

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

International Faculty

Department of Obstetrics and Gynecology

Syllabus of elective discipline

"OBSTETRICS AND GYNECOLOGY IN THE PRACTICE OF A FAMILY DOCTOR"

Scope of the academic discipline	Total hours per discipline: 90 hours, 3.0 credits. Semesters: XI-XII 6th year of study
Days, time, place of educational discipline	According to the schedule of classes. Department of Obstetrics and Gynecology. Odesa, str. Pasteur, 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, head teacher of the department 0976431180 Christina Litvin, laboratory assistant (048) 723-29-01 Email – natalia.bykova@onmedu.edu.ua Eye 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

Subject of discipline "Obstetrics and gynecology in the practice of a family doctor" is principles of management of women with a physiological course of pregnancy and principles of prevention of oncogynecological diseases in women.

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

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

The purpose of the course" Acquisition by the student of knowledge and formation of elements of professional competences in the field of "obstetrics and gynecology" in the practice of a family doctor.

Tasks of the discipline:

1. Formation of abilities and skills of observation of physiological and pathological pregnancy, diagnosis and treatment the most common gynecological diseases in the practice of a family doctor.

2. Mastery of medical manipulations in the field of "obstetrics and gynecology", according to the EPP "Medicine".

Expected results. As a result of studying the academic discipline, the student of higher education must:

Know:

– Basic principles of organizing obstetric and gynecological care for the population of Ukraine;

– Principles of management of women with physiological pregnancy;

– Tactics of managing patients with various types of gynecological pathology;

– Methods of contraception for certain categories of the population; WHO medical acceptance criteria for the use of contraception;

Be able:

– to collect data on the patient's complaints, medical history, life history, to evaluate information about the diagnosis using a standard procedure, based on the results of laboratory and instrumental studies.

– to determine the list of necessary clinical laboratory and instrumental studies and evaluate their results (according to list 4).

– to select the leading clinical symptom or syndrome (according to list 1).

– to establish a preliminary diagnosis, carry out differential diagnosis and determine the clinical diagnosis of the disease (according to list 3).

– to determine the principles of treatment of diseases, the necessary regime of work and rest, the nature of nutrition (according to list 2).

– to conduct counseling on family planning issues, determine the tactics of managing physiological pregnancy, physiological childbirth and the postpartum period.

– to use the skills of communication and clinical examination of the patient.

DESCRIPTION OF THE EDUCATIONAL DISCIPLINE

Forms and methods of education

The course will be taught in the form of practical classes (30 hours), organization of independent work for students of higher education (60 hours).

Teaching methods: conversation, role-playing, solving clinical situational problems, practicing the skills of counseling teenage girls on family planning issues.

Content of the academic discipline

Topic 1. Pathology of mammary glands.

Changes in the mammary gland during pregnancy and lactation. Diagnosis of diseases of the mammary gland. Signs of benign and malignant diseases. Examination and palpation of mammary glands. Mammography.

Topic 2. Oncoprophylaxis of gynecological diseases.

Precancerous diseases of female genital organs. Oncomarkers of malignant neoplasms of female genital organs. Modern methods of diagnosis and prevention.

Topic 3. Gynecological endocrinology.

Physiological and pathological states of the reproductive system in different age periods. Disorders of menstrual function. Abnormal uterine bleeding. Standard examination of women. Osteoporosis. Densitometry.

Topic 4. Management of physiological pregnancy.

Diagnosis of early pregnancy. Observations during the physiological course of pregnancy. Examination of pregnant women, prevention of pregnancy complications. Assessment of fetal wellbeing. Biophysical profile of the fetus. CTG Perinatal protection of the fetus. Ultrasound in pregnancy.

Topic 5. Early gestosis. Hypertensive disorders during pregnancy. Preeclampsia. Eclampsia. HELLP syndrome.

Early gestosis. Hypertensive disorders during pregnancy. Edema during pregnancy. Proteinuria during pregnancy. Preeclampsia. Eclampsia. HELLP syndrome. Clinic, diagnosis, prevention.

Topic 6. Pharmacotherapy in pregnancy with extragenital diseases.

Pharmacotherapy during pregnancy for extragenital diseases. Pregnancy with diseases of the cardiovascular system, diseases of the urinary system; liver and gall bladder, diseases of hematopoietic organs, respiratory organs, organs of the digestive system, endocrine system, nervous system, organs of vision, acute and chronic infectious diseases, tuberculosis, HIV.

Topic 7. Miscarriage.

Spontaneous miscarriage. Isthmic-cervical insufficiency. Premature birth. Classification and diagnosis.

Topic 8. Children's gynecology.

Age periods of development of girls and teenagers. HPV vaccination in teenagers. Disorders of menstrual function in girls and adolescents. AUB of the pubertal period. Contraception in teenagers.

List of 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 Chandrharan Handbook of CTG Interpretation: From Patterns to Physiology / Edwin Chandrharan. – 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.

Internet sources:

1. <https://www.cochrane.org/> - Cochrane
2. <https://www.acog.org/> - 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 for Biotechnology Information
6. <https://pubmed.ncbi.nlm.nih.gov/> - National Library of Medicine
7. <https://www.thelancet.com/> - The Lancet
8. <https://www.rcog.org.uk/> - Royal College of Obstetricians & Gynaecologists
9. <https://www.npwh.org/> - Nurse practitioners in womens health
10. <http://moz.gov.ua>
11. www.ama-assn.org – [American Medical Association](http://www.ama-assn.org)
12. www.who.int
13. www.dec.gov.ua/mtd/home/
14. <http://bma.org.uk>
15. www.gmc-uk.org - *General Medical Council (GMC)*
16. www.bundesaerztekammer.de
17. www.euro.who.int

EVALUATION

Current control: oral survey, assessment of communication skills during role plays, solving situational clinical tasks, assessment of activity in class.

Final control: credit.

Assessment of the current educational activity in a practical session:

1. Assessment of theoretical knowledge on the subject of the lesson:
 - methods: survey, solving a situational clinical task
 - assessment: maximum mark – 5, minimum – 3, unsatisfactory – 2.
2. Assessment of work with patients on the subject of the lesson:
 - methods: assessment of: a) communication with a patient b) correctness of prescribing and evaluating laboratory and instrumental studies
 - assessment: maximum mark – 5, minimum – 3, unsatisfactory – 2.
3. Evaluation of work with patients on the subject of the lesson:
 - methods: assessment of communication skills with the patient and his relatives; correctness of prescription and assessment of laboratory and instrumental studies; accordance to 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.

Criteria of ongoing assessment at the practical class

«5»	The student is fluent in the material, takes an active part in discussing and solving a situational clinical problem, confidently demonstrates practical skills and interprets the results of clinical, laboratory and instrumental studies, expresses his opinion on the topic, and demonstrates clinical thinking.
«4»	The student is well versed in the material, participates in the discussion and solution of situational clinical problems, demonstrates practical skills during the examination and interprets the results of clinical, laboratory and instrumental studies with some errors, expresses his opinion on the topic, and demonstrates clinical thinking.
«3»	The student does not have enough material, uncertainly participates in the discussion and solution of the situational clinical problem, demonstrates practical skills during the examination and interprets the results of clinical, laboratory and instrumental studies with significant errors.
«2»	The student does not have the material, does not participate in the discussion and solution of the situational clinical problem, and does not demonstrate practical skills during the examination and interpret the results of clinical, laboratory and instrumental studies.

Credit is given to the student who completed all tasks of the work program of the academic discipline, took an active part in practical classes, completed and defended an individual assignment and has an average current grade of at least 3.0 and has no academic debt. Assessment is carried out: at the last lesson before the beginning of the examination session - with the tape system of learning, at the last lesson - with the cycle system of learning. The credit score is the arithmetic mean of all components according to the traditional four-point scale and has a value that is rounded according to the statistics method with two decimal places after the decimal point.

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 OF HIGHER EDUCATION

Independent work involves preparation for each seminar class, writing essays on topics of missed classes.

COURSE POLICY

Deadlines and Rescheduling Policy :

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

Academic Integrity Policy :

Students must observe academic integrity, namely:

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

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

Unacceptable in educational activities for participants of the educational process are:

- the use of family or official ties to obtain a positive or higher grade during any form of control of academic performance or academic merit;
- use of prohibited auxiliary materials or technical means (cheat sheets, notes, micro-earphones, telephones, smartphones, tablets, etc.) during control measures;
- going through procedures for monitoring the results of training by fake persons.

For violation of academic integrity, students may be held to the following academic responsibility:

- a decrease in the results of assessment of the control work, assessment in class, credit, etc.;
- retaking the assessment (test, credit, etc.);
- assignment 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: students suffering from 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 has put "nb" in the journal, he must complete it in the general order.

Mobile devices. It is not allowed to use a mobile phone, tablet or other mobile devices during the lesson (except for the cases provided by the curriculum and methodical recommendations of the teacher).

Behavior in the audience. Creative, business, friendly atmosphere.