



To the Development and Periodic Review Procedure
educational programs

1. General information	
Name of the faculty	Medical Faculty №1
Educational program (industry, specialty, level of higher education, form teaching)	22 Healthcare, 221 Medicine, second (master's) level of higher education, full-time
Academic year	2021-2022
Name of discipline , code (e - mail address on the site of Danylo Galytsky Lviv National Medical University)	Industrial medical practice in the conditions of outpatient care of obstetric and gynecological service
Department (name, address, telephone, e-mail)	Department of Family Medicine 79013, Lviv, 4 Symonenko Street, 38 (032) 2632384, Kaf_familymedicine@meduniv.lviv.ua
Head of the department (contact e-mail)	MD, Prof. Nadashkevich Oleg Nikonovich, Kaf_familymedicine@meduniv.lviv.ua
Year of study (the year in which the study is implemented disciplines)	5
Semester (semester in which the study of the discipline is realized)	10
Type of discipline / module (required / optional)	Required
Teachers (names, surnames, degrees and titles of teachers who teach discipline, contact e-mail)	DM, Assoc. Prof. Sklyarova VO valisklyarova@hotmail.com
Erasmus yes / no (availability of discipline for students in within the program <i>Erasmus+</i>)	-
The person responsible for the syllabus (the person to whom comments should be provided regarding syllabus, contact e-mail)	DPh, Assoc. Prof. Paraschuk BM pb02@ukr.net ,
Number of ECTS credits	1,5

Number of hours (lectures / practical classes / independent work students)	45 (practical classes - 30, independent work of students - 15)
Language of instruction	Ukrainian, English
Information about consultations	Consultations are held in accordance with the schedule of consultations approved by the head of the department
Address, telephone and regulations of the clinical base, office...(if necessary)	

2. Short annotation to the course

Industrial medical practice in the conditions of women's consultation and outpatient service in the scope of professional duties of obstetrician-gynecologist of 5th year students is carried out during the 1st week. The main task of industrial practice is to consolidate the knowledge and skills in the future professional activity of a gynecologist, which are obtained in the process of studying the main theoretical and clinical disciplines.

During the internship in a women's clinic or outpatient clinic, students must learn the methods of work and gain practical experience in the following areas of future professional activity: outpatient reception of sick and healthy women, pregnant women, women in labor; treatment of patients at home and in the day hospital of outpatient service, providing them with emergency care; early diagnosis of various gynecological diseases using all available in the clinic methods of examination; dynamic monitoring to identify risk factors for various diseases and their prevention; rehabilitation of patients with extensive use of all rehabilitation measures; selection of patients for sanatorium treatment; resolving issues of examination of temporary incapacity for work; keeping medical records by a doctor of the relevant specialty; work planning, accounting and analysis of morbidity and efficiency of the doctor; promotion of sanitary and hygienic knowledge and principles of a healthy lifestyle among the female population, conducting an information program on social networks,

ONLINE, Telegram channels. Each student during the internship is assigned to an obstetrician-gynecologist, conducts with him an outpatient reception of sick and healthy women, pregnant women, women in labor. During the outpatient reception, women are interviewed, treated, medical documentation is prescribed and medical documentation is drawn up: the information electronic system "HELSP" is filled in, electronic referrals for various laboratory and instrumental tests, referrals to specialist consultations, electronic prescriptions are issued, and issues of incapacity examination are resolved with the issuance of incapacity certificates. If necessary, additional examinations of the patient in the laboratory, offices of functional diagnostics or X-ray examination, consultations of related specialists, the student accompanies the patient and takes an active part in conducting a particular study. After the outpatient admission of patients, each student together with the doctor visits the calls home, participates in ONLINE consultations. Visits are held on the day of receipt of the call.

The outpatient card records the patient's condition and prescribes treatment with a mark of home visits, and fills in the Helsi program. While working in a women's clinic and outpatient clinic, the student must master the principles of dynamic monitoring of healthy and sick women who are registered; prescribe the necessary treatment, prevention and rehabilitation measures. Together with the obstetrician-gynecologist on duty at the outpatient clinic, students provide emergency care to women with gynecological pathology.

3. The purpose and objectives of the course

1. The purpose of the study "Medical practice in the women's clinic and outpatient women's clinic service":

professional training of students majoring in "Medicine", the formation and development of their competence in the field of medical care in the family medicine clinic and family clinic, which is aimed at obtaining the necessary amount of theoretical knowledge and acquiring practical skills in the field of health care.

HELSP systems Industrial medical practice provides: students study the organizational structure of the clinic and its individual units, guidelines of the Ministry of Health of Ukraine, regulating their work; participation in outpatient reception of gynecologist of sick and healthy women, pregnant women.

Students are working with parturients, mastering the skills of maintaining the necessary medical documentation, studying electronic medical information, registration of electronic medical referrals and prescriptions, mastering the rules of dynamic monitoring of sick and healthy women of certain groups, the possibility of providing medical care in a day and home hospital;

participation in the formation of the basic principles of a healthy lifestyle, knowledge of risk factors, manifestations and principles of treatment of the most common obstetric and gynecological diseases in order to prevent them, early detection and timely provision of

necessary care.

Objectives of training: determination of the basic principles of medical care on the basis of obstetric and gynecological service of outpatient clinics. Study of the basic forms, responsibilities of women's clinics and obstetricians and gynecologists of outpatient services. Study of epidemiology, risk factors, prevention options and early diagnosis of the main most common diseases of the female genital tract and mammary glands. Acquaintance with the relevant medical documentation and information electronic medical system HELSI.

1. Competences and learning outcomes, the formation of which provides the study of the discipline (general and special competencies).

General:

1. Ability to abstract thinking, analysis and synthesis.
2. Ability to apply knowledge in practical situations.
3. Knowledge and understanding of the subject area and understanding of professional activity.
4. Ability to conduct research at the appropriate level.
5. The ability to learn and master modern knowledge.
6. Ability to identify, pose and solve problems.

Special (professional, subject):

Know:

1. The organizational structure of the women's clinic and outpatient service, its individual units, as well as the documentation of the Ministry of Health of Ukraine, which regulates its work
2. Principles of outpatient reception of sick and healthy women, skills of keeping the necessary medical documentation by doctors of outpatient clinics, study of information electronic medical system HELSI.
3. Rules for conducting dynamic monitoring of pregnant women, women in labor, the possibility of providing medical care in a day and home hospital.

The basic principle of a healthy lifestyle for the prevention of the most common diseases among the population.

4. Risk factors, manifestations of the main most common obstetric and gynecological diseases in order to prevent them, early detection and timely provision of necessary care.
5. Psychological, deontological aspects of the obstetrician-gynecologist in the outpatient service and features of communication with the patient and her family.

Be able:

1. Solve medical and social problems of the family.
2. Conduct dynamic monitoring of healthy and sick women.
3. To determine the criteria for assessing the viability, effectiveness, relevance of screening programs.
4. To make programs of the plan of carrying out of step-by-step preventive actions for improvement of a state of health of a family.
5. Assign and interpret methods of laboratory, instrumental and functional diagnosis of diseases used by obstetricians and gynecologists in the outpatient service.
6. Identify methods of primary, secondary and tertiary prevention.
7. Assess the prevalence of risk factors as a first step in the development of preventive measures.
8. Carry out prevention of chronic non-communicable diseases, sexually transmitted infections and promotion of a healthy lifestyle.
9. Carry out examination of temporary incapacity for work.
10. Use methods to detect disorders in diseases of the female reproductive system and mammary glands.
11. Analyze the data of clinical and biochemical parameters of blood and urine, cytological, histological, ultrasound, X-ray, MRI, tumor markers, prenatal screening during pregnancy, fetal CTG.
12. Prescribe protocol treatment of the most common obstetric and gynecological diseases among the female population in outpatient settings.

Autonomy and responsibility:

Conducting outpatient reception of sick and healthy women, pregnant women, women in labor, filling out medical records and information electronic system HELSI.

2. Treatment in a day hospital and monitoring of patients at home, communication via Viber, Facebook Messenger, ONLINE consultations, providing them with emergency care and determining indications for referral to the hospital.

3. Early diagnosis of various obstetric and gynecological diseases using all available in the outpatient clinic methods of examination.

4. Dynamic monitoring of healthy and sick patients, pregnant women, parturients in order to identify risk factors for various diseases and their prevention.

5. Rehabilitation of gynecological patients with extensive use of all available rehabilitation measures.

6. Selection of gynecological patients for sanatorium treatment.

7. Maintaining medical documentation, filling in the electronic medical information system HELSI.

8. Work planning, accounting and analysis of the incidence and effectiveness of the obstetrician-gynecologist.

9. Promotion of sanitary and hygienic knowledge and principles of a healthy lifestyle among the female population at the reception, in information programs on social networks, YouTube, video blogs, on television.

Course details

It is expedient for successful training and mastering of competencies in this discipline gaining knowledge in such disciplines as: "Obstetrics and Gynecology", "Deontology in Medicine", "Social Medicine", Public Health. "

5. Program learning outcomes

List of learning outcomes

Learning outcome code	The content of the learning outcome	Link to the matrix code competencies
The code is created when filling in the syllabus (category: Kn-knowledge, S-skill, C-competence, AR - autonomy and responsibility)	Learning outcomes determine that the student must know, understand and be able to perform after completing the discipline. Learning outcomes follow from the set learning goals. It is necessary to enroll in the discipline confirm the achievement of each learning outcome	Symbol of the Program Learning Outcome Code in the Higher Education Standard
<i>C-1</i>	Know the organizational structure of the women's clinic and outpatient service, its individual units, as well as the documentation of the Ministry of Health of Ukraine, which regulates its work	<i>P - 23</i>
<i>C-2</i>	Know the principles of outpatient reception of sick and healthy women, the skills of maintaining the necessary documentation by an obstetrician-gynecologist	<i>P - 2, 3, 23</i>
<i>C-3</i>	Know the rules of dynamic monitoring of pregnant women, parturients, the possibility of providing medical care in a day and home hospital	<i>P - 2, 3, 23</i>
<i>C-4</i>	Know the basic principles of a healthy lifestyle for the prevention of the most common diseases of the female genital area and pathologies of reproductive health	<i>P- 7, 23</i>
<i>C-5</i>	Know the manifestations, risk factors, principles of	<i>P - 7, 23</i>

	treatment of the most common women's health diseases in order to prevent them, early detection and timely provision of necessary care	
<i>C-6</i>	To know psychological, deontological aspects of activity in outpatient service of obstetrician-gynecologist and features of communication with the patient and her family	<i>P - 2, 3, 7, 23</i>
<i>AR-1</i>	Ability to abstract thinking, analysis, and synthesis	<i>PR-23</i>
<i>AR -2</i>	Ability to apply knowledge in practice situations	<i>IIP-23</i>
<i>AR -3</i>	Ability to conduct research at the appropriate level	<i>PR-23</i>
<i>AR -4</i>	Ability to learn and master modern knowledge	<i>PR-23</i>
<i>AR -5</i>	Ability to identify, pose and solve problems	<i>PR-23</i>
<i>AR -6</i>	Ability to solve medical and social problems of the family	<i>PR-2, 3, 7, 23</i>
<i>AR -7</i>	Ability to conduct dynamic monitoring of healthy and sick women	<i>PR-2, 3, 7, 23</i>
<i>AR -8</i>	Ability to determine criteria for evaluating the effectiveness and appropriateness of screening programs	<i>PR-2, 3, 7, 23</i>
<i>AR -9</i>	Ability to draw up programs of a plan of step-by-step preventive measures to improve the health of the family	<i>PR-2, 3, 7, 23</i>
<i>AR -10</i>	Ability to prescribe and interpret methods of laboratory, instrumental, functional diagnosis of diseases used in outpatient services by an obstetrician-gynecologist	<i>PR-2, 3, 7, 23</i>
<i>C-1</i>	Ability to maintain regulatory medical records	<i>PR-23</i>
<i>C-2</i>	Processing of state, social and medical information	<i>PR-23</i>
<i>AR-1</i>	The ability to act socially responsibly and consciously	<i>PR-23</i>
<i>AB-2</i>	Ability to exercise one's rights and perform one's duties	<i>PR-23</i>
<i>AR-3</i>	Ability to protect their rights and legitimate interests	<i>PR-23</i>
6. Format and scope of the course		

Course format (specify full-time or part-time)	Eye			
Kind of occupations	Number of hours			Number of groups
practical	30			52
independent	15			52
7.Topics and content of the course				
Code type to borrow	Topic	Learning content	Result code teaching	Teacher
P-1 (practical lesson 1)	Principles of organization of medical care for women in outpatient settings	Structure and organization of women's counseling	C-1, C-5, C -6, AR-1, AR-2, AR -3, AR -4, AR -5, AR -8, AR-9, AR -10, AR -11, AR-1, AR-3	DM, Assoc Prof. Sklyarova VO
P-2 (practical lesson 2)	Clinical, laboratory - instrumental diagnostics and tactics of treatment of gynecological diseases in the conditions of women's consultation; patronage of pregnant women and women in labor; oncoprophylaxis and oncodiagnostics ka	Collection of anamnesis and examination of the patient. Analysis of clinical anatomy of female genitals, physiology of the reproductive system. Determination of etiological and pathogenetic factors of major diseases of the female reproductive system. Drawing up a survey plan and analysis of laboratory and instrumental survey data.	C-1, C-2, C -3, C-4, AR -1, AR-3, AR -4, AR -5, AR -6, AR -12	DM, Assoc. Prof. Sklyarova VO
P-3 (practical lesson 3)	Dispensary observation of pregnant and gynecological patients; diagnosis and provision of emergency medical care at the pre-hospital stage	Participation in dispensary observation of pregnant women, including those with a complicated pregnancy. Determination of preliminary clinical diagnosis and tactics of	C-1, C-5, AR-1, AR -2, AR 3, AR 4, AR -5, 8 AR, AR 9, 10 AR, AR- 11, AR-1, AR-3	DM, Assoc. Prof. Sklyarova VO

		<p>gynecological patient management.</p> <p>Differentiated diagnosis of the most common gynecological diseases.</p> <p>Participation in oncodiagnostics and oncoprophylaxis in gynecology.</p> <p>Participation in the provision of emergency medical care at the pre-hospital stage.</p> <p>Sanitary and educational work in women's counseling, involvement of social networks, YouTube, ONLINE, Telegram channels, Viber and Facebook Messenger</p>		
P-4 (practical lesson 4)	Psychological and verbal contact with gynecological patients and pregnant women in a women's clinic and outpatient clinic	Emergencies during pregnancy, gynecological diseases, reproductive pathology	Kn-1, Kn-5, AR -1, AR-2, Kn-3, AR-4, AR-5, AR-8, AR-9, AR-10, AR-11, AR-1, AR-3	DM, Assoc. Prof. Sklyarova VO
P-5 (practical lesson 5)	Credit lesson, differentiated credit	<p>Check mastering the list of questions.</p> <p>Discussion of issues for self-control.</p> <p>Solving test problems. Solving situational problems</p> <p>Clarification of problems by summarizing the lesson.</p>	C-1-5 , AR-1-12, C-1-2, AR-1-3	DM, Assoc. Prof. Sklyarova VO

CPC-1 (independent work 1)	Determination of performance indicators of obstetrician-gynecologist of outpatient service	Processing list of lesson questions. Preparing responses to questions for self-control. Preparation of creative tasks for the topic	C-1,C-2, C - 3, C-4, C-1, AR-3, AR-4, AR-5, AR-6, AR-12	DM, Assoc. Prof. Sklyarova VO .
CPC 2 (independent work 2)	Development of a model of prevention programs	Processing list of questions for the lesson. Preparing responses to Questions for self-control. Preparation of creative tasks for the topic	C-1,C-2, C - 3, C-4, C-1, AR-3, AR-4, AR-5, AR-6, AR-12	DM, Assoc.Prof. Sklyarova VO
CPC-3 (independent work 3)	Compilation of the route of patients with suspected ectopic pregnancy, preeclampsia of moderate severity, ovarian apoplexy, oncopathology of the female reproductive system.	Processing list of lesson questions. Preparing responses to Questions for self-control. Preparation of creative tasks for the topic	C-1,C-2, C - 3, C-4, Cb-1, AR-3, AR-4, AR-5, AR-6, AR-12	DM, Assoc. Prof. Sklyarova VO

It is necessary to present a system of organization of classes, the use of interactive methods, learning technologies used for skills. transfer and assimilation of knowledge, skills			
8. Verification of learning outcomes			
Current control is carried out during training sessions and aims to check the students of educational material (it is necessary to describe the forms of control during training sessions). Forms of assessment of current learning activities should be standardized and include control of theoretical and legal training. The final grade for the current educational activity is set on a scale (national) scale			
Learning outcome code	Code type to borrow	Method of verifying learning outcomes	Enrollment criteria
		The field defines the methods and technologies of knowledge assessment students, namely - a list of all types of work that the student is required to perform in class and the criteria for their evaluation. For example: test control, report on the performed laboratory work, demonstration of practical skills, etc. Each evaluation method must be described separately.	
<i>C - 1-5, AR - 1-12, C – 1-2, AR – 1-3</i>	<i>P– 1-5, CPC – 1-3</i>	Visiting practical classes. Execution of written tasks on the topic (test tasks, questions for self-control, situational tasks). Writing projects, procedural documents. Participation in discussions, discussion of issues submitted for independent study	For enrollment study of the discipline is necessary: • full compliance with the requirements of the curriculum; • Correct solution of tasks both during classroom work and those that offered for independent study
Final control			
General system evaluation	Participation in the work during the semester / differentiated test - 60% / 40% on a 200-point scale		
Scales evaluation	traditional 4-point scale, multi-point (200-point) scale, ECTS rating scale		
Terms of admission to final control	The student attended all practical classes and received at least 120 points for current performance		

Type of final control	Methods of final control	Criteria enrollment
Test	All topics listed on must be credited current control. Scores from the 4-point scale are converted into points on a multi-point (200-point) scale in accordance with the Regulations "Evaluation criteria, rules and procedures results of students' educational activities	Maximum number of points - 200. Minimal number of points - 120
Examination criteria / differentiated test		
Differentiated test	In this field it is necessary to describe the procedure and methods of final control / all its stages	Criteria must be defined in points evaluation for each specific final stage control
<p>The maximum number of points that a student can score for the current educational activity for admission to the differentiated test is 120 points.</p> <p>The minimum number of points that a student must score for the current academic activity for admission to the differentiated test is 72 points.</p>		

<p>The calculation of the number of points is based on the student's grades for 4 score (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> $\frac{CA \times 120}{5}$
<p>Criteria for assessing an objective structured practical (clinical) exam / Complex of practice-oriented exam of Master's work</p>
<p>9. Course policy</p>
<p>Indicates the policies of academic integrity, specific policies of the program that have value for the course</p> <p>Academic Integrity: Students' work is expected to be their original research or reasoning. Lack of references to sources used, fabrication of sources, write-offs, interference in the work of other students are, but are not limited, examples of possible academic dishonesty.</p> <p>Detection of signs of academic dishonesty in the student's work is the basis for its disregard 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 on the recommended list.</p>
<p>10. Literature</p>
<p>Required</p> <ol style="list-style-type: none"> 1. Bratton`s Family Medicine. Board rewier. 5-th Edition / R.A. Baldor. – LWW, 2017. – 376 p. 2. Case Files of Family Medicine. 3-d Edition / E. Toy, D. Briscoe, B.Britton, J.J. Heidelbauch. – Mc GrawHill Professional. – 2016. – 691 p. 3. Pocket Primary Care. 1-st Edition / M.M.Kiefer, C.R. Chong. – LWW, 2014. – 374 p. 4. Primary Care Medicine. 6-th Edition / A.H. Coroll, A.G. Mulley. – LWW, 2013. – 1613. 5. Textbook of Family Medicine. 9-th Edition / R.E. Rakel, D.P. Rakel. – Saunders, 2015. – 1215 p. <p>Optional</p>
<p>11. Equipment, logistics and software of the discipline / course</p>
<p>12. Additional information</p>
<p>All other information important to the student, which is not included in the standard description, for example, contact details of the person responsible for the educational process at the department, information about scientific circle of the department, information about the routes of study, information about the need to equip themselves with their own labor protection; information about the venue to occupy; links to website / department pages, etc.</p>

Syllable stacker

DPh, Assoc. Prof. Paraschuk BM

(Signature)

Head of Department

DM, Prof. Nadashkevich ON

(Signature)

