



Syllabus on the discipline «Obstetrics and Gynecology»

<u>1. General information</u>	
Faculty	Medical faculty
Educational program (<i>field, specialty, level of higher education, form of education</i>)	22 Healthcare, 222 Medicine, second (Master's) level of higher education, full-time
Academic year	2022-2023
Discipline name, code (<i>electronic identification at the Danylo Halytskyi Lviv National Medical University website</i>)	Obstetrics and Gynecology, OK-45 new.meduniv.lviv.ua/kafedry/kafedra-akusherstva-i-ginekologiyi/
Department (<i>name, address, phone, e-mail</i>)	Department of Obstetrics and Gynecology 79008, Lviv, 8 Rapoport street e-mail: Kaf_obstetrics@meduniv.lviv.ua
Chair of the Department (<i>e-mail</i>)	MD, Professor, Corresponding Member of NAMS of Ukraine Markin L.B. Kaf_obstetrics@meduniv.lviv.ua
Educational year (<i>year of the discipline study</i>)	5
Semester (<i>semester of the discipline study</i>)	9, 10
Type of the discipline/module (<i>mandatory / optional</i>)	<u>Mandatory</u>
Teaching staff (<i>names, surnames, scientific degrees and titles, of the teaching staff, e-mails</i>)	lmarkin,Markin,Leonid, shatik2@ukr.net, kshatylovyh,Shatylovyh,Kateryna,shatik2@ukr.net hsemenyna,Semenyna,Halyna,yaroslavbuchko@gmail.com opaienok,Payenok,Oleksandr,a.payenok@gmail.com oshakhova,Shakhova,Olena,oshakhova69@gmail.com hkynunets,Kunynets,Halyna,rapoport,8@ukr.net esvjatockaja,Svyatotska,Olena,svelena@meta.ua ozhemela,Zhemela,Olena,Olenaz2008@ukr.net ianisimova,Anisimova,Iryna,anisimira@gmail.com obesedyn,Besedin,Oleksandr,besedyn@gmail.com kisayeva,Isayeva,Kateryna,besedyn@gmail.com omatviyenko,Matvienko,Oleh,oleh.doctor@gmail.com apopovych,Popovych,Alla,popallochka@ukr.net lyashchenko,Yashchenko,Larysa,jaschenkoll@gmail.com orachkevych,Rachkevych,Olena,olena777ra@gmail.com ielyashevskaja,Elyashevskaja,Iryna,irynaelyashevskaja@gmail.com ipylypchuk,Pylypchuk,Iryna,iryna.pylypchuk@gmail.com lsehedii,Sehediy,Lidiya,segediylidia@gmail.com sslavitych,Slavitych,Svitlana,svitlankaslavitych@gmail.com tfartushok,Fartushok,Tetyana,fartushok1@ukr.net vflud,Flud,Vadym,nic2016@ukr.net

	mdoroshenkokravtchyk,Doroshenko-Kravchyk,doroshenko.marta@gmail.com
Erasmus yes/no (availability of discipline for students within the program Erasmus+)	-
Person, responsible for syllabus (the person to whom comments on the syllabus should be given, e-mail)	Larysa Yashchenko, head teacher jaschenkoll@gmail.com
Number of ECTS credits	4
Number of hours (lectures / practical classes / self-reliance work)	120 hours (lectures – 10, practical classes – 51, self-reliance work – 59)
Language	Ukrainian, English
Information on the consultations	Consultations are held in accordance with the schedule from 16.00 pm till 18.00 pm
Address, telephone and rules of operation of the clinical base, office... (if necessary)	Lviv clinic hospital №3 79008, Lviv, 8 Rapoporta street, tel.+380(32)33-14-72 Maternity Hospital №1 79017, Lviv, 8 Mechnikova street, tel.+380(32)75-93-13 Lviv Regional Hospital 79000,4 Nekrasova street tel.+380(32)236-82-11

2. Short resume of the discipline

The subject of the discipline is «Obstetrics and Gynecology» (from the french Accoucher – help during childbirth) – the oldest branch of medicine, a science that studies measures to help women during pregnancy, childbirth and the postpartum period. The practical purpose of obstetrics is to provide rational medical care to pregnant women, mothers and parturients, as well as newborns. Obstetrics is the oldest part of clinical medicine, and its age is measured by the period of time as the development of society. Gynecology (from the greek gyne – woman, logos – science) studies the anatomical and physiological features of the female body, diseases of the female genitals, methods of their diagnosis, prevention and treatment of patients.

Modern obstetrics are the only clinical disciplines that provide medical students in the 5th year of study to acquire knowledge, skills and practical skills that will help in the future work to correctly and quickly diagnose and provide emergency care, and will be a good foundation. for further treatment in the hospital. The program is developed taking into account the principles of evidence-based medicine and on the basis of standards of medical care in obstetrics and gynecology, approved by orders of the Ministry of Health of Ukraine. The discipline «Obstetrics and Gynecology» is one of the main sections of the medical specialty, which trains a highly qualified doctors.

3. Objective and tasks of the discipline

- The purpose of teaching the discipline "Obstetrics and Gynecology" is: acquiring knowledge of physiological and pathological obstetrics, mastering the general principles of pregnancy, childbirth and the postpartum period, the ability to analyze obstetrics and surgical risks of gynecological and gynecological diseases additional research methods, demonstrate skills and abilities according to the educational-professional program (EPP).
- Learning objectives: to teach students to interpret the clinical anatomy of the female genitals and the physiology of the reproductive system.
Plan the tactics of pregnancy, physiological childbirth and the postpartum period. Make a preliminary diagnosis of complications of pregnancy, childbirth and the postpartum period. Perform the necessary

medical manipulations. Plan and provide emergency care in obstetrics. The ultimate goals of the discipline include the acquisition of knowledge and skills in terms of solving professional problems and the ability to provide emergency medical care in extreme conditions in obstetrics .

• **Competences:**

- **integral:** Ability to solve complex problems, including research and innovation in medicine, the ability to continue learning with a high degree of autonomy

- **general:**

1 Ability to abstract thinking, analysis and synthesis

2 Ability to learn and master modern knowledge.

3 Ability to apply knowledge in practical situations.

4 Knowledge and understanding of the subject area and understanding of professional activity.

5 Ability to adapt and act in a new situation.

6 Ability to make informed decisions.

7 Ability to work in a team.

8 Ability to interpersonal interaction.

9 Ability to communicate in a foreign language.

10 Ability to use information and communication technologies.

11 Ability to search, process and analyze information from various sources.

12 Definiteness and perseverance in terms of tasks and responsibilities.

13 Awareness of equal opportunities and gender issues.

14 The ability to exercise own rights and responsibilities as a member of society, to realize the values of civil (free democratic) society and the need for its sustainable development, the rule of law, human rights and freedoms and the citizen of Ukraine.

15 Ability to preserve and increase moral, cultural, scientific values and achievements of society based on understanding the history and patterns of development of the subject area, its place in the general system of knowledge about nature and society and in the development of society, techniques and technologies. active recreation and leading a healthy lifestyle.

- **special (professional, subject):**

1 Ability to collect medical information about the patient and analyze clinical data.

2 Ability to determine the required list of laboratory and instrumental studies and evaluate their results.

3 Ability to establish a preliminary and clinical diagnosis of the disease.

4 Ability to determine the required mode of work and rest in the treatment of diseases.

5 Ability to determine the nature of nutrition in the treatment and prevention of diseases

6 Ability to determine the principles and nature of treatment and prevention of diseases.

7 Ability to diagnose emergencies.

8 Ability to determine the tactics of emergency medical care.

9 Ability to carry out medical and evacuation measures.

10 Ability to perform medical manipulations.

11 Ability to solve medical problems in new or unfamiliar environments with incomplete or limited information, taking into account aspects of social and ethical responsibility.

12 Ability to determine the tactics of physiological pregnancy, physiological childbirth and the postpartum period. Family planning and contraceptive counseling skills.

13 Ability to carry out sanitary and hygienic and preventive measures.

14 Ability to conduct a performance examination.

15 Ability to keep medical records, including electronic forms.

16 Ability to assess the impact of the environment, socio-economic and biological determinants on the health of the individual, family, population.

17 Ability to analyze the activities of a doctor, department, health care facility, ensure the quality of

medical care and improve the efficiency of medical resources.

18 Ability to analyze the activities of a doctor, department, health care facility, ensure the quality of medical care and improve the efficiency of medical resources.

19 Ability to analyze the activities of a doctor, department, health care facility, ensure the quality of medical care and improve the efficiency of medical resources.

20 Adherence to ethical principles when working with patients, laboratory animals.

21 Adherence to professional and academic integrity, be responsible for the accuracy of scientific results.

4. Prerequisites of the discipline

«Obstetrics and gynecology» as a discipline is based on the knowledge gained by students in the study of medical biology, normal and pathological anatomy, topographic anatomy, normal and pathological physiology of the reproductive system, histology and embryology, microbiology, pharmacology, clinical genetics and internal genetics, internal diseases, surgical diseases, hygiene, social medicine, organization and economics of health care and integrates with these disciplines.

5. Program results of study

1 Have a thorough knowledge of the structure of professional activity. Be able to carry out professional activities that require updating and integration of knowledge. Be responsible for professional development, the ability to further professional training with a high level of autonomy.

2 Understanding and knowledge of basic and clinical biomedical sciences, at a level sufficient to solve professional problems in the field of health care.

3 Specialized conceptual knowledge, which includes scientific achievements in the field of health care and is the basis for research, critical understanding of problems in the field of medicine and related interdisciplinary problems.

4 Identify and identify the leading clinical symptoms or syndromes (according to list 1), according to standard methods, using preliminary history of the patient, examination data, knowledge about the person, his organs and systems. Establish a preliminary clinical diagnosis of the disease (according to list 2).

5 Collect complaints, anamnesis of life and disease, assess the psychomotor and physical development of the patient, the condition of organs in body systems, based on the results of laboratory and instrumental studies to assess information about the diagnosis (list 4). Taking into account the patient's age.

6 Evaluate information about the diagnosis using a standard procedure based on the results of laboratory and instrumental studies.

7 Establish a final clinical diagnosis by making an informed decision and analysis of the obtained subjective and objective data of clinical, additional examination, differential diagnosis, adhering to the relevant ethical and legal norms, under the supervision of a physician-manager in a health care facility (list 2).

8 Prescribe and analyze additional (mandatory and optional) methods of examination (laboratory, functional and/or instrumental) (according to list 4) of patients with diseases of organs and systems of the body for differential diagnosis of diseases (according to list 2). Carry out differential diagnosis of diseases. Establish a preliminary and clinical diagnosis.

9 Determine the main clinical syndrome or the severity of the victim's condition (according to list 3) by making an informed decision and assessing the person's condition under any circumstances (in a health care facility, outside it), including in conditions of emergency and hostilities, in the field, in conditions of lack of information and limited time.

10 Determine the nature and principles of treatment of patients (conservative, operative) with diseases (according to list 2), taking into account the age of the patient, in a health care facility, outside it and at the stages of medical evacuation, including in the field, on the basis of a preliminary clinical diagnosis, adhering to the relevant ethical and legal norms, by making an informed decision on existing algorithms

and standard schemes, if necessary to expand the standard scheme to be able to justify personalized recommendations under the supervision of a physician.

11 Determine the necessary mode of work, rest and nutrition on the basis of the final clinical diagnosis, adhering to the relevant ethical and legal norms, by making an informed decision according to existing algorithms and standard schemes.

12 Determine the approach, plan and tactics of physiological pregnancy, physiological childbirth and the postpartum period by making an informed decision according to existing algorithms and standard schemes.

13 Assess the general condition of the newborn child by making an informed decision according to existing algorithms and standard schemes, adhering to the relevant ethical and legal norms. 14 Assess and monitor the child's development, provide recommendations for breastfeeding and nutrition depending on age, organize preventive vaccinations on the calendar.

15 Identify tactics and provide emergency medical care in emergencies (according to list 3) for a limited time in accordance with existing clinical protocols and treatment standards.

16 Organize the provision of medical care and medical and evacuation measures to the population and servicemen in emergencies and hostilities, including in the field.

17 To form rational medical routes of patients; to organize interaction with colleagues in the and other establishments, the organizations and establishments; to apply tools for the promotion of medical services on the market, based on the analysis of the needs of the population, in the conditions of functioning of the health care institution, its subdivision, in a competitive environment.

18 Perform medical manipulations (according to list 5) in a medical institution, at home or at work on the basis of a previous clinical diagnosis and / or indicators of the patient's condition by making an informed decision, adhering to the relevant ethical and legal norms.

19 Determine the state of functioning and limitations of a person's life and duration of incapacity for work with the relevant documents, in a health care facility on the basis of data on the disease and its course, features of professional activity, etc. Maintain medical records of the patient and the population on the basis of regulations.

20 Analyze the epidemiological situation and carry out measures of mass and individual, general and local prevention of infectious diseases.

21 Search for the necessary information in the professional literature and databases of other sources, analyze, evaluate and apply this information.

22 Apply modern digital technologies, specialized software, statistical methods of data analysis to solve complex health problems.

23 Assess the impact of the environment on human health to assess the incidence of the population.

24 Organize the necessary level of individual safety (own and those cared for) in case of typical dangerous situations in the individual field of activity.

25 Clearly and unambiguously communicate their knowledge, conclusions and arguments on health issues and related issues to professionals and non-specialists.

26 Communicate fluently in the state and English languages, both orally and in writing, to discuss professional activities, research and projects.

27 Plan, organize and conduct activities for the specific prevention of infectious diseases, including in accordance with the National Calendar of preventive vaccinations, both mandatory and recommended. Manage vaccine residues, organize additional vaccination campaigns, including immunoprophylaxis measures.

List of the results of study

Code of the result of study	Content of the result of study	Link to the code in the matrix of competencies
Code is created	Results of study determine that the student must know,	Symbol of the

while filling out the syllabus (categories: Kn – knowledge, Ab – ability, C – competence, AR – autonomy and responsibility)	understand and be able to perform, after completing the discipline. Results of study follow from the set learning goals. To enroll in the discipline, it is necessary to confirm the achievement of each result of study.	Program Result of study Code in the Higher Education Standard
Ab-1	Be able to conduct obstetric examination. Know obstetric terminology.	PR-1
Ab-2	Know modern standards of care for emergency obstetric pathology. Know how to plan investigation.	PR-2
Ab-3	Be able to take material for cytological, histological and bacteriological examination and be able to interpret them.	PR-2
Ab-4	Be able to diagnose the disease, to conduct differential diagnosis, therapy, prevention and rehabilitation of obstetric patients.	PR-3
Ab-5	Be able to collect and evaluate obstetric and gynecological history.	PR-1
Ab-6	Be able to conduct external and internal obstetric examination, assess the condition of the fetus and newborn.	PR-2
Ab-7	Be able to provide emergency care in obstetric pathology.	PR-8
Ab-8	Ability to determine the tactics of physiological pregnancy, physiological labor and the postpartum period.	PR-3
AR-1	Be responsible for the implementation of ethical and deontological norms.	PR-4
AR-2	Independent work with the legislation of Ukraine and international standards in health care	PR-4
C-1	Ability to communicate with the patient during the examination	PR-3
C-2	Effectively form a communication strategy when communicating with the patient. Enter information about the health of the patient or pregnant woman.	PR-3
Kn-1	To have knowledge of the physiology and anatomy of the female body.	PR-1

6. Discipline format and scope

Discipline format (<i>full-time / part-time</i>)	Full-time	
Type of classes	Number of hours	Number of groups
lectures	10	
practical classes	51	
seminars		
self-reliance	59	

7. Topics and scope of the discipline

Code of the class type	Topic	Scope of study	Code of the result of study	Teaching staff
L-1 (<i>lecture 1</i>)	Early preeclampsia. Preeclampsia. Eclampsia.	Presentation of lecture material using multimedia support. Outlining problematic issues. Providing answers	Kn-1, Ab-1, Ab-2, Ab-4, Ab-6, Ab-7 C-1, C-2, AR-1, AR-2	K. Isaeva

		to questions.		
L-2	Miscarriage.	Presentation of lecture material using multimedia support. Outlining problematic issues. Providing answers to questions.	Kn-1, Ab-1, Ab-2, Ab-4, Ab-5, Ab-6, Ab-7, C-1, C-2, AR-1, AR-2	O. Matvienko
L-3	Bleeding during pregnancy, labor and the postpartum period. Hemorrhagic shock. DIC. Intensive care and resuscitation in bleeding in obstetrics.	Presentation of lecture material using multimedia support. Outlining problematic issues. Providing answers to questions.	Kn-1, Ab-1, Ab-2, Ab-3, Ab-4, Ab-5, AB-6, Ab-7, C-1, C-2, AR-1, AR-2	K. Shatylovykh
L-4	Surgical interventions in obstetrics. Maternity traumatism.	Presentation of lecture material using multimedia support. Outlining problematic issues. Providing answers to questions.	Kn-1, Ab-1, Ab-2, Ab-4, Ab-5, Ab-6, Ab-7, C-1, C-2, AR-1, AR-2	L. Yashchenko
L-5	Postpartum septic diseases.	Presentation of lecture material using multimedia support. Outlining problematic issues. Providing answers to questions.	Kn-1, Ab-1, Ab-2, Ab-3, Ab-4, C-1, C-2, AR-1, AR-2	K. Shatylovykh
P-1 (<i>practical class 1</i>)	Women`s pelvis. The fetus as an object of labor. Physiology of pregnancy. Methods of examination of pregnant women. Perinatal protection of the fetus.COVID-19 diagnosis,management of pregnant women,treatment.	1. Checking the mastering of the list of questions from the class plan. 2. Discussion of issues for self-control. 3. Solving situational problems. 4. Clarification of problematic issues. 5. Summarizing the class.	Kn-1, Ab-1, Ab-4, Ab-5, Ab-6, Ab-8, C-1, C-2, AR-1, AR-2	L. Yashchenko, K. Isaeva, O. Rachkevych, L. Sehediy
P-2	Physiology of labor. Labor analgesia.	1. Checking the mastering of the list of questions from the class plan. 2. Discussion of issues for self-control. 3. Solving situational problems. 4. Clarification of problematic issues. 5. Summarizing the	Kn-1, Ab-1, Ab-3, Ab-4, Ab-5, Ab-6, Ab-8, C-1, C-2, AR-1, AR-2	L. Yashchenko, K. Isaeva, O. Rachkevych, L. Sehediy

		class.		
P-3	Physiology of the postpartum period. Physiology of the neonatal period.	<ol style="list-style-type: none"> 1. Checking the mastering of the list of questions from the class plan. 2. Discussion of issues for self-control. 3. Solving situational problems. 4. Clarification of problematic issues. 5. Summarizing the class. 	Kn-1, Ab-1, Ab-3, Ab-4, Ab-5, Ab-8, C-1, C-2, AR-1, AR-2	L. Yashchenko, K. Isaeva, O. Rachkevych, L. Sehediy
P-4	Placental dysfunction. Fetal distress. Delayed fetal development.	<ol style="list-style-type: none"> 1. Checking the mastering of the list of questions from the class plan. 2. Discussion of issues for self-control. 3. Solving situational problems. 4. Clarification of problematic issues. 5. Summarizing the class. 	Kn-1, Ab-1, Ab-2, Ab-4, Ab-5, Ab-6, Ab-8, C-1, C-2, AR-1, AR-2	L. Yashchenko, K. Isaeva, O. Rachkevych, L. Sehediy
P-5	Isoantigen incompatibility of maternal and fetal blood. Multiple pregnancy. Anomalies in the development of the fertilized egg.	<ol style="list-style-type: none"> 1. Checking the mastering of the list of questions from the class plan. 2. Discussion of issues for self-control. 3. Solving situational problems. 4. Clarification of problematic issues. 5. Summarizing the class. 	Kn-1, Ab-1, Ab-2, Ab-3, Ab-4, Ab-5, Ab-7, Ab-8, C-1, C-2, AR-1, AR-2	L. Yashchenko, K. Isaeva, O. Rachkevych, L. Sehediy
P-6	Early gestosis. Hypertensive disorders during pregnancy. Preeclampsia. Eclampsia. Intensive care.	<ol style="list-style-type: none"> 1. Checking the mastering of the list of questions from the class plan. 2. Discussion of issues for self-control. 3. Solving situational problems. 4. Clarification of problematic issues. 5. Summarizing the 	Kn-1, Ab-1, Ab-2, Ab-4, Ab-5, Ab-6, Ab-7, C-1, C-2, AR-1, AR-2	L. Yashchenko, K. Isaeva, O. Rachkevych, L. Sehediy

		class.		
P-7	Miscarriage.	<ol style="list-style-type: none"> 1. Checking the mastering of the list of questions from the class plan. 2. Discussion of issues for self-control. 3. Solving situational problems. 4. Clarification of problematic issues. 5. Summarizing the class. 	Kn-1, Ab-1, Ab-2, Ab-3, Ab-4, Ab-5, Ab-6, Ab-7, C-1, C-2, AR-1, AR-2	L. Yashchenko, K. Isaeva, O. Rachkevych, L. Sehediy
P-8	Narrow pelvis. Anomalies of position and presentation of the fetus. Labor in the wrong position and breech presentation of the fetus.	<ol style="list-style-type: none"> 1. Checking the mastering of the list of questions from the class plan. 2. Discussion of issues for self-control. 3. Solving situational problems. 4. Clarification of problematic issues. 5. Summarizing the class. 	Kn-1, Ab-1, Ab-2, Ab-4, Ab-5, Ab-6, Ab-7, C-1, C-2, AR-1, AR-2	L. Yashchenko, K. Isaeva, O. Rachkevych, L. Sehediy
P-9	Uterine contractions abnormalities.	<ol style="list-style-type: none"> 1. Checking the mastering of the list of questions from the class plan. 2. Discussion of issues for self-control. 3. Solving situational problems. 4. Clarification of problematic issues. 5. Summarizing the class. 	Kn-1, Ab-1, Ab-2, Ab-4, Ab-5, Ab-6, Ab-7, C-1, C-2, AR-1, AR-2	L. Yashchenko, K. Isaeva, O. Rachkevych, L. Sehediy
P-10	Obstetric hemorrhages during the second half of pregnancy, labor and the postpartum period.	<ol style="list-style-type: none"> 1. Checking the mastering of the list of questions from the class plan. 2. Discussion of issues for self-control. 3. Solving situational problems. 4. Clarification of problematic issues. 5. Summarizing the 	Kn-1, Ab-1, Ab-2, Ab-4, Ab-5, Ab-6, Ab-7, C-1, C-2, AR-1, AR-2	L. Yashchenko, K. Isaeva, O. Rachkevych, L. Sehediy

		class.		
P-11	Intensive care and reanimation at hemorrhages in obstetrics.	<ol style="list-style-type: none"> 1. Checking the mastering of the list of questions from the class plan. 2. Discussion of issues for self-control. 3. Solving situational problems. 4. Clarification of problematic issues. 5. Summarizing the class. 	Kn-1, Ab-1, Ab-2, Ab-4, Ab-5, Ab-6, Ab-7, C-1, C-2, AR-1, AR-2	L. Yashchenko, K. Isaeva, O. Rachkevych, L. Sehediy
P-12	Operative obstetrics. Labor trauma.	<ol style="list-style-type: none"> 1. Checking the mastering of the list of questions from the class plan. 2. Discussion of issues for self-control. 3. Solving situational problems. 4. Clarification of problematic issues. 5. Summarizing the class. 	Kn-1, Ab-1, Ab-2, Ab-4, Ab-5, Ab-6, Ab-7, C-1, C-2, AR-1, AR-2	L. Yashchenko, K. Isaeva, O. Rachkevych, L. Sehediy
P-13	Postpartum septic diseases.	<ol style="list-style-type: none"> 1. Checking the mastering of the list of questions from the class plan. 2. Discussion of issues for self-control. 3. Solving situational problems. 4. Clarification of problematic issues. 5. Summarizing the class. 	Kn-1, Ab-1, Ab-2, Ab-4, Ab-5, Ab-6, Ab-7, C-1, C-2, AR-1, AR-2	L. Yashchenko, K. Isaeva, O. Rachkevych, L. Sehediy
SRW-1 (<i>self-reliant work 1</i>)	Women`s pelvis. The fetus as an object of childbirth. Methods of the examinations in obstetric. COVID-19 diagnosis, management of pregnant women, treatment terminology. Perinatal care.	List of questions to the topic processing. Preparation of answers to self-control questions. Preparation of creative tasks to the topic.	Kn-1, Ab-1, Ab-3, Ab-4, Ab-5, Ab-6, Ab-8, C-1, C-2, AR-1, AR-2	L. Yashchenko, K. Isaeva, O. Rachkevych, L. Sehediy
SRW-2	Physiology of labor. Labor analgesia. Pharmacotherapy during pregnancy. Physiological	List of questions to the topic processing. Preparation of	Kn-1, Ab-1, Ab-3, Ab-4, Ab-5, Ab-8, C-1, C-2,	L. Yashchenko, K. Isaeva, O. Rachkevych, L. Sehediy

	changes in a woman`s body due to childbirth.	answers to self-control questions. Preparation of creative tasks to the topic.	AR-1, AR-2	
SRW-3	Physiology of the postpartum period. Physiology of the neonatal period. Pharmacotherapy during lactation.	List of questions to the topic processing. Preparation of answers to self-control questions. Preparation of creative tasks to the topic.	Kn-1, Ab-1, Ab-2, Ab-4, Ab-5, Ab-6, Ab-8, C-1, C-2, AR-1, AR-2	L. Yashchenko, K. Isaeva, O. Rachkevych, L. Sehediy
SRW-4	Placental dysfunction. Fetal distress. Delayed fetal development. Endocrinology of embryonic and fetal periods.	List of questions to the topic processing. Preparation of answers to self-control questions. Preparation of creative tasks to the topic.	Kn-1, Ab-1, Ab-2, Ab-3, Ab-4, Ab-5, Ab-7, Ab-8, C-1, C-2, AR-1, AR-2	L. Yashchenko, K. Isaeva, O. Rachkevych, L. Sehediy
SRW-5	Isoantigen incompatibility of maternal and fetal blood. Multiple pregnancy. . Anomalies in the development of the fertilized egg. Development of a fertilized egg depending on the gestational age.	List of questions to the topic processing. Preparation of answers to self-control questions. Preparation of creative tasks to the topic.	Kn-1, Ab-1, Ab-2, Ab-4, Ab-5, Ab-6, Ab-7, C-1, C-2, AR-1, AR-2	L. Yashchenko, K. Isaeva, O. Rachkevych, L. Sehediy
SRW-6	Early gestosis. Hypertensive disorders during pregnancy. Preeclampsia. Eclampsia. Intensive care.	List of questions to the topic processing. Preparation of answers to self-control questions. Preparation of creative tasks to the topic.	Kn-1, Ab-1, Ab-2, Ab-4, Ab-5, Ab-6, Ab-7, C-1, C-2, AR-1, AR-2	L. Yashchenko, K. Isaeva, O. Rachkevych, L. Sehediy
SRW-7	Miscarriage. Prenatal diagnosis of early pregnancy.	List of questions to the topic processing. Preparation of answers to self-control questions. Preparation of creative tasks to the topic.	Kn-1, Ab-1, Ab-2, Ab-4, Ab-5, Ab-6, Ab-7, C-1, C-2, AR-1, AR-2	L. Yashchenko, K. Isaeva, O. Rachkevych, L. Sehediy
SRW-8	Narrow pelvis. Anomalies of position and presentation of the fetus. Labor in the wrong position and breech presentation of the fetus.	List of questions to the topic processing. Preparation of answers to self-control questions.	Kn-1, Ab-1, Ab-2, Ab-4, Ab-5, Ab-6, Ab-7, C-1, C-2, AR-1, AR-2	L. Yashchenko, K. Isaeva, O. Rachkevych, L. Sehediy

		Preparation of creative tasks to the topic.		
SRW-9	Uterine contractions abnormalities. Postmature pregnancy.	List of questions to the topic processing. Preparation of answers to self-control questions. Preparation of creative tasks to the topic.	Kn-1, Ab-1, Ab-2, Ab-4, Ab-5, Ab-6, Ab-7, C-1, C-2, AR-1, AR-2	L. Yashchenko, K. Isaeva, O. Rachkevych, L. Sehediy
SRW-10	Obstetric hemorrhages during the second half of pregnancy, labor and the postpartum period. Hemorrhagic shock and emergencies in obstetrics.	List of questions to the topic processing. Preparation of answers to self-control questions. Preparation of creative tasks to the topic.	Kn-1, Ab-1, Ab-2, Ab-4, Ab-5, Ab-6, Ab-7, C-1, C-2, AR-1, AR-2	L. Yashchenko, K. Isaeva, O. Rachkevych, L. Sehediy
SRW-11	Intensive care and reanimation at hemorrhages in obstetrics. cardiopulmonary resuscitation.	List of questions to the topic processing. Preparation of answers to self-control questions. Preparation of creative tasks to the topic.	Kn-1, Ab-1, Ab-2, Ab-4, Ab-5, Ab-6, Ab-7, C-1, C-2, AR-1, AR-2	L. Yashchenko, K. Isaeva, O. Rachkevych, L. Sehediy
SRW-12	Operative obstetrics. Labor trauma. Childbirth in women with a scar on the uterus.	List of questions to the topic processing. Preparation of answers to self-control questions. Preparation of creative tasks to the topic.	Kn-1, Ab-1, Ab-2, Ab-4, Ab-5, Ab-6, Ab-7, C-1, C-2, AR-1, AR-2	L. Yashchenko, K. Isaeva, O. Rachkevych, L. Sehediy
SRW-13	Postpartum septic diseases. Curation of pregnant women and parturients, preparation of the patient's card. Defence of the patient's card.	List of questions to the topic processing. Preparation of answers to self-control questions. Preparation of creative tasks to the topic.	Kn-1, Ab-1, Ab-2, Ab-4, Ab-5, Ab-6, Ab-7, C-1, C-2, AR-1, AR-2	L. Yashchenko, K. Isaeva, O. Rachkevych, L. Sehediy

It is necessary to present the system of organization of classes, the use of interactive methods, educational technologies used for the transfer and acquisition of knowledge, skills and abilities.

8. Results of study verification

Current control

is carried out during the training sessions and aims to check the assimilation of educational material by students (it is necessary to describe the forms of current control during the training sessions). Forms

of assessment of current educational activities should be standardized and include control of theoretical and practical training. The final grade for the current educational activity is set on a 4-point (national) scale.

Result of study code	Code of the class	Result of study verification method	Enrollment criteria
Ab-1	L-1, L-2, L-3, L-4, L-5, P-1, P-2, P-3, P-4, P-5, P-6, P-7, P-8, P-9, P-10, P-11, P-12, P-13, SRW-1, SRW-2, SRW-3, SRW-4, SRW-5, SRW-6, SRW-7, SRW-8, SRW-9, SRW-10, SRW-11, SRW-12, SRW-13	Attending lectures and practical classes. Execution of written tasks on the topic (questions for self-control and creative tasks). Participation in discussions, discussion of issues submitted for independent study.	To enroll in the study of the discipline it is necessary: <ul style="list-style-type: none"> • to comply with the requirements of the curriculum; • to solve tasks both in class and those offered for independent study correctly.
Ab-2	L-1, L-2, L-3, L-4, L-5, P-1, P-2, P-3, P-5, P-11, P-12, SRW-1, SRW-2, SRW-3, SRW-4, SRW-5, SRW-6, SRW-7, SRW-8, SRW-9, SRW-10, SRW-11, SRW-12, SRW-13		
Ab-3	L-1, L-2, L-3, L-4, L-5, P-2, P-3, P-4, P-5, P-11, P-12, SRW-1, SRW-2, SRW-3, SRW-4, SRW-5, SRW-6, SRW-7, SRW-8, SRW-9, SRW-10, SRW-11, SRW-12, SRW-13		
Ab-4	L-2, L-3, L-4, L-5, P-1, P-2, P-3, P-4, P-5, P-6, P-7, P-8, P-9, P-10, P-11, P-12, P-13, SRW-1, SRW-2, SRW-3, SRW-4, SRW-5, SRW-6, SRW-7, SRW-8, SRW-9		
Ab-5	L-1, L-2, L-3, L-4, L-5, P-2, P-3, P-4, P-5, P-6, P-7, P-8, P-9, P-10, P-11, P-12, P-13, SRW-1, SRW-2, SRW-3, SRW-4, SRW-5, SRW-6, SRW-7, SRW-8, SRW-9, SRW-10, SRW-11, SRW-12, SRW-13		
Ab-6	L-1, L-2, L-3, L-4, P-1, P-2, P-3, P-4, P-5, P-6, P-7, P-8, P-9, P-10, P-11, SRW-1, SRW-2, SRW-3, SRW-4, SRW-5, SRW-6, SRW-7, SRW-8, SRW-9, SRW-10, SRW-11		
Ab-7	L-1, L-2, L-3, L-4, L-5, P-4, P-5, P-6, P-7, P-8, P-9, P-10, P-11, P-12, P-13, SRW-4, SRW-5, SRW-6, SRW-7, SRW-8, SRW-9, SRW-10, SRW-11, SRW-12, SRW-13		
Ab-8	P-1, P-2, P-3		
AR-1	P-1, P-2, P-3, P-4, P-5, P-6, P-7, P-8, P-9, P-10, P-11, P-12, P-13, SRW-1, SRW-2, SRW-3, SRW-4, SRW-5, SRW-6, SRW-7, SRW-8, SRW-9, SRW-10, SRW-11, SRW-12, SRW-13		
AR-2	L-1, L-2, L-3, L-4, L-5, P-1, P-2, P-3, P-4, P-5, P-6, P-7, P-8, P-9, P-10, P-11, P-12, P-13, SRW-1, SRW-2, SRW-3, SRW-4, SRW-5, SRW-6, SRW-7, SRW-8, SRW-9, SRW-10, SRW-11, SRW-12, SRW-13		
C-1	L-1, L-2, L-3, L-4, L-5, P-1, P-2, P-3, P-4, P-5, P-6, P-7, P-8, P-9, P-10, P-11, P-12, P-13, SRW-1, SRW-2, SRW-3, SRW-4, SRW-5, SRW-6, SRW-7, SRW-8, SRW-9,		

	SRW-10, SRW-11, SRW-12, SRW-13		
C-2	P-2, P-3, P-4, P-5, P-6, P-7, P-8, P-9, P-10, P-11, P-12, P-13, SRW-1, SRW-2, SRW-3, SRW-4, SRW-5, SRW-6, SRW-7, SRW-8, SRW-9, SRW-10, SRW-11, SRW-12, SRW-13		
Kn-1	P-1, SRW-1.		
Final control			
General evaluation system	Participation to the classes during the semester – 60%/40% on a 200-point scale.		
Evaluation scales	Traditional 4-point scale, multi-point (200-point) scale, ECTS rating scale.		
Conditions of admission to the final control	The student attended all practical (laboratory, seminar) classes and received at least 120 points for current performance.		
Type of final control	Methods of final control	Enrollment criteria	
Credit	It is necessary to enroll all topics submitted for current control. Grades from the 4-point scale are converted into points on a multi-point (200-point) scale in accordance with the Regulation “Criteria, rules and procedures for evaluating the results of students’ learning activities”.	<i>The maximum number of points is 200.</i> <i>The minimum number of points is 120</i>	
Criteria for assessing the exam / differentiated test			
Exam			
<p><i>The maximum number of points</i> that a student can score for the current academic activity for admission to the exam / differentiated test is 120 points.</p> <p><i>The minimum number of points</i> that a student must score for the current academic activity for admission to the exam / differentiated test is 72 points.</p> <p><i>The calculation of the number of points</i> is based on the grades obtained by the student on a 4-point (national) scale during the study of the discipline, by calculating the arithmetic mean (CA), rounded to two decimal places. The resulting value is converted into points on a multi-point scale as follows:</p>			
Criteria for assessing an objective structured practical exam / Complex of practice-oriented exam			
9. Policy of the discipline			
<p>Academic Integrity: Students’ work is expected to be their original research or reasoning. Lack of references to sources used, fabrication of sources, copying, interference in the work of other students, etc. are examples of possible academic dishonesty. Identification of signs of academic dishonesty in the student’s work is the basis for non-enrollment by the teacher, regardless of the extent of plagiarism or deception. Sources of training: the source base can be provided by the teacher exclusively for educational purposes without the right to transfer it to third parties. Students are encouraged to use other literature that is not listed in available thematic plans.</p>			
10. Literature			
Basic			
<ol style="list-style-type: none"> 1. Акушерство і гінекологія (у 2-х книгах): підручник (за ред. Грищенко В.І., Щербини М.О., Венцківський Б.М.) // Книга І Акушерство. – К.: Медицина, 2020. – 424 с.; Книга ІІ Гінекологія. – К. Медицина, 2020. – 376 с. 2. Акушерство: підручник (за ред. Б.М. Венцківського, Г.К. Степанківської, В.П. Лакатоша). – К.: ВСВ Медицина, 2012. – 648 с. 3. Гінекологія: підручник (за ред. Б.М. Венцківського, Г.К. Степанківської, М.Є. Яроцького). – К.: ВСВ Медицина, 2012. – 352 с. 4. Запорожан В.М., Чайка В.К., Маркін Л.Б. Акушерство і гінекологія (у 4-х томах): національний підручник: 2013. 5. Мала студентська енциклопедія з акушерства та гінекології / Маркін Л.Б., Шахова О.В., Жемела О.М. та співавт. – Посвіт: 2014. – 203 с. 6. Obstetrics: підручник англійською мовою (edit by I.B. Ventskivska). – К.: Medicine, 2008. –334 p. 7. Gynecology: підручник англійською мовою (edit by I.B. Ventskivska). – К.: Medicine, 2010. – 160 p. 			

8. Pragmatic obstetrics and gynecology.-LNMU named after Danylo Halytsky.:2021.-236p.

Additional literature

1. Berek and Novak's Gynecology 15th Edition. Lippincott Williams and Wilkins, 2012, 1560 pp 2.
2. DC Dutta's Textbook of Obstetrics. Hiralal Konar 708 pp 2017 3 2014, 686 pp 4.
3. DC Dutta's Textbook of Gynecology: Including Contraception Hiralal Konar
4. F. Gary Cunningham, Kenneth J. Leveno, Steven L. Bloom, Catherine Y. Spong, Jodi S. Dashe, Barbara L. Hoffman, Brian M. Casey. Williams Obstetrics, 25th Edition. 2017.
5. Essential Antenatal, Perinatal and Postpartum Care. WHO EURO, Copenhagen, 2003.
6. Pregnancy, Childbirth, Postpartum and Newborn Care: A guide for essential practice. WHO, Geneva, 2006.
7. Бохман Я.В. Руководство по онкогинекологии. СПб.: Фолиант, 2002. – 542 с.
8. Гуркин Ю.А., Маркин Л.Б., Яковлева Э.Б. Детская гинекология – справочник, 2004. – 480 с.
9. Діючі «Клінічні протоколи» затверджені наказом МОЗ України з акушерства і гінекології
10. Дубоссарская З.М., Дубоссарская Ю.А. Репродуктивная эндокринология: учебно-методическое пособие.– Д.:Лири ЛТД,2008.- 416

11. Equipment and software of the discipline / course

Gynecological phantoms, obstetric phantoms, NOELLY mannequin, pelvis – to demonstrate the birth process, obstetric simulator with a doll, infant simulator for professional support of cardiac activity, model for infant intubation, first aid simulator, multimedia projector, slidescope, tables.

12. Additional information

There is a student's research group at the Department of Obstetrics and Gynecology. The head of the circle is O. Besedin, MD, PhD, associate professor. obesedyn,Besedin,Oleksandr,besedyn@gmail.com.

Syllabus compiler

L.Yashchenko, MD, PhD, associate professor

Head of Department

L. Markin, MD, Professor,

Corresponding Member of NAMS of Ukraine.
