



Syllabus on the discipline «Obstetrics and Gynecology»

<u>1. General information</u>	
<u>Faculty</u>	Medical faculty
<u>Educational program (field, specialty, level of higher education, form of education)</u>	<u>22 Healthcare, 222 Medicine, second (Master's) level of higher education, full-time</u>
<u>Academic year</u>	<u>2021-2022</u>
<u>Discipline name, code (electronic identification at the Danylo Halytskyi Lviv National Medical University website)</u>	Practical training of the subject: Obstetrics and Gynecology, OK-45 new.meduniv.lviv.ua/kafedry/kafedra-akusherstva-i-ginekologiyi/
<u>Department (name, address, phone, e-mail)</u>	Department of Obstetrics and Gynecology 79008, Lviv, 8 Rapoport street e-mail: Kaf_obstetrics@meduniv.lviv.ua
<u>Chair of the Department (e-mail)</u>	MD, Professor, Corresponding Member of NAMS of Ukraine Markin L.B. Kaf_obstetrics@meduniv.lviv.ua
<u>Educational year (year of the discipline study)</u>	4
<u>Semester (semester of the discipline study)</u>	8
<u>Type of the discipline/module (mandatory / optional)</u>	<u>Mandatory</u>
<u>Teaching staff (names, surnames, scientific degrees and titles, of the teaching staff, e-mails)</u>	lmarkin, Markin, Leonid, shatik2@ukr.net, kshatylovych, Shatylovych, 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, kafakush@gmail.com orachkevych, Rachkevych, Olena, olena777ra@gmail.com ielyashevskaya, Elyashevskaya, Iryna, irynaelyashevskaya@gmail.com ipylypchuk, Pylypchuk, Iryna, iryna.pylypchuk@gmail.com zpetryshyn, Petryshyn, Zoryana, kafakush@gmail.com lsehedii, Sehediy, Lidiya, segediyliidiya@gmail.com

	sslavitych,Slavitych,Svitlana,svitlankaslavitych@gmail.com astarykovych,Starykovych,Anna,annastarykovych@gmail.com tfartushok,Fartushok,Tetyana,fartushok1@ukr.net vflud,Flud,Vadym,nic2016@ukr.net mdoroshenkokravtchyk,Doroshenko- Kravchyk,doroshenko.marta@gmail.com
<u>Erasmus yes/no (availability of discipline for students within the program Erasmus+)</u>	-
<u>Person, responsible for syllabus (the person to whom comments on the syllabus should be given, e-mail)</u>	Olena Svyatocka, head teacher svelena@meta.ua
<u>Number of ECTS credits</u>	6
<u>Number of hours (lectures / practical classes / self-reliance work)</u>	180 hours (lectures – 0, practical classes – 0, individual work – 180)
<u>Language</u>	Ukrainian, English
<u>Information on the consultations</u>	<u>Consultations are held in accordance with the schedule from 16.00 pm till 18.00 pm</u>
<u>Address, telephone and rules of operation of the clinical base, office... (if necessary)</u>	Lviv clinic hospital №3 79008, Lviv, 8 Rapoport street, tel.+380(32)33-14-72 Maternity Hospital №1 79017, Lviv, 8 Mechnikova street, tel.+380(32)75-93-13
2. Short resume of the discipline	
<p>The subject of the discipline is «Obstetrics and Gynecology Obstetrics» (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 and gynecology are the only clinical disciplines that provide medical students in the 4th 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.</p>	
3. Objective and tasks of the discipline	
<ul style="list-style-type: none"> The purpose of teaching the discipline "Obstetrics and Gynecology" is: acquiring knowledge of physiological and pathological obstetrics, conservative and operative gynecology, 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. Make a preliminary diagnosis of major gynecological diseases, plan examinations and management of the patient. To determine the etiological and pathogenetic factors of the main diseases of the female reproductive system. Identify the factors that influence family planning and develop measures aimed at rational family planning.

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 and gynecology. 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 and gynecology. The current state of the demographic situation in Ukraine requires a general practitioner to study in depth the issues of women's reproductive health and family planning.

- Competences:

- **integral:** the ability to solve complex problems and practical problems in the field of professional activity 22 “Health, which involves the application of certain theoretical knowledge, skills, practical skills and methods of the relevant professional direction;

- **general:**

1. Ability to abstract thinking, analysis and synthesis.
2. The 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. Interpersonal skills.

9. Ability to communicate in the state language both orally and in writing;

10. Ability to communicate in a foreign language.

11. Skills in the use of information and communication technologies.

12. Definiteness and perseverance in terms of tasks and responsibilities.

13. The ability to act socially responsibly and consciously.

14. The desire to preserve the environment

15. Ability to act on the basis of ethical considerations (motives).

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

1. Skills of interviewing and clinical examination of the patient.

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. Definition

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

5. Ability to determine the principles and nature of treatment of diseases.

6. Ability to diagnose emergencies.

7. Ability to determine the tactics of emergency medical care.

8. Emergency care skills

9. Skills to perform medical manipulations.

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

11. Ability to keep medical records.

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. Be able to collect data on patient complaints, medical history, life history, conduct and evaluate the results of physical examination.
2. Evaluate information about the diagnosis, using a standard procedure based on the results of laboratory and instrumental studies.
3. Highlight the leading clinical symptom or syndrome. Establish the most probable or syndromic diagnosis of the disease. Assign laboratory and / or instrumental examination of the patient. Carry out differential diagnosis of diseases and establish preliminary and clinical diagnosis.
4. Determine the necessary mode of work and rest in the treatment of the disease
5. Determine the principles and nature of treatment (conservative, operative) disease.
6. Determine the tactics of providing emergency medical care on the basis of a diagnosis of emergency.
7. Provide emergency medical care on the basis of an emergency diagnosis.
8. Determine the tactics of physiological pregnancy, physiological childbirth and the postpartum period. Advise on family planning and contraceptive selection.
9. Perform medical manipulations.
10. To be aware of and guided in their activities by civil rights, freedoms and responsibilities, to raise the general educational and cultural level.
11. Adhere to the requirements of ethics, bioethics and deontology in their professional activities.
12. To organize the necessary level of individual safety (own and persons cared for) in case of typical dangerous situations in the individual field of activity.

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
<u>Code is created while filling out the syllabus (categories: Kn – knowledge, Ab – ability, C – competence, AR – autonomy and responsibility)</u>	<u>Results of study determine that the student must know, 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.</u>	<u>Symbol of the Program Result of study Code in the Higher Education Standard</u>
Ab-1	Be able to conduct and evaluate the results of examination of obstetric patients .	<i>PRN-2,3</i>
Ab-1	Be able to conduct obstetrical examination. Know modern standards of care for emergency obstetric and gynecological pathology; Know modern standards of care for emergency obstetric and gynecological pathology. Know how to plan a family.	<i>PRN-2,4,5,6,7,8,9</i>
Ab-2	Be able to take material for cytological, histological and bacteriological examination and be able to interpret them.	<i>PRN-2</i>
Ab-3	Be able to diagnose the disease, to conduct differential diagnosis, therapy, prevention and rehabilitation of obstetric patients.	<i>PRN-3</i>
Ab-4	Be able to collect and evaluate obstetric	<i>PRN-1</i>

	history.	
Ab-5	Be able to conduct external and internal obstetric examination, assess the condition of the fetus and newborn.	PRN-3
Ab-6	Be able to provide emergency care in obstetric and pathology.	PRN-6,7,9
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	PRN-2
C-1	Ability to communicate with the patient during the examination	PRN-2,10,11,12
C-2	Effectively form a communication strategy when communicating with the patient. Enter information about the health of the patient or pregnant woman.	PR-3,11
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	0	
practical classes	0	
seminars		
self-reliance	180	

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- (<i>lecture 1</i>)				
SRW-1 (<i>self-reliant work 1</i>)	The principles of organization of medical care provision to pregnant women, women in labor and after delivery within the territory of Ukraine. Foundations of Ukrainian legislation on maternity and child health care. Clinical anatomy and physiology of the female genital organs. Female pelvis. Fetus as object of labor. Methods of the examination of obstetric patients.	List of questions to the topic processing. Preparation of answers to self-control questions. Preparation of creative tasks to the topic.	AB-1,4,5 AR-1,2 C-1,2 Kn-1	According to the schedule.
SRW-2	Diagnosis of early and late terms of pregnancy. Management of physiological labor and postpartum period. Clinical, laboratory and instrumental	List of questions to the topic processing. Preparation of answers to self-control questions. Preparation of creative tasks to the	AB-1,3,4,5 AR-1,2 C-1,2 Kn-1	According to the schedule.

	methods of diagnosis and treatment strategy in complicated pregnancies and labor in a maternity unit.	topic.		
SRW-3	Emergency care in obstetrics.	List of questions to the topic processing. Preparation of answers to self-control questions. Preparation of creative tasks to the topic.	AB-1,4,5,3,6 AR-1,2 C-1,2 Kn-1	According to the schedule.
SRW-4	Deontological ethics in medical practice of the maternity care unit doctor.Credit.	List of questions to the topic processing. Preparation of answers to self-control questions. Preparation of creative tasks to the topic.	Kn-1 AR-1,2 C-1,2	According to the schedule.

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	<u>Result of study verification method</u>	Enrollment criteria
Ab-1	SRW-1, SRW-2, SRW-3, SRW-4	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: • to comply with the requirements of the curriculum; • to solve tasks those offered for independent study correctly.
Ab-1	SRW-1, SRW-2, SRW-3, SRW-4		
Ab-2	SRW-1, SRW-2, SRW-3, SRW-4		
Ab-3	SRW-1, SRW-2, SRW-3, SRW-4		
Ab-4	SRW-1, SRW-2, SRW-3, SRW-4, SRW-5		
Ab-5	SRW-1, SRW-2, SRW-3, SRW-4		
Ab-6	SRW-1, SRW-2, SRW-3, SRW-4,		
AR-1	Srw-1, SRW-2, SRW-3, SRW-4		
AR-2	SRW-1, SRW-2, SRW-3, SRW-4		
C-1	SRW-1, SRW-2, SRW-3, SRW-4		

C-2	SRW-1, SRW-2 SRW-3, SRW-4		
Kn-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 the exam / differentiated test			
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.)// 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. Gynecology: підручник англійською мовою (edited by Academician of NAS of Ukraine prof. V.I. Gryschenko). Volume 2; -AUS ;Medicine Publishing, 2014.-352p. 			

7. Pragmatic obstetrics and gynecology: підручник англійською мовою (edited by Маркін Л.Б., Зіменковський А.Б., Шатілович К.Л. та ін; LNMU, 2021.-235p.

8. Obstetrics: підручник англійською мовою (edit by I.B. Ventskivska).- К.: Medicine, 2008.- 334 p.

9. Gynecology: підручник англійською мовою (edit by I.B. Ventskivska).- К.: Medicine, 2010.-160 p.

Additional literature

1. Berek and Novak's Gynecology 15th Edition. Lippincott Williams and Wilkins, 2012, 1560 pp 2

2. 2DC Dutta's Textbook of Obstetrics. Hiralal Konar 708pp 2017 3 2014, 686 pp 4

3. 3DC 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., Л. Б. Маркин, Э. Б. Яковлева. 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.: Лира ЛТД, 2008.- 416

11. Equipment and software of the discipline / course

12. Additional information

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

Укладач силабуса

(Прізвище, ініціали, вчений ступінь, звання)

Завідувач кафедри

(Прізвище, ініціали, вчений ступінь, звання)

(Підпис)