

**MINISTRY OF HEALTH PROTECTION OF UKRAINE
ODESSA NATIONAL MEDICAL UNIVERSITY**

Faculty international

Department of Obstetrics and Gynecology

Syllabus of the work program

PRODUCTION POLYCLINICAL MEDICAL PRACTICE

" OBSTETRICS AND GYNECOLOGY"

(The main duties and professional actions of a doctor of women's consultation)

Scope of practice	Total hours per discipline: 30 hours, 1.0 credits. IX - X semesters, 5th year of study
Days, time, place of practice	According to the schedule of classes. Department of Obstetrics and Gynecology. Odesa, st. Pastera, 9
Teacher(s)	Gladchuk I.Z., doctor of medicine, professor, head of the department. Teachers of the Department of Obstetrics and Gynecology
Contact Information	Help by phone: Natalia Bykova, headteacher of the department 097-643-1180 Christina Litvin, laboratory technician (048) 723-29-01 E-mail natalia.bykova@onmedu.edu.ua Face-to-face consultations: Thursday 14.30-16.00, Saturday 9.00-13.00 Online consultations: Thursday 14.30-16.00, Saturday 9.00-13.00 The link to the online consultation is provided to each group during classes separately.

COMMUNICATION

Communication is possible during face-to-face consultations (offline / Face to face), or remotely (online) using Teams (by prior agreement). Communication can also be carried out using E-mail. At the same time, it is necessary to indicate your last name, first name, course, faculty and name of the course. Solving "work issues" is possible at the specified phone number.

COURSE ABSTRACT

The subject of practice "Obstetrics and Gynecology " is the principles of managing women with the physiological course of pregnancy and acquiring practical skills.

Course prerequisites : human anatomy, physiology, microbiology, virology and immunology, general surgery (with operative surgery and topographic anatomy).

Postrequisites : obstetrics and gynecology, internal medicine, surgery, endocrinology, infectious diseases, oncology, general practice (family medicine).

The purpose of the course: is to consolidate and deepen the theoretical knowledge acquired by the student in the process of practice, to form elements of professional competences , to practice directly in the conditions of women's consultation the skills and abilities of industrial polyclinic medical practice "obstetrics and gynecology" .

Practice tasks:

1. Acquaintance of students with the specifics of the professional activity of a doctor of women's consultation.
2. Formation of elements of professional competences of a doctor of women's consultation.
3. Mastery of medical manipulations in the field of obstetrics and gynecology.

Expected results. In process passing industrial polyclinic medical practice is aimed at forming elements of the following competencies with the need to understand:

Know:

- Basic principles of organizing obstetric and gynecological care for the population of Ukraine.
- Pregnancy complications are possible.
- Tactics of managing patients with various types of obstetric pathology.
- Methods of contraception in the postpartum period; WHO medical acceptance criteria for the use of contraception.

Be able:

- Collect data on the patient's complaints, medical history, life history.
- Evaluate information about the diagnosis using a standard procedure, based on the results of laboratory and instrumental studies.
- Determine from the list the necessary clinical and laboratory and instrumental studies and evaluate their results (list 4).
- Identify the leading clinical symptom or syndrome (list 1).
- Establish a preliminary diagnosis, carry out differential diagnosis and determine the clinical diagnosis of the disease (list 2).
- Determine the principles of treatment of diseases, the necessary regime of work and rest, the nature of nutrition (list 2).
- Diagnose emergency conditions (list 3).
- Determine tactics and provide emergency medical aid in emergency situations (list 3).
- Conduct counseling on family planning issues, determine the tactics of managing a physiological pregnancy and the postpartum period.

- Conduct an assessment of the patient and the necessary examination before using the contraceptive; demonstrate the ability to conduct family planning counseling.
- Reasonably formulate and convey to the woman in labor, relatives and specialists recommendations for the most effective delivery; provide the necessary information about changes in a woman's body in the postpartum period.
- Reasonably formulate and demonstrate to the patient, relatives and specialists recommendations regarding the choice of contraception method; provide the necessary information about changes in a woman's body during the use of a contraceptive.
- Use the skills of communication and clinical examination of the patient.
- Perform medical manipulations (list 5).
- Keep medical records.

DESCRIPTION OF PRACTICE

Forms and methods of education

The course will be taught in the form of practical classes (18 hours), organization of independent work of applicants (12 hours), including preparation for CPE (2 hours).

Teaching methods: conversation, role-playing, solving clinical situational problems, practicing family planning counseling skills.

Content of practice

Topic 1. Medical manipulations in obstetrics. Pelviometry. External (Leopold maneuvers) obstetric examination and vaginal examination during pregnancy. Auscultation of the fetus. Determination of estimated date of delivery and fetal weight.

Topic 2. Counseling on family planning and choosing a method of postpartum contraception. Patient examination plan before choosing a contraceptive method. Evaluation of the patient and the medical criteria for the acceptance of the contraceptive method.

Topic 3. Curation of a pregnant woman. Determination of the necessary list of laboratory and instrumental studies and evaluation of their results. Establishing a preliminary and clinical diagnosis of the disease. Protection of pregnancy history.

Recommended literature

Basic

1. Gladchuk I.Z. Obstetrics: student`s book / Gladchuk I.Z., Ancheva I.A. . – Vinnitsia: Nova Knyha, 2021. – 288 p.
2. Obstetrics and Gynecology: in 2 volumes. Volume 1. Obstetrics: textbook / V.I. Gryshchenko, M.O. Shcherbina, B.M. Ventskivskyi et al. (2nd edition). – «Medicina», 2018. – 392 p.
3. Hiralal Konar DC Dutta's Textbook of Obstetrics (9th Ed.) / Hiralal Konar (Ed.). – Jp Medical Ltd, 2018. – 700 p.

4. F. Gary Cunningham Williams Obstetrics (26th Edition) / F. Gary Cunningham, Kenneth Leveno, Jodi Dashe, Barbara Hoffman, Catherine Spong, Brian Casey. – McGraw Hill / Medical, 2022. – 1328 p.
5. Jeremy Oats, Suzanne Abraham Llewellyn-Jones Fundamentals of Obstetrics and Gynaecology (10th Ed) / Jeremy Oats, Suzanne Abraham. – Elsevier, 2016. – 384 p.

Additional:

1. The PROMPT-CIPP Editorial Team. (2019). PROMPT-CIPP Course Participant's Handbook: Care of the Critically Ill Pregnant or Postpartum Woman (Critical Care Prompt Practical Obstetric Multi-professional Training). – Cambridge University Press; 1st edition, 2019. – 136 p.
2. L. A. Magee The FIGO Textbook of Pregnancy Hypertension. An evidence-based guide to monitoring, prevention and management. / L. A. Magee, P. Dadelszen, W. Stones, M. Mathai (Eds). – The Global Library of Women's Medicine, 2016. – 456 p.
3. Edwin Chandraran Handbook of CTG Interpretation: From Patterns to Physiology / Edwin Chandraran. – Cambridge University Press; 1st edition, 2017. – 256 p.
4. Louise C. Kenny, Jenny E. Myers Obstetrics by Ten Teachers (20th ed) / Louise C. Kenny, Jenny E. Myers. – CRC Press, 2017. – 342 p.
5. J. Studd Current Progress in Obstetrics and Gynaecology. Vol 4. / J. Studd, Seang Lin Tan, F. Chervenak. – TreeLife Media (A Div of Kothari Medical), 2017. – 419 p.
6. J. Studd Current Progress in Obstetrics and Gynaecology. Vol 5. / J. Studd, Seang Lin Tan, F. Chervenak. – TreeLife Media (A Div of Kothari Medical), 2019. – 403 p.
7. J. Studd Current Progress in Obstetrics and Gynaecology. Vol 6. / J. Studd, Seang Lin Tan, F. Chervenak. – TreeLife Media (A Div of Kothari Medical), 2022. – 309 p.
8. Mark Landon Obstetrics: Normal and Problem Pregnancies, 8th Edition / Mark Landon, Henry Galan, Eric Jauniaux, Deborah Driscoll, Vincenzo Berghella, William Grobman, et al. – Elsevier, 2021. – 1280 pp.
9. Mark B. Landon Gabbe's Obstetrics Essentials: Normal & Problem Pregnancies, 1st Edition / Mark B. Landon, Deborah A. Driscoll, Eric R. M. Jauniaux, Henry L. Galan, William A. Grobman, Vincenzo Berghella. – Elsevier, 2019. – 496 pp.
10. Ian M. Symonds, Sabaratnam Arulkumaran Essential Obstetrics and Gynaecology, 6th Edition / Ian M. Symonds, Sabaratnam Arulkumaran. – Elsevier, 2020. – 480 pp.
11. Myra J. Wick Mayo Clinic Guide to a Healthy Pregnancy, 2nd Edition / Myra J. Wick. – Mayo Clinic Press, 2018. – 520 p.

Electronic information resources

1. <https://www.cochrane.org/> - Cochrane / Cochrane Library
2. <https://www.acog.org/> - American Association obstetricians and Gynecologists / The American College of Obstetricians and Gynecologists
3. <https://www.uptodate.com> – UpToDate
4. <https://online.lexi.com/> - Wulters Kluwer Health
5. <https://www.ncbi.nlm.nih.gov/> - National center biotechnological of information / National Center for Biotechnology Information
6. <https://pubmed.ncbi.nlm.nih.gov/> - International medical library / National Library of Medicine
7. <https://www.thelancet.com/> - The Lancet
8. <https://www.rcog.org.uk/> - Korolevska Association obstetricians and gynecologists / Royal College of Obstetricians & Gynaecologists
9. <https://www.npwh.org/> - Practitioners nurses with protection I 'm healthy women / Nurse practitioners in women's health
10. <http://moz.gov.ua> – Ministry of Health of Ukraine
11. www.ama-assn.org - American medical association / [American Medical Association](http://www.ama-assn.org)
12. www.who.int - World Health Organization
13. www.dec.gov.ua/mtd/home/ - State Expert Center of the Ministry of Health of Ukraine
14. <http://bma.org.uk> - British Medical Association
15. www.gmc-uk.org - General Medical Council (GMC)
16. www.bundesaerztekammer.de – German Medical Association
17. www.euro.who.int - European Regional Office of the World Health Organization

FORMS OF CONTROL AND EVALUATION METHODS (INCLUDING CRITERIA FOR EVALUATING PRACTICE RESULTS)

Current control: survey, testing, evaluation of performance of practical skills, evaluation of communication skills during role play, solution of situational clinical tasks, evaluation of activity in class.

Final control: CPE

Assessment of current activity in a practical lesson:

- Evaluation of theoretical knowledge on the subject of the lesson:
 - methods: survey, solving a situational clinical problem
 - assessment: maximum – 5, minimum – 3, unsatisfactory – 2
- Evaluation of practical skills and manipulations on the subject of the lesson:
 - methods: assessment of the correctness of the performance of practical skills
 - assessment: maximum – 5, minimum – 3, unsatisfactory – 2
- Evaluation of work with patients on the subject of the lesson:
 - methods: communication skills with the patient and his relatives; correctness of appointment and assessment of laboratory and instrumental studies;

compliance with the differential diagnosis algorithm; substantiation of the clinical diagnosis; drawing up a treatment plan

- assessment: maximum – 5, minimum – 3, unsatisfactory – 2

The grade for one practical session is the arithmetic average of all components and can only have a whole value (5, 4, 3, 2), which is rounded according to the statistical method.

Current evaluation criteria in practical training

Mark	Evaluation criteria
Perfectly "5"	The student is fluent in the material, takes an active part in discussing and solving a situational clinical problem, confidently demonstrates practical skills. Excellently interprets the data of clinical, laboratory and instrumental studies, expresses his opinion on the topic of the lesson, demonstrates clinical thinking.
Fine "4"	The student has a good command of the material, participates in the discussion and solution of a situational clinical problem, demonstrates practical skills. Interprets the data of clinical, laboratory and instrumental studies well with some errors, expresses his opinion on the topic of the lesson, demonstrates clinical thinking.
Satisfactorily "3"	The student does not have sufficient knowledge of the material, is unsure of participating in the discussion and solution of a situational clinical problem, demonstrates practical skills for and interprets clinical, laboratory and instrumental research data with significant errors.
Unsatisfactorily "2"	The student does not possess the material, does not participate in the discussion and solution of the situational clinical problem, does not demonstrate practical skills.

The student is admitted to the CPE on the condition that the requirements of the end-to-end work program of practice are fulfilled and if he received at least 3.00 points for the current activity.

Evaluation of the results of the students' practice during the final control - comprehensive practical exam (CPE).

The methodology of final control in the form of CPE is unified and involves the use of standardized forms. The number of practical skills taught at CPE corresponds to the number of production practice profiles on the corresponding course under the corresponding EPP.

Evaluation of the winner is carried out according to a checklist. During the CPE, the student receives a ticket, and the examiners use a checklist for the corresponding ticket with reference answers and determine which mandatory components of the answer were fulfilled or not fulfilled by the applicant.

Each point of the algorithm, depending on the complexity, is assigned a certain number of points. The specific weight (number of points) of each item may be different -

depending on the number of items and the difficulty of performing a particular item. Some scenarios may have critical points, failing which the task is considered failed. Ambiguity of understanding should be excluded when forming checklist items.

When the applicant performs certain actions, he can receive "minus points", namely:

№	Evaluation criterion	Mark
1.	Unregulated action or attempt to communicate with the examiner, not provided for in the task	- 5
2.	The second unregulated action or attempt to communicate with the examiner, not provided for in the task	- 5
3.	The third unregulated action or attempt to communicate with the examiner, not provided for in the task	-5
4.	The fourth unregulated action or attempt to communicate with the examiner, not provided for in the task	- 5
5.	More than 4 unregulated actions	- 20
6.	Dangerous action (which will inevitably lead to deterioration of the patient's condition)	- 20
7.	Unacceptable behavior	- 20
8.	Damage to simulation equipment or inventory	- 20

The maximum score for completing a task at one station is 100 points. The CPE is considered completed if the applicant has scored at least 60% of the maximum number of points at each station.

The overall CPE score is calculated as the arithmetic average of all received scores for all profiles. CPE is held in the Educational and Production Complex of Innovative Technologies of Learning, Informatization and Internal Monitoring of Education Quality of the University during the examination sessions at the end of the semester (autumn and spring) according to the schedule.

Distribution of points received by students

The obtained average score for the academic discipline for students who have successfully mastered the work program of the academic discipline is converted from a traditional four-point scale to points on a 200-point scale, as shown in the table:

Conversion table of a traditional assessment into a multi-point scale

National assessment for the discipline	The sum of points for the discipline
Perfect «5»	185 – 200
Good «4»	151 – 184
Satisfactory «3»	120 – 150
Unsatisfactory «2»	<120

A multi-point scale (200-point scale) characterizes the actual success of each applicant in learning the educational component. The conversion of the traditional grade (average

score for the academic discipline) into a 200-point grade is performed by the information and technical department of the University. According to the obtained points on a 200-point scale, the achievements of the students are evaluated according to the ECTS rating scale. Further ranking according to the ECTS rating scale allows you to evaluate the achievements of students from the educational component who are studying in the same course of the same specialty, according to the points they received. The ECTS scale is a relative-comparative rating, which establishes the applicant's belonging to the group of better or worse among the reference group of fellow students (faculty, specialty). An "A" grade on the ECTS scale cannot be equal to an "excellent" grade, a "B" grade to a "good" grade, etc. When converting from a multi-point scale, the limits of grades "A", "B", "C", "D", "E" according to the ECTS scale do not coincide with the limits of grades "5", "4", "3" according to the traditional scale. Acquirers who have received grades of "FX" and "F" ("2") are not included in the list of ranked acquirers. The grade "FX" is awarded to students who have obtained the minimum number of points for the current learning activity, but who have not passed the final examination. A grade of "F" is assigned to students who have attended all classes in the discipline, but have not achieved a grade point average (3.00) for the current academic activity and are not admitted to the final examination. Students who study in one course (one specialty), based on the number of points scored in the discipline, are ranked on the ECTS scale as follows: Conversion of the traditional grade from the discipline and the sum of points on the ECTS scale

Conversion of traditional assessment in the discipline and the amount of points on the ECTS scale

Assessment on the ECTS scale	Statistical indicator
A	The best 10% of students
B	The next 25% of students
C	The next 30% of students
D	The next 25% of students
E	The next 10% of students

INDEPENDENT WORK OF STUDENTS. Independent work involves preparation for each practical class, writing essays on the topics of missed classes.

COURSE POLICY

Deadlines and Rescheduling Policy:

- Absences of classes for non-respectable reasons are worked out according to the schedule of the teacher on duty.
- Absences due to valid reasons are processed on an individual basis schedule with the permission of the dean's office.

Academic Integrity Policy:

Observance of academic integrity by applicants is mandatory, and exactly:

- independent performance of all types of work, tasks, forms of control, provided by the work program of this academic discipline;

- references to sources of information in the case of using ideas, developments, statements, information;
- compliance with the legislation on copyright and related rights;
- provision of reliable information about the results of one's own study (scientific) activity, used research methods and sources information

Unacceptable in educational activities for educational participants process is:

- using family or official ties to obtain a positive or higher grade during any form of control of learning outcomes or academic performance;
- use of prohibited auxiliaries during control measures materials or technical means (cheat sheets, notes, micro-earphones, telephones, smartphones, tablets, etc.);
- passing the procedures for monitoring the results of training with fakes persons

For violation of academic integrity, students can be are brought to the following academic responsibility:

- a decrease in the results of assessment of control work, assessment in class, credit, etc.;
- retaking the assessment (control work, credit, etc.);
- appointment of additional control measures (additional individual tasks, control works, tests, etc.);
- conducting an additional inspection of other works authored by the violator.

Attendance and Tardiness Policy:

Uniform: a medical gown that completely covers the outer clothing, or medical pajamas, a cap, a mask, and a change of shoes.

Equipment: notebook, pen.

State of health: applicants are ill with acute infectious diseases, including respiratory diseases, are not allowed to attend classes.

A student who is late for class can attend it, but if the teacher put "nb" in the journal, he must complete it in the general order.

Use of mobile devices:

Mobile devices may be used by collectors with permission the teacher, if they are needed to complete the task.

Behavior in the audience:

The behavior of students and teachers in classrooms should be professional and calm, strictly comply with the rules established by the Regulation on academic integrity and ethics of academic relations in Odesa National Medical University, in accordance with the Code of academic ethics and relations of the Odesa university community of the National Medical University, Regulations on Prevention and detection of academic plagiarism in research and educational work students of higher education, scientists and teachers of Odesa National Medical University.