MINISTRY OF HEALTH OF THE REPUBLIC OF BELARUS
Educational Institution
BELARUSIAN STATE MEDICAL UNIVERSITY

Контрольный экземпляр

APPROVED
by Rector of the Educational Institution «Belarusian State Medical University»
_____ S.P.Rubnikovich
20. 11. 2024
Reg. # UD-091-052/2425 /edu.

OBSTETRICS AND GYNECOLOGY

Curriculum of the educational institution in the academic discipline for the specialty

1-79 01 07 «Dentistry»

2024

Curriculum is based on the educational program «Obstetrics and Gynecology», approved 20.11.2024, registration # УД-091-052/2425/уч.; on the educational plan in the specialty 1-79 01 07 «Dentistry», approved 15.05.2024, registration # 7-07-0911-03/2425/mf.

COMPILERS:

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RECOMMENDED FOR APPROVAL:

by the Department Obstetrics and Gynecology Department with advanced training and retraining course of the Educational Institution «Belarusian State Medical University» (protocol # 1 of 30.08.2024);

by the Scientific and Methodological Council of the Educational Institution «Belarusian State Medical University»
(protocol # 3 of 20.11.2024)

EXPLANATORY NOTE

«Obstetrics and Gynecology» is an academic discipline of the General Clinical Surgical Module, containing a system of systematized scientific knowledge about the course of physiological and pathological processes, occurring in the female body and conditioned by its anatomical and physiological features, as well as the conception, pregnancy, labor and postpartum period; about the methods of diagnostics, treatment, prevention of complications of the pregnancy, labor, postpartum period, diseases of the fetus and newborn, as well as the diseases of the reproductive organs at different age.

The aim of the discipline «Obstetrics and Gynecology» is formation of basic professional competency for rending of the medical care in physiological and pathological pregnancy, labour, puerperium, gynecological diseases.

The objectives of the «Obstetrics and Gynecology» are to form students' scientific knowledge about physiological and pathological processes occurring in the female body in different age-related periods, as well as in pregnancy, labor and postpartum period, skills and abilities required for:

examination of pregnant women, parturients, puerperas and gynecologic patients;

interpretation of the results of laboratory tests, objective clinical methods and imaging techniques;

making of a diagnosis;

diagnostics of gestational complications as well as complications of the labor and puerperium;

diagnostics of gynecological diseases;

rendering of medical aid in emergency situations presenting of life-threats or health-threats in obstetrics and gynecology.

The knowledge, skills, and abilities acquired during the study of the academic subject «Obstetrics and Gynecology» are necessary for successful mastering of the following academic disciplines: «Internal Medicine», «Surgery Diseases », «Infectious Diseases».

Studying the educational subject «Obstetrics and Gynecology» should ensure the formation of students' basic professional competencies: organize and provide medical assistance in emergency situations.

As a result of studying the discipline «Obstetrics and Gynecology» the student should

know:

aims, objectives, the principles of organization and providing obstetrical and gynecological care in the Republic of Belarus to pregnant women, parturients and puerperas, as well as women with gynecological pathology;

rules of medical ethics and deontology in obstetrics and gynecology;

indications and contraindications for prolongation of the pregnancy in the most common medical, surgical and gynecological diseases;

physiological processes occurring in the female reproductive system at various age-related periods;

physiological processes occurring in a female body in conception, pregnancy, childbirth and the postpartum period;

the physiological course and principles of management of pregnancy, childbirth, and the postpartum period;

features of neonatal period course;

methods of assessing the state of the functional system «mother – placenta – fetus»;

classification, clinical manifestations, methods of diagnosis, differential diagnosis, treatment and prevention of complications of pregnancy, labor, postpartum period, major gynecological diseases;

principles and methods of general and local anesthesia, pharmacotherapy, including antibiotic therapy, used in obstetrics and gynecology;

fundamentals of medical rehabilitation and following up of pregnant women, puerperas, patients with gynecological diseases;

be able to:

take of medical, reproductive and gynecological history in pregnant women, parturient, puerperas and patients with gynecological diseases;

carry out a general examination and assessment of the general condition of a pregnant woman, parturient, puerperas and patients with gynecological diseases;

conduct an objective external examination of a woman: an external obstetric examination, measurement of the size of the pelvis;

interpret the results of laboratory and instrumental methods of examination;

identify risk factors for obstetric and gynecological pathology;

make a diagnosis in the pathological course of pregnancy, childbirth, the postpartum period, in patients with gynecological diseases;

provide medical care for emergency conditions in obstetrics and gynecology;

master:

methods of estimation of gestational age and expected date of labour;

methods of estimation of the fetal expected body weight;

maneuvers of external obstetrical examination;

methods of estimation of the girth of the abdomen and height of the uterine fundus;

methods of diagnosis of pelvic structure and size in pregnant women.

Total number of hours for the study of the discipline is 48 academic hours, of which 30 classroom hours and 18 hours of student independent work. Classroom hours according to the types of studies: lectures – 12 hours (including 3 hours of supervised student independent work (SSIW)), practical classes –18 hours.

Intermediate assessment is carried out according to the syllabus of the specialty in the General Clinical Surgical Module (academic disciplines «Traumatology and Orthopedics», «Obstetrics and Gynecology») in the form of a differentiated credit (8 semester).

Form of higher education – full-time.

ALLOCATION OF ACADEMIC TIME ACCORDING TO SEMESTERS OF STUDY

Code, name of the specialty	semester	Number of academic hours						Form of intermediate certification
		total	in class	including			out-of-class self-studies	
				lectures	supervised student independent work	practical classes		
1-79 01 07 «Dentistry»	8	48	30	9	3	18	18	differentiated credit

THEMATIC PLAN

Section (topic) name	Number of class hours	
	lectures (incl. SSIW)	practical
1. Organization of obstetric and gynecological medical care	**1,5**	**–**
2. Physiology of the pregnancy, labour and puerperium	**1,5**	**5**
2.1. Cause and management of physiological pregnancy	1,5	2
2.2. Cause and management of physiological labor	–	2
2.3. Cause and management of physiological postpartum period	–	1
3. Pathology of the pregnancy, labour and puerperium	**4,5**	**7**
3.1. Preterm and postterm pregnancy	1,5	–
3.2. Pregnancy and labour in malposition and malpresentation of the fetus	1,5	–
3.3. Medical illness, gynecological disorders and acute surgical diseases in pregnant women	1,5	–
3.4. Preeclampsia. Eclampsia.	–	2
3.5. Hemorrhage in obstetrics	–	2
3.6. Abnormal uterine action. Maternal birth injures	–	1
3.7. Operative obstetrics	–	1
3.8. Puerperal complications	–	1
4. Gynecology	**4,5**	**6**
4.1. Examination methods of a patient with gynecologic diseases	–	2
4.2. Menstrual function abnormalities	–	2
4.3. Gynecological diseases requiring an urgent medical aid	–	2

Section (topic) name	Number of class hours	
	lectures (incl. SSIW)	practical
4.4. Inflammatory diseases of the female genitals	1,5	–
4.5. Background, premalignant and benign lesions of the female reproductive organs	1,5	–
4.6. Infertility. Family planning issues	1,5	–
Total hours	**12**	**18**

CONTENT OF THE EDUCATIONAL DISCIPLINE

1. Organization of obstetric and gynecological medical care

Reproductive and Child Health Care, the principles of organization of obstetric and gynecological medical care. Demographic policy of the Republic of Belarus. Current demographic trends in the World and in the Republic of Belarus.

The structure and main indicators (indexes) of the women's clinic, maternity hospitals, obstetric and gynecological departments.

Specialized obstetric and gynecological medical care.

Follow up of pregnant women, maternity patients and patients with gynecological diseases.

Maternal mortality and ways to reduce it.

Perinatal mortality and ways to reduce it.

Basic principles of ethics and deontology in obstetrics and gynecology. Moral and ethical standards of behavior of medical professionals, including in relationships with patients and others, colleagues, as well as representatives of government agencies and organizations. Features of ethics and deontology in obstetrics and gynecology.

2. Physiology of the pregnancy, labour and puerperium

2.1. Cause and management of physiological pregnancy

Female reproductive system. Physiological changes in pregnancy.

Fetal physiology: the fetus in certain periods of intrauterine development, critical periods in the development of the embryo and fetus.

Examination methods in obstetrics: taking of complaints and history, physical examination, diagnosis of pregnancy, estimation of gestational age and prediction of expected date of delivery, sick leaf in obstetrics, examination methods of fetal well-being.

Rational nutrition of pregnant women, the regime and personal hygiene of pregnant women. Physio-psychoprophylactic counseling of pregnant women for childbirth. Examination of pregnant women, taking of patient complaints and medical history, conducting a physical examination, planning of laboratory and instrumental examination, interpretation of the results of laboratory and instrumental methods. Practicing (on simulation equipment and at the patient's bedside) the skills of conducting external obstetric examination techniques (Leopold techniques), measuring the abdominal girth and the height of the uterine fundus above the pubic joint.

2.2. Cause and management of physiological labor

Components of the birth act: fetus is as an object of labor, birth canal, birth forces. False labour. The preliminary period. The clinical course of childbirth by period. Methods for assessing the condition of the mother and fetus during childbirth, interpretation of the results. Management of labor during first stage of labour (dilation and effacement). Management of childbirth during the second stage (expulsion of the fetus): mechanism of childbirth with anterior and posterior occipital presentation.

Management of the third stage (placenta separation and expulsion).

Pain relief of childbirth. Examination of women in labor, taking of patient's complaints and medical history, physical examination, laboratory and instrumental examination plan, interpretation of the results of laboratory and instrumental methods for assessment of the condition of the mother and fetus during childbirth, making of the diagnosis, a labor management planning based on the results of examination, planning of pain relief.

2.3. Cause and management of physiological postpartum period

Changes in a woman's body in the puerperium.

Clinical course and management of the puerperium.

The principles of breastfeeding.

Examination of women in labor, taking of patient s complaints and anamnesis, physical examination, planning for laboratory and instrumental examination, interpretation of the results of laboratory and instrumental investigations

3. Pathology of the pregnancy, labour and puerperium

3.1. Preterm and postterm pregnancy

Etiology, pathogenesis, diagnosis, prevention of preterm and postterm pregnancy. Management of preterm and postterm pregnancy. Management of preterm and postterm delivery. Differential diagnosis of postterm and prolonged pregnancy. Anatomical and physiological features of a premature and postmature newborn baby.

3.2. Pregnancy and labour in malposition and malpresentation of the fetus

Pregnancy and labor in breech presentation: classification and diagnosis of breech presentation; course of pregnancy and pregnancy and labour management.

Pregnancy and labor in transverse and oblique fetal lie.

Malpresentations: occiput-posterior, brow, face. Mechanism of labor.

3.3. Medical illness, gynecological disorders and acute surgical diseases in pregnant women

The course and management of pregnancy, childbirth, and the postpartum period in patients with congenital and acquired heart defects, hypertension, anemia, pyelonephritis, and diabetes mellitus.

The course and management of pregnancy, childbirth, and the postpartum period in uterine fibroids and ovarian tumors.

The course and management of pregnancy, childbirth, and the postpartum period in appendicitis, pancreatitis, and cholecystitis.

3.4. Preeclampsia. Eclampsia

Clinical manifestations, diagnosis, prevention, treatment of preeclampsia and eclampsia, indications for preterm delivery.

Examination of pregnant women, taking of patient s complaints and anamnesis, physical examination, planning of laboratory and instrumental examination, interpretation of the results of laboratory and instrumental investigations in order to conduct differential diagnosis of the disease and assess well-being of the fetus; making of the diagnosis; management; planning of delivery and type of delivery, indications for emergent delivery.

3.5. Hemorrhage in obstetrics

Etiology, clinical signs, diagnosis of hemorrhage in the early pregnancy, management.

Placenta previa: clinical manifestations, diagnosis, and management of the patient.

Placenta abruption: clinical manifestations, diagnosis, and management of the patient.

Postpartum hemorrhage: clinical manifestations, diagnosis, and management of the patient.

Disseminated intravascular coagulation: risk factors, clinical manifestations, emergency medical care, prevention, rehabilitation.

Hemorrhagic shock: risk factors, clinical manifestations, emergency medical care.

Amniotic fluid embolism: risk factors, clinical manifestations, emergency medical care.

Examination of patients in obstetric hemorrhage, taking of patient s complaints and anamnesis, physical examination, planning of laboratory and instrumental examination, interpretation of the results of laboratory and instrumental investigations; assessment of blood loss and severity of bleeding; making of a diagnosis; planning of the emergency medical care.

3.6. Abnormal uterine action. Maternal birth injures

Clinical manifestations, diagnosis and methods of treatment of pathological preliminary period, uterine inertia (hypotonic uterine action), incoordinate uterine action, precipitate labor, tonic uterine action. Causes, diagnostic methods and prevention of maternal birth injuries (uterine rupture, tissue injuries of the birth canal).

Examination of the parturients, taking of complaints and anamnesis, physical examination, planning of laboratory and instrumental examination of a parturient, interpretation of the results of laboratory and instrumental investigations to diagnose and make a differential diagnosis of labor abnormalities, assessment of maternal and fetal well-being, making of a diagnosis; management, indications for cesarean section.

3.7. Operative obstetrics

Caesarean section: types of cesarean section, indications, contraindications and conditions for surgery, management of pregnant women with a previous uterine scar.

Vacuum extraction: indications, contraindications, conditions for surgery, procedure, complications for mother and fetus.

Obstetric forceps: types and construction of obstetric forceps; indications, contraindications, prerequisites for applying obstetric forceps; complications for mother and fetus.

Examination of parturient, taking of patient complaints and anamnesis, physical examination, planning of laboratory and instrumental examination, interpretation of the results of laboratory and instrumental investigations, making of a diagnosis,

planning of a surgical intervention, indications for cesarean section, obstetric forceps and vacuum extraction.

3.8. Puerperal complications

Etiology, pathogenesis, classification of postpartum puerperal infection (postpartum pyrexia).

Clinical features and principles of treatment of postpartum puerperal infection (chorioamnionitis, endometritis, mastitis, peritonitis, sepsis, endotoxic shock).

Examination of puerperas, taking of patient complaints and medical history, physical examination, planning of laboratory and instrumental examination, interpretation of the results of laboratory and instrumental investigations to identify complications of the postpartum period; making of a diagnosis; treatment planning; indications for surgery.

4. Gynecology

4.1. Examination methods of a patient with gynecologic diseases

Clinical methods of examination: taking history, general examination, objective examination, palpation of the mammary glands. examination of the external and internal genitalia. Functional diagnostic tests. Endoscopic examination methods: colposcopy, hysteroscopy, laparoscopy. Imaging techniques in gynecology: X-ray (hysterosalpingography). Transabdominal and transvaginal ultrasound.

Training (on simulation equipment) of skills of gynecological examination, endoscopic diagnostic methods.

4.2. Menstrual function abnormalities

Clinical manifestations, diagnosis, differential diagnosis, principles of treatment and medical rehabilitation of patients with amenorrhea, dysmenorrhea, abnormal uterine bleeding based on age-relative approach, general condition, concomitant diseases.

Examination of patients, taking of patient complaints and anamnesis, planning of laboratory and instrumental examination, interpretation of the results of laboratory and instrumental investigations; making of the diagnosis; management, indications for surgical hemostasis in abnormal uterine bleeding, prevention of complications.

4.3. Gynecological diseases requiring an urgent medical aid

Clinical manifestations, diagnosis, differential diagnosis, management of patients with gynecological diseases requiring urgent medical care (ectopic pregnancy, ovarian apoplexy, ovarian torsion, necrosis of the myomas).

Examination of patients with acute abdominal and pelvic pain, taking of patient’s complaints and anamnesis, physical examination, planning of laboratory and instrumental examination, interpretation of the results of laboratory and instrumental investigations; making of a diagnosis; planning of the treatment; indications for surgical intervention.

4.4. Inflammatory diseases of the female genitals

Clinical manifestations, diagnosis, principles of treatment and prophylaxis of non-specific inflammatory diseases (vulvitis, bartholinitis, vaginitis, cervicitis, endometritis, salpingoophoritis, pelvioperitonitis).

Clinical manifestations, diagnosis, principles of treatment and prophylaxis of specific inflammatory diseases (bacterial vaginosis, candidiasis, chlamydia, mycoplasmosis, genital herpes, human papilloma virus infection).

4.5. Background, premalignant and benign lesions of the female reproductive organs

Classification, clinical manifestations, diagnosis, differential diagnosis, principles of treatment and prevention of background and premalignant diseases of the external genitalia, cervix and endometrium.

Uterine fibroids: classification, diagnosis, clinical manifestations, treatment, surgery.

Endometriosis: modern theories of pathogenesis, classification, diagnosis, clinical manifestations, treatment.

Ovarian neoplasms: classification, diagnosis, clinical manifestations, treatment.

4.6. Infertility. Family planning issues

The aim and objectives of reproductive medicine and family planning.

Medical and socio-psychological aspects of infertility, diagnosis and differential diagnosis of female infertility, modern methods of treatment. The causes of female and male infertility.

Methods of diagnosis and principles of treatment of female infertility. Assisted reproductive technologies.

Medical abortion: social and medical aspects of the problem, methods of termination of pregnancy in early and late gestational ages, indications, contraindications, complications, effects on reproductive function, prevention, rehabilitation.

Contraception: classification of methods and means of contraception, principle of action, method of use, contraindication and complications in different types of contraception.

CURRICULAR CHART OF THE ACADEMIC DISCIPLINE «OBSTETRICS AND GYNECOLOGY»

№	Section (topic) name	Number of in class hours		Supervised student independent work	Literature	Practical skills	Form of control	
		lectures	practical classes				of practical skills	of current / intermediate certification
	Lectures	**9**	–	**3**				
1.	Organization of obstetric and gynecological medical care	–	–	1,5	1, 3, 8, 10			Survey; computer testing
2.1	Cause and management of physiological pregnancy	1,5	–	–	1, 3, 8, 10			
3.1.	Preterm and postterm pregnancy	–	–	1,5	1, 3, 6, 8, 10			Survey; computer testing
3.2.	Pregnancy and labour in malposition and malpresentation of the fetus	1,5	–	–	1, 3, 6, 8, 10			
3.3	Medical illness, gynecological disorders and acute surgical diseases in pregnant women	1,5	–	–	3, 6, 8, 10			
4.4	Inflammatory diseases of the female genitals	1,5	–	–	2, 4, 5, 7, 8, 10			
4.5	Background, premalignant and benign lesions of the female reproductive organs	1,5	–	–	2, 4, 5, 7, 8, 10			
4.6	Infertility. Family planning issues	1,5	–	–	2, 4, 5, 7, 8, 10			

	Practical classes	–	**18**	–				
2.1-2.3, 3.8	Cause and management of physiological pregnancy. Cause and management of physiological labour. Cause and management of physiological postpartum period. Puerperal complications	–	6	–	1, 3, 5, 6, 8, 9, 10	1. Maneuvers of external obstetrical examination (Leopold's maneuvers). 2. Estimation of gestational age and expected date of labour. 3. Estimation of the fetal expected body weight	Assessment using electronic-mechanical and robot simulators * Solving of the situational task Solving of the situational task	Survey; computer testing; situational tasks
3.4-3.7	Preeclampsia. Eclampsia. Hemorrhage in odctetrics. Abnormal uterine action. Maternal birth injures. Operative obstetrics	–	6	–	1, 3, 5, 6, 8, 9, 10			Survey; computer testing; situational tasks *
4.1-4.3	Examination methods of a patient with gynecologic diseases. Menstrual function abnormalities. Gynecological diseases requiring an urgent medical aid	–	6	–	2, 4, 7, 8, 10			Survey; computer testing; situational tasks. Differentiated credit
	Total hours	**9**	**18**	**3**				

*This is a mandatory form of current certification

INFORMATION AND INSTRUCTIONAL UNIT

LITERATURE

Basic (relevant):

1. Obstetrics and gynecology : textbook. In 2 vol. V. 1 : Obstetrics / V. I. Gryshchenko, [и др.] ; ed. V. I. Gryshchenko, M. O. Shcherbina. – 2 ed. – Kyiv : AUS Medicine Publishing, 2018. – 392 p.
2. Obstetrics and gynecology : textbook. In 2 vol. V. 2 : Gynecology / V. I. Gryshchenko, [et al.] ; ed. V. I. Gryshchenko, M. O. Shcherbina. – 2 ed. – Kyiv : AUS Medicine Publishing, 2018. – 352 p.
3. DC Dutta's textbook of obstetrics including perinatology and contraception / ed. by H. Konar. – 9 ed. – New Delhi : The Health Sciences Publisher, 2018. – 631 p.
4. DC Dutta's textbook of gynecology including contraception / ed. by H. Konar. – 7 ed. – New Delhi : The Health Sciences Publisher, 2016. – 574 p.
5. Obstetrics : textbook / ed. by V. E. Radzinskiy, A. M. Fuks, Ch. G. Gagaev. – Москва : Гэотар-Медиа, 2019. – 876 p.

Additional:

6. Obstetrics : the issues of pregnancy, labor and puerperium : teaching aid / T. A. Smirnova et al. – Minsk : BSMU, 2018. – 160 p.
7. Smirnova, T. A. Composing a gynecological history : methodological recommendations. – Minsk : BSMU, 2016. – 20 p.
8. Smirnova T.A. Labor case history scheme : methodological recommendations. - Minsk : BSMU, 2015. – 16 p.
9. Smirnova, T. A. Obstetrical pathology: selected issues: teaching aid. – Minsk : BSMU, 2021. – 56 p.

Electronic courseware for the academic discipline «Obstetrics and gynecology»:

10. https://etest.bsmu.by/course/view.php?id=505.

METHODOLOGICAL RECOMMENDATIONS FOR THE ORGANIZATION AND PERFORMANCE OF STUDENT INDEPENDENT WORK IN THE ACADEMIC DISCIPLINE

The time allocated for independent work can be used by students for:
preparing for lectures and practical classes;
preparing for colloquium;
studying of the topics (issues) designed for independent work;
solving situational tasks;
mastering practical skills;
taking notes of educational literature, web-sites;
preparing topic reports, presentations, reviews.

METHODOLOGICAL RECOMMENDATIONS FOR THE ORGANIZATION AND PERFORMANCE OF SUPERVISED STUDENT INDEPENDENT WORK IN THE ACADEMIC DISCIPLINE

APPROXIMATE LIST OF TASKS FOR SUPERVISED STUDENT INDEPENDENT WORK:

preparation and presentation of abstracts;

studying topics and problems that have not been discussed at the lectures;

taking notes of original sources (sections of anthologies, collections of documents, monographs, textbooks).

FORMS OF CONTROL OF SUPERVISED STUDENT INDEPENDENT WORK:

survey;

computer testing.

LIST OF AVAILABLE DIAGNOSTIC TOOLS

The following forms are used for competence assessment:

survey;

computer testing;

situational tasks.

LIST OF AVAILABLE TEACHING METHODS

Traditional method;

active (interactive) methods:

Team-Based Learning (TBL);

Case-Based Learning (CBL);

training based on simulation technologies.

LIST OF PRACTICAL SKILLS

Name of practical skills	Form of practical skills control
1. Maneuvers of external obstetrical examination (Leopold's maneuvers)	Assessment using electronic-mechanical and robot simulators
2. Estimation of the fetal expected body weight	Solving of the situational task
3. Estimation of gestational age and expected date of labour	Solving of the situational task

LIST OF SIMULATION EQUIPMENT USED

The phantom of the female pelvis;

an obstetric doll (baby);

obstetric phantom with a baby;

female trunk;

pelvimeter.

a mannequin for mastering the skills of obstetrics and emergency care in obstetrics;

a robot simulator for mastering skills of delivery (maneuvers);

a mannequin of a newborn baby.

PROTOCOL OF THE CURRICULUM APPROVAL BY OTHER DEPARTMENTS

Title of the discipline requiring approval	Department	Amendments to the curriculum in the academic discipline	Decision of the department, which designed the curriculum (date, protocol #)
1. Internal Diseases	Internal Diseases, gastroenterology and nutriciology with advanced training and retraining course	No offers	Protocol № 1 dated 30.08.2024
2. Surgical Diseases	Surgical Diseases with advanced training and retraining course	No offers	Protocol № 1 dated 30.08.2024
3. Infectious Diseases	Infectious Diseases with advanced training and retraining course	No offers	Protocol № 1 dated 30.08.2024

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Associate Professor of the Department of Obstetrics and Gynecology with advanced training and retraining course of Educational Institution «Belarusian State Medical University», Ph.D., Associate Professor — E.N.Kirillova

Curriculum content, composition and the accompanying documents comply with the established requirements.

Head of the Department of Educational Activities of the educational institution «Belarusian State Medical University» — I.L.Kotovich
18.11. 2024

Methodologist of the Educational and Methodical Department of the Educational Activities Department of the Educational Institution «Belarusian State Medical University» — S.V.Zaturanava
18.11. 2024