling for HIV.
  47. Pre-abortion counseling.

## **LIST OF QUESTIONS FOR PREPARATION FOR THE DIFFERENTIATED CREDIT**

### ***Module "Public Health and Healthcare"***

1. Organization of specialized and high-tech medical care for the population.
  2. Peculiarities of organization and main directions for improving medical care for the population in inpatient settings.
  3. Nomenclature and classification of hospital organizations.
  4. Nursing care hospital: tasks, organization of work, accounting documentation.
  5. Rural district hospital: tasks, organization of work, accounting documentation.
  6. Central district hospital: tasks, structure and functions.
  7. City hospital: tasks, organizational structure.
  8. Regional hospital: peculiarities of organization of medical care.
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9. Admission department of a hospital: structure, tasks, organization of work, procedure for patients' appeal, examination and hospitalization, documentation.
10. Profile departments of a hospital: tasks, organization of work, accounting documents, procedure for filling in and storage.
11. Clinical-diagnostic, laboratory and other departments of a hospital.
12. Economic (housekeeping) service of a hospital.
13. Characteristics of the therapeutic-protective, anti-epidemic and sanitary-hygienic regimes of a hospital organization.
14. Measures for the prevention of healthcare-associated infections.
15. Analysis of hospital activities.
16. Indicators of population provision with medical care in inpatient settings.
17. Indicators characterizing the workload of medical personnel.
18. Indicators of bed fund utilization.
19. Indicators of quality and effectiveness of medical care in a hospital.
20. Indicators of surgical work in a hospital.
21. Maternity hospital (maternity department of a hospital): organization of work, structure, organization of admission of pregnant women, women in labor and postpartum women.
22. Accounting and reporting documentation and analysis of the activities of a maternity hospital (maternity department of a hospital).
23. Dispensaries: peculiarities of organization of medical care.
24. Centers of specialized medical care: tasks, structure, procedure for referral and admission of patients.
25. Clinics of scientific and practical centers: structure, peculiarities of work.

## ОСНОВНАЯ ЛИТЕРАТУРА

1. Акушерство=Obstetrics : учеб.-метод. пособие / Ю. А. Лызикова, Е. А. Эйныш, Е. Л. Лашкевич, И. А. Корбут; под ред. Ю. А. Лызиковой. – Гомель: ГомГМУ, 2025. – 218с.

2. Гутикова, Л. В. Гинекология = Gynecology : учеб. пособие для иностр. студентов учреждений высш. образования по специальности «Лечеб. дело» / Л. В. Гутикова, М. А. Павловская, Ю. В. Кухарчик. – Минск : Вышэйшая школа, 2022. – 367 с. : ил., табл. – Допущено М-вом образования Респ. Беларусь.

3.Методика выполнения основных практических навыков по хирургии = Methodology for performing basic practical skills in surgery : учеб.-метод. пособие для студентов учреждений высш. образования, обучающихся по специальности "Лечеб. дело" / Б. Б. Осипов, М. Л. Каплан, А. Н. Лызиков [и др.] ; М-во здравоохранения Респ. Беларусь, УО "Гомел. гос. мед. ун-т", Каф. хирургических болезней №1 с курсом сердечно-сосудистой хирургии. - Гомель : ГомГМУ, 2024. - 70 с. : ил. - Рек. УМО по высш. мед., фармацевт. образованию.

4. Неотложные состояния при заболеваниях внутренних органов = Emergency conditions in internal organs diseases : учеб. пособие для иностр. студентов учреждений высш. образования по специальности "Лечеб. дело" / Е. Г. Малаева, Т. В. Алейникова, О. А. Ярмоленко, Т. А. Курман ; М-во здравоохранения Респ. Беларусь, УО «Гомел. гос. мед. ун-т». - Гомель : ГомГМУ, 2025. – 283 с.

5. Surgery : [textbook for students of higher med. educational inst.] / ed. by Bereznys'tkyy Ya. S., Zakharash M. P., Mishalov V. G. ; K. M. Amosova [et al.]. – 3rd ed. – Vinnytsia : Nova Knyha, 2021. – 711 p.

## ДОПОЛНИТЕЛЬНАЯ ЛИТЕРАТУРА

6. Акушерство : пособие для студентов учреждений высш. образования, обучающихся по специальностям 1-79 01 01 «Лечеб. дело», 1-79 01 02 «Педиатрия», 1-79 01 04 «Мед.-диагност. дело», 1-79 01 05 «Мед.-психол. дело» / Л. В. Гутикова, Т. Ю. Егорова, А. Р. Плоцкий [и др.]. – Гродно : ГрГМУ, 2024. – 431 с. – URL: <https://www.books-up.ru/ru/book/akusherstvo-17803191/> (дата обращения: 27.02.2026).

7.Алексеев, С. А. Хирургические болезни. В 2 ч. Ч. 1 : учеб. пособие / С. А. Алексеев, В. А. Гинюк. – Минск : Вышэйшая школа, 2017. – 287 с.

8.Алексеев, С. А. Хирургические болезни. В 2 ч. Ч. 2 : учеб. пособие / С. А. Алексеев, В. Н. Бордаков. – Минск : Вышэйшая школа, 2017. – 247 с.

9.Базовые и клинические аспекты молочной железы : учеб.-метод. пособие для студентов учреждений высш. образования, обучающихся по специальностям "Лечеб. дело", "Мед.-профилакт. дело", "Мед.-диагност. дело" / Н. Ю. Давид, Т. Н. Захаренкова, А. А. Призенцов [и др.] ; М-во здравоохранения Респ. Беларусь, УО "Гомел. гос. мед. ун-т", Каф. гистологии, цитологии и эмбриологии, Каф. акушерства и гинекологии с курсом ФПКИП, Каф. хирургических болезней № 1

с курсом сердечно-сосудистой хирургии, Каф. хирургических болезней № 3. – Гомель : ГомГМУ, 2025. – 114 с.

10. Внутренние болезни. В 2 ч. Ч. 1 : учебник для курсантов и студентов учреждений высш. образования по специальности "Лечеб. дело" / под ред. А. А. Бова. - Минск : Новое знание, 2018. - 703 с.

11. Внутренние болезни. В 2 ч. Ч. 2 : учебник для курсантов и студентов учреждений высш. образования по специальности "Лечеб. дело" / под ред. А. А. Бова. - Минск : Новое знание, 2020. - 815 с.

12. Гинекологические заболевания, требующие неотложной медицинской помощи : учеб.-метод. пособие / М-во здравоохранения Респ. Беларусь, Бел. гос. мед. ун-т, Каф. акушерства и гинекологии ; О. С. Лобачевская [и др.]. – Минск : БГМУ, 2023. – 30, [3] с. : табл. – URL: <https://rep.bsnu.by/handle/BSMU/36907> (дата обращения: 27.02.2026).

13. Клиническая электрокардиография = Clinical electrocardiography : пособие для студентов учреждений высш. образования, обучающихся по специальности 1-79 01 01 "Лечеб. дело" / М-во здравоохранения РБ, УО "ГрГМУ", 1-я каф. внутренних болезней ; В. М. Пырочкин [и др.]. - Гродно : ГрГМУ, 2019. - 199 с.

14. Клинические методы исследования пациентов с заболеваниями органов дыхания = Clinical examination methods in case of respiratory diseases : учеб.-метод. пособие / М-во здравоохранения Респ. Беларусь, БГМУ, Каф. пропедевтики внутренних болезней ; Г. М. Хвощевская [и др.]. - Минск : БГМУ, 2023. - 27, [3] с.

15. Ковалевский, Д. В. Анализ деятельности лабораторно-диагностических подразделений организаций здравоохранения : учеб.-метод. пособие для студентов учреждений высш. образования, обучающихся по специальности 1-79 01 04 «Мед.-диагност. дело» / Д. В. Ковалевский, Т. М. Шаршакова, М. С. Мурашкин ; УО «Гомел. гос. мед. ун-т», Каф. общественного здоровья и здравоохранения с курсом ФПКиП. – Гомель : ГомГМУ, 2024. – 85 с. : табл. – Рек. УМО по высш. мед., фармацевт. образованию. – URL: <https://gsmu.shop.by/analiz-deyatelnosti-laboratorno-diagnosticheskix-podrazdelenij-organizacij-zdravoohraneniya/> (дата обращения: 27.02.2026).

16. Кузин, М. И. Хирургические болезни : учебник / М. И. Кузин, Н. М. Кузин, В. А. Кубышкин [и др.]. – 5-е изд., перераб. и доп. – Москва : ГЭОТАР-Медиа, 2022. – 1024 с. – URL: <https://www.studentlibrary.ru/book/ISBN9785970470145.html> (дата обращения 27.02.2026).

17. Методика выполнения основных практических навыков по хирургии : учеб.-метод. пособие для студентов 5 и 6 курсов учреждений высш. мед. образования, обучающихся по специальности «Лечеб. дело» / Б. Б. Осипов [и др.]. – Гомель : ГомГМУ, 2021. – 72 с. – URL: <http://elib.gsmu.by/handle/GomSMU/9225> (дата обращения 27.02.2026).

18. Неотложные состояния в пульмонологии = Urgent conditions in pulmonology : учеб. – метод. пособие / И. В. Буйневич, Э. Н. Платошкин, Н. Э. Платошкин ; УО «Гомел. гос. мед. ун-т», Каф. фтизиопульмонологии с курсом

ФПКиП, Каф. внутренних болезней № 2 с курсом ФПКиП. – Гомель : ГомГМУ, 2023. – 57 с.

19. Общественное здоровье и здравоохранение : учеб. пособие для учащихся учреждений образования, реализующих образоват. программы сред. спец. образования по специальностям профиля образования «Здравоохранение» / [В. А. Малашко, Т. М. Шаршакова, Е. Л. Богдан, Г. В. Солонец]. – Минск : РИПО, 2018. – 378 с. : ил., табл. – Допущено М-вом образования Респ. Беларусь. – URL: <https://ripo.by/index.php?id=3939&ysclid=madofmw65526167140> (дата обращения: 27.02.2026).

20. Шаршакова, Т. М. Курс лекций по дисциплине «Общественное здоровье и здравоохранение» = Course of lectures «Public health and health care» : учеб.-метод. пособие для студентов 4-6 курсов фак. по подгот. специалистов для зарубеж. стран мед. вузов / Т. М. Шаршакова, А. Н. Бараш ; УО «Гомел. гос. мед. ун-т», Каф. общественного здоровья и здравоохранения. – Гомель : ГомГМУ, 2017. – 77 с.

21. Шаршакова, Т. М. Организация медицинской помощи населению в стационарных условиях : учеб.-метод. пособие для студентов 4-6 курсов всех фак., магистрантов учреждений высш. мед. образования / Т. М. Шаршакова, М. Г. Русаленко, А. В. Сачковская ; УО «Гомел. гос. мед. ун-т», Каф. общественного здоровья и здравоохранения с курсом ФПК и П. - Гомель : ГомГМУ, 2018. – 68 с. : табл. – URL: <https://elib.gsmu.by/handle/GomSMU/3967>. (дата обращения: 27.02.2026).

22. Obstetrics and gynecology: practical skills = Акушерство и гинекология: практические навыки / М-во здравоохранения Респ. Беларусь, УО «Витебск. гос. мед. ун-т», Каф. акушерства и гинекологии ; Л. Е. Радецкая, Н. И. Кисилева, А. Г. Бресский [и др.]. – 2-е изд., перераб. и доп. – Витебск : ВГМУ, 2020. – 68 с. – URL: <https://elib.vsmu.by/handle/123/22909> (дата обращения: 27.02.2026).

23. Radeckaya, L. E. Obstetrics and gynecology: clinical tasks = Акушерство и гинекология: клинические задачи : метод. рек. / Radeckaya L.E., Kolbasova E.A. ; УО "ВГМУ", Каф. акушерства и гинекологии. – Витебск : ВГМУ, 2021. – 66 с. – URL: <https://elib.vsmu.by/handle/123/23638> (дата обращения: 27.02.2026).

24. Sabiston textbook of surgery : the biological basis of modern surgical practice / [ed. by] Courtney M. Townsend [et al.]. – 20th ed. – [Philadelphia] : Elsevier, 2017. – 2146 p.

## НОРМАТИВНЫЕ ПРАВОВЫЕ АКТЫ

25. Конституция Республики Беларусь 1994 года : с изм. и доп., принятыми на респ. референдумах 24 ноября 1996 г., 17 октября 2004 г. и 27 февраля 2022 г.

26. О демографической безопасности Республики Беларусь : Закон Респ. Беларусь от 4 янв. 2002 г. № 80-З : с изм. и доп.

27. О здравоохранении : Закон Респ. Беларусь от 18 июня 1993 г. № 2435–XII : с изм. и доп.

28. Об утверждении некоторых клинических протоколов диагностики и лечения заболеваний системы кровообращения : постановление Министерства здравоохранения Республики Беларусь от 06.06.2017 № 59.

29. Клинический протокол «Оказание медицинской помощи пациентам в критических для жизни состояниях» : постановление Министерства здравоохранения Республики Беларусь от 23 августа 2021 г. № 99.

30. Клинический протокол «Диагностика и лечение пациентов с заболеваниями органов пищеварения»: постановление Министерства здравоохранения Республики Беларусь от 11 ноября 2025 г. № 185.

31. Об утверждении клинического протокола «Диагностика и лечение пациентов (взрослое население) с острыми гастродуоденальными кровотечениями в стационарных условиях» : постановление Министерства здравоохранения Республики Беларусь от 30.11.2023 № 182 .

32. Об утверждении клинического протокола «Диагностика и лечение пациентов (взрослое население) с закрытой травмой грудной клетки в стационарных условиях» : постановление Министерства здравоохранения Республики Беларусь от 30.11.2023 № 182.

33. Об утверждении клинического протокола «Диагностика и лечение пациентов (взрослое население) с острой кишечной непроходимостью в стационарных условиях» : постановление Министерства здравоохранения Республики Беларусь от 30.11.2023 № 182.

34. Об утверждении клинического протокола «Диагностика и лечение пациентов (взрослое население) с острым аппендицитом в стационарных условиях» : постановление Министерства здравоохранения Республики Беларусь от 30.11.2023 № 182.

35. Об утверждении клинического протокола «Диагностика и лечение пациентов (взрослое население) с острым панкреатитом в стационарных условиях» : постановление Министерства здравоохранения Республики Беларусь от 30.11.2023 № 182.

36. Об утверждении клинического протокола «Диагностика и лечение пациентов (взрослое население) с острым холециститом в стационарных условиях» : постановление Министерства здравоохранения Республики Беларусь от 30.11.2023 № 182.

37. Об утверждении клинического протокола «Диагностика и лечение пациентов (взрослое население) с перфоративной гастродуоденальной язвой в стационарных условиях»: постановление Министерства здравоохранения Республики Беларусь от 30.11.2023 № 182.

38. Об утверждении клинического протокола «Диагностика и лечение пациентов (взрослое население) с травмой живота в стационарных условиях» : постановление Министерства здравоохранения Республики Беларусь от 30.11.2023 № 182.

39. Об утверждении клинического протокола «Диагностика и лечение пациентов (взрослое население) с ущемленной грыжей в стационарных условиях» : постановление Министерства здравоохранения Республики Беларусь от 30.11.2023 № 182.

40. Об утверждении клинического протокола «Диагностика и лечение пациентов с заболеваниями периферических артерий (взрослое население)» : постановление Министерства здравоохранения Республики Беларусь от 11.05.2023 № 77.

41. Об утверждении клинического протокола «Диагностика и лечение пациентов с хроническими заболеваниями вен (взрослое население)» : постановление Министерства здравоохранения Республики Беларусь от 21.06.2022 № 55.

42. Об утверждении клинического протокола «Диагностика и лечение пациентов (взрослое население) с тромбозом глубоких вен» : постановление Министерства здравоохранения Республики Беларусь от 22.03.2022 № 17.

43. Об утверждении клинического протокола «Медицинское наблюдение и оказание медицинской помощи женщинам в акушерстве и гинекологии» : постановление Министерства здравоохранения Республики Беларусь от 19.02.2018 г. № 17 : с изм. и доп.

44. О проведении обязательных и внеочередных медицинских осмотров работающих : постановление М-ва здравоохранения Респ. Беларусь от 29 июля 2019 г. № 74 : с изм. и доп.

## ЭЛЕКТРОННЫЕ БАЗЫ ДАННЫХ

1. Консультант студента : электронная библиотечная система : [сайт]. – URL: <https://www.studentlibrary.ru/> (дата обращения: 27.02.2026).

2. Лань : электронная библиотечная система : [сайт]. – URL: <https://e.lanbook.com> (дата обращения: 27.02.2026).

3. Репозиторий Гомельского государственного медицинского университета : [сайт]. – URL: <https://www.elib.gsmu.by/> (дата обращения: 27.02.2026).

4. BookUp. Большая медицинская библиотека : [сайт]. – URL: <https://www.books-up.ru/ru/catalog/bolshaya-medicenskaya-biblioteka/> (дата обращения: 27.02.2026).

5. MedBaseGeotar : справочно-информационная система [сайт]. – URL: <https://medbase.ru/pages/index.html> (дата обращения: 27.02.2026).

6. Wiley. Online Library : [website]. – URL: <https://onlinelibrary.wiley.com/> (date of access: 27.02.2026). – Access mode: for authorized users.

7. Znaniium : электронная библиотечная система : [сайт]. – URL: <https://znaniium.ru/> (дата обращения: 27.02.2026).

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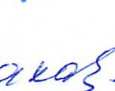
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K.D.Senchuk

The design of the internship program and accompanying documents meets the  
established requirements

Methodologist of Educational-  
methodical department



E.F. Storozhik

Head of the practice



G.I. Yechisheva

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