Odessa National Medical University
Medical Faculty № 1
Department of Obstetrics and Gynecology
Syllabus course
Obstetrics and gynecology

<table>
<thead>
<tr>
<th>Amount</th>
<th>10.5 ECTS credits, 315 hours</th>
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<tbody>
<tr>
<td>Semester, year of study</td>
<td>VII - XII semesters, 4, 5, 6 course</td>
</tr>
<tr>
<td>Days, time, place</td>
<td>On schedule</td>
</tr>
<tr>
<td>Teacher (s)</td>
<td>Teachers of the Department of Obstetrics and Gynecology</td>
</tr>
<tr>
<td>Contact phone</td>
<td>(048) 723-29-01</td>
</tr>
<tr>
<td>E-mail</td>
<td><a href="mailto:obgyn1@onmedu.edu.ua">obgyn1@onmedu.edu.ua</a></td>
</tr>
<tr>
<td>Workplace</td>
<td>Auditoriums of the Department of Obstetrics and Gynecology Odessa, street Pasteur, 9</td>
</tr>
<tr>
<td>Consultations</td>
<td>Thursday 14.30-16.00</td>
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<td></td>
<td>Saturday 9.00-13.00</td>
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COMMUNICATION

Communication is possible during full-time consultations (offline / Face to face), or remotely (online) with the help of Teams (by prior arrangement). Communication can also be done using E-mail. You must indicate your last name, first name, course, faculty and the name of the course. The solution of "working issues" is possible by the specified phone number.

COURSE ANNOTATION

The subject of the discipline "Obstetrics and Gynecology" are methods of diagnosis, treatment and rehabilitation of gynecological patients, pregnant women, women in labor, postpartum woman and breastfeeding women, as well as methods of assistance in childbirth.

Prerequisite of the course: the discipline is compulsory and is based on the study by students of such fundamental disciplines as human anatomy, physiology, microbiology, virology and immunology, general surgery (with operative surgery and topographic anatomy) and integrates with surgery, oncology, emergency and urgent medical care, anesthesiology and intensive care.

Postrequisite of the course: lays the foundations for the study of family medicine and emergency medicine by students, provides for the integration of teaching with
these disciplines and the formation of skills to apply knowledge of obstetrics and gynecology in the process of further study and professional activities.

**The aim of the course** "Obstetrics and Gynecology" is to master higher education methods of diagnosis, treatment and rehabilitation of gynecological.

**Task:**

- master the skills of communication and clinical examination of gynecological patients, pregnant women, women in labor and postpartum woman.
- determine the list of necessary clinical, laboratory and instrumental studies and evaluate their results.
- establish a preliminary and clinical diagnosis of the disease
- determine the principles of treatment of diseases, the required mode of work and rest and the nature of nutrition.
- diagnose emergencies
- determine tactics and provide emergency medical care
- perform medical manipulations
- provide consultations on family planning, determine the tactics of physiological pregnancy, physiological childbirth and the postpartum period.
- keep medical records.

**Expected results.**

*As a result of the study, students should know:*

- basic principles of organization of obstetric and gynecological care for the population of Ukraine;

- on the structure of a woman's body, its organs and systems; periods of physiological childbirth; methods of examination of the mother in childbirth; assessment of the condition of the fetus in childbirth; clinical course and management of physiological childbirth; stages of the postpartum period and features of its management.

- about methods of contraception for certain categories of the population; WHO medical criteria for eligibility for contraception.

*Students must be able to:*

- Conduct consultations on family planning, determine the tactics of physiological pregnancy, physiological childbirth and the postpartum period

- Be able to determine the condition of the mother; to carry out diagnostic and tactical measures in each period of childbirth; to examine a woman in labor; assess the condition of the fetus during childbirth; to conduct the postpartum period.
• Be able to assess the patient and the necessary examination before using the contraceptive; demonstrate family planning counseling skills.

• It is reasonable to formulate and bring to the mother, relatives and specialists recommendations for the most effective delivery; provide the necessary information about changes in a woman's body in the postpartum period.

• It is reasonable to formulate and communicate to the patient, relatives and specialist’s recommendations on the choice of method of contraception; provide the necessary information about changes in a woman's body while using a contraceptive.

**COURSE DESCRIPTION**

**Forms and methods of teaching**

The course will be presented in the form of lectures (20 hours) and practical classes (150 hours), organization of independent work of students (145 hours).

During the teaching of the discipline the following teaching methods will be used: verbal (lecture, conversation); visual (multimedia presentations, diagrams, tables, radiographs); practical classes with the use of mannequins, simulators and robots; method "standardized patient", work with the textbook (independent work of students), performance of individual independent tasks, solving test tasks such as "Step-2" and clinical situational tasks.

**The content of the discipline**

**Section 1. Gynecology. (4th year)**

Topic 1. Organization of obstetric and gynecological services in Ukraine. The role of the family doctor in providing obstetric and gynecological care.


Topic 6. Pre-cancerous diseases of the female genital organs.


Topic 10. Family planning.
Section 2. Obstetrics (5th year)


Topic 15. Anomalies in the development of the fertilized egg. Multiple pregnancy.


Topic 17. Isoantigenic incompatibility of maternal and fetal blood.


Section 3. Obstetrics and gynecology (6th year).

Topic 24. Disorders of the menstrual function in reproductive age. Neuroendocrine syndromes in gynecology. Physiological and pathological conditions of the reproductive system at different ages.

Topic 25. Female urogynecological inflammatory diseases.


Topic 29. Infertile marriage. Modern aspects of planning of a family. Methods of contraception. The criteria for the use of contraceptive methods by the WHO.


List of recommended literature

Main literature:


**Additional literature:**


EVALUATION

Assessment of independent work of students (SIW)

Independent and individual work of students involves independent processing of educational material submitted to the SIW, and is carried out in the following forms: study of educational, specialized literature, policy documents, writing a medical history, writing essays on missed classes and more.

Independent work of students during the current control of mastering the topics of sections in the relevant classroom. Assimilation of topics that are submitted only for independent work are checked during the test control.

Assessment of individual student tasks

In order to increase the arithmetic mean of all grades obtained by the student in the discipline, the assessment for individual tasks is charged to the student only if they are successfully completed and defended. The grade is added to the current performance.

Current performance

Evaluation of the success of the study of each topic in the discipline is performed on a traditional 4-point scale.

The following methods of control of students' learning outcomes are used: oral examination on the topic of the lesson; testing; solving situational problems; drawing up a plan for examination and treatment of patients, analysis of the results of clinical, laboratory and instrumental studies, substantiation of the diagnosis, determination of indications for surgical interventions, practice of practical skills on phantoms, etc.

At the end of the course, the current performance is calculated as the average current score, that is the arithmetic mean of all grades obtained by the student on a traditional scale, rounded to 2 (two) decimal places, such as 4.75.

In the last practical lesson announce to students the results of their current academic performance, academic debt (if any).

Final control

The form of final control of knowledge is an examination for 4th, 5th and 6th year students.

Students who have performed all types of work provided for curriculum, have no academic debt and in the study of the discipline scored for the current academic activity the average number of points, not less than the minimum - 3.00.
Exam in the form of an oral survey head of the department, head of the department, professors and associate professors of the department. During the exam, the student answers two theoretical questions (one from obstetrics and gynecology) and solves two situational problems (one from obstetrics and gynecology) and performs two medical manipulations (one from obstetrics and gynecology), according to the program.

**Evaluation criteria**

- the grade "excellent" is given to the student who systematically worked during a semester, showed during examination various and deep knowledge of a program material, is able to carry out successfully the tasks provided by the program, has mastered the maintenance of the basic and additional literature, has understood interrelation of separate sections of discipline, importance for the future profession, showed creative abilities in understanding and using educational material, showed the ability to independently update and replenish knowledge; level of competence - high (creative);

- a grade of "good" is given to a student who has shown full knowledge of the curriculum, successfully performs the tasks provided by the program, mastered the basic literature recommended by the program, showed a sufficient level of knowledge of the discipline and is able to update and update them during further study and professional activity; level of competence - sufficient (constructive-variable);

- the grade "satisfactory" is given to the student who has shown knowledge of the basic educational program material in the volume necessary for the further training and the subsequent work on a profession, copes with performance of the tasks provided by the program, has made separate mistakes in answers on examination and at performance of examination tasks, but has the necessary knowledge to overcome mistakes under the guidance of a researcher; level of competence - average (reproductive);

- the grade "unsatisfactory" is given to the student who did not show sufficient knowledge of the basic educational program material, made fundamental mistakes in performance of the tasks provided by the program, cannot use the knowledge at the further training without the teacher's help, failed to master skills of independent work; the level of competence is low (receptive-productive).

The exam is considered passed if the student received a grade of "3" and above.

**Discipline assessment**

Discipline assessment consists of the share of the results of the assessment of current educational activities (arithmetic mean of all current student assessments) and the exam, which are, respectively, 50% and 50%. Further calculations are performed by the information and computer center of the university. The multi-point scale characterizes the actual success of each student in mastering the discipline. Conversion of the traditional grade from the discipline to 200-point is
Incentive points according to the decision of the department can be added to the number of points in the discipline to students who have scientific publications, won prizes for participation in the Olympiad in the discipline at the university or among IHE of Ukraine, active students.

<table>
<thead>
<tr>
<th>Average score for the discipline</th>
<th>Grade on the discipline on a 4-point scale</th>
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<tbody>
<tr>
<td>185-200</td>
<td>5</td>
</tr>
<tr>
<td>151-184</td>
<td>4</td>
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<tr>
<td>120-150</td>
<td>3</td>
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**COURSE POLICY**

**Deadline and Recompilation Policy**

All missed classes need to be worked out. Lectures are worked out by writing essays on the topic of the lesson. Practical exercises are worked out according to the schedule of consultations.

Students do not have the right to rearrange the current satisfactory and unsatisfactory grades in order to increase the arithmetic mean of all current grades.

Students have the right during the semester to retake current unsatisfactory grades only in order to achieve an average current score of 3.00.

**Academic Integrity Policy**

Unacceptable write-offs, the student must be fluent in the material.

**Attendance and lateness policy**

The student should not miss lectures and practical classes, the absence of valid reasons should be informed in advance to the teacher, delays are not desirable.

**Mobile devices**

It is not allowed to use a mobile phone, tablet or other mobile devices during the lesson (except in cases provided by the curriculum and the teacher's guidelines).

**Audience behavior**

Creative, businesslike, friendly atmosphere.