

**Odessa National Medical University**  
**Faculty of Dentistry**  
**Department of Obstetrics and Gynecology**

**Syllabus course**  
**Obstetrics**

<b>Volume</b>	3.0 ECTS credits, 90 hours
<b>Semester, year of study</b>	VII - VIII study semesters, 4th year
<b>Days, time, place</b>	On schedule
<b>Teacher (s)</b>	Teachers of the Department of Obstetrics and Gynecology Викладачі кафедри акушерства та гінекології
<b>Contact phone</b>	(048) 723-29-01
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<b>Workplace</b>	Auditorium of the Department of Obstetrics and Gynecology Odessa, street Pasteur, 9
<b>Consultations</b>	On Thursday at 2.30-4.00 p.m. On Saturday at 9.00-13 p.m.

**COMMUNICATION**

Communication is possible during face-to-face 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"** are methods of diagnosis, treatment and rehabilitation of pregnant women, mothers, parturients and women who are breastfeeding, as well as methods of assistance in childbirth.

**Course details:** The course is compulsory and is based on the study of such fundamental disciplines as human anatomy, physiology, general surgery and integrates with surgery, emergency and urgent care, anesthesiology and intensive care.

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

**The purpose of the course "Obstetrics"** is to acquire knowledge of physiological and pathological obstetrics, mastering the general principles of pregnancy, childbirth and the postpartum period, the ability to analyze the obstetric situation, use basic and additional research methods, demonstrate skills according to educational program.

#### **Task:**

- master the skills of collecting medical information about the patient and analyzing clinical data
- master the ability to interpret the results of laboratory and instrumental research
- establish a preliminary, clinical, final, concomitant diagnosis, emergencies
- master the skills to perform medical and dental manipulations.
- master the methods to determine the tactics, methods and provision of emergency medical care
- master the methods of providing home care according to the protocols of tactical medicine

#### **Expected results:**

As a result of studying students should know:

- methods of analysis, synthesis and further modern learning. Be able to analyze information, make informed decisions, be able to acquire modern knowledge
- specialized conceptual knowledge acquired in the learning process. Be able to solve complex problems and problems that arise in professional activities
- specialized skills to collect information about the general condition of the patient, to assess the psychomotor and physical development of the patient, the condition of the organs of the maxillofacial area, and the results of examination tests
- have deep knowledge of information and communication technologies used in professional activities. Be able to use information and communication technologies in the professional field, which requires updating and integration of knowledge
- have basic basic laws, be able to apply them in practice to identify, solve and pose

problems to solve problems

*Students must be able to:*

- identify and identify leading clinical symptoms and syndromes
- collect information about the general condition of the patient
- prescribe and analyze additional examination methods (laboratory and instrumental)
- diagnose emergencies under any circumstances
- determine the tactics of managing a dental patient during pregnancy, by making an informed decision according to existing algorithms and standard schemes
- determine the tactics of emergency medical care, using the recommended algorithms
- analyze and evaluate state, social and medical information using standard approaches and computer information technologies
- perform medical manipulations on the basis of preliminary and / or final clinical diagnosis for different segments of the population and in different conditions

## **COURSE DESCRIPTION**

### **Forms and methods of teaching**

The course will be presented in the form of lectures (10 hours) and practical classes (30 hours), organization of independent work of students (50 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**

#### **Obstetrics**

Topic 1. The subject of obstetrics and gynecology. The main stages of development of obstetrics and gynecology. Organization of obstetric care. The role of the dentist in the prevention of perinatal diseases and mortality.

Topic 2. Women's pelvis. The fetus as an object of childbirth.

Topic 3. Physiology of pregnancy. Methods of examination of pregnant women. Perinatal protection of the fetus.

Topic 4. Physiology of childbirth. Anesthesia of childbirth.

Topic 5. Physiology of the postpartum period. Physiology of the neonatal period.

Topic 6. Fetal distress during pregnancy and childbirth. Delayed fetal development.

Topic 7. Early gestosis of pregnant women. Hypertensive disorders during pregnancy. Preeclampsia. Eclampsia.

Topic 8. Obstetric bleeding during pregnancy, childbirth and the postpartum period.

Topic 9. Family planning. Modern methods of contraception

## List of recommended literature

### *Main literature:*

1. Акушерство та гінекологія: нац. підручник для медичних ВНЗ ІV рівнів акредитації у 4 т.// Нац.підручник у 4 томах / Запорожан В. М., Татарчук Т.Ф., Гладчук І.З., Дубініна В.Г., Подольский В.В., Рожковська Н.М., Марічерета В.Г., Волянська А.Г. -К.: ВСВ «Медицина», 2014.
2. Навчальний посібник з акушерства (за ред. І.Б.Венцківської, В.П.Лакатоша, В.М.Куца). – К., 2018. – РА-ГАРМОНІЯ – 210 с.
3. Невідкладні стани в акушерстві: (змістові модулі з дисципліни «Акушерство і гінекологія»): Навч. посіб. Для студ. Вищ. мед. навч. закладів / за редакцією Б.М. Венцківського, А.Я. Сенчука, О.О.Зелінського – Видавництво «ТЕС», 2011 – 260 с.
4. Акушерство і гінекологія: у 2-х книгах.- Книга 1. Акушерство: підручник (ВНЗ III-IV: р.а. ) / В.І. Грищенко, М.О. Щербини та ін. - К.: Медицина, 2017.- 424 с.
5. Obstetrics: Normal and Problem Pregnancies, 7th Edition S. Gabbe, J. R. Niebyl, J. L. Simpson, M. B. Landon, H. L. Galan, E. R. M. Jauniaux, D. A. Driscoll, V. Berghella and W. A. Grobman, Elsevier. – 2017. – 1320 pp.
6. Obstetrics by Ten Teachers (20th ed) Louise C. Kenny, Jenny E. Myers. – CRC Press. – 2017. – 342 pp.

### *Additional literature:*

1. Запорожан В.М., Міщенко В.П. Акушерська патологія: атлас, навчальний посібник. - Одеса:Одеський медуніверситет,2005.- 292 с.
2. Медведь В.І. Вибрані лекції з екстрагенітальної патології вагітних. - К., 2010.- 239 с.
3. Методи контрацепції відповідно до періодів життя: навчальний посібник.- К., 2013.- 255 с.
4. Ситуаційні задачі з акушерства: навчальний посібник. / І.З.Гладчук, А.Г.Волянська та інш.; за ред. проф. І.З.Гладчука. –
- 5.The current "Clinical Protocols" are approved by the order of the Ministry of Health of Ukraine in obstetrics and gynecology.

## **EVALUATION**

### **Assessment of independent work of students (VTS)**

Independent and individual work of students involves independent processing of educational material submitted to the VTS, and is carried out in the following forms: study of educational, specialized literature, policy documents, writing essays on the topics of 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 independent work of students (IWS)**

Independent and individual work of students involves independent processing of educational material submitted to the IWS, and is carried out in the following forms: study of educational, specialized literature, policy documents, writing essays on the topics of 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 study of the discipline, the grade 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 success**

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, ie the arithmetic mean of all grades obtained by the student on a traditional scale, rounded to 2 (two) decimal places, for example 4.75.

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

## **Final control**

The form of final control of knowledge is differentiated credit.

The differential test is set at the last lesson of the discipline based on the results of the final interview with the mandatory performance by the student of all types of work provided for in the working curriculum and evaluated for the current educational activity on average not less than 3.00. The grade obtained for the answer on the differential test and the score of the average current performance during the study of the discipline are used to calculate the arithmetic mean, which is the overall grade for the discipline. In the

student's record book the teacher enters the grade in the discipline on the traditional and 200-point scores

### **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 completes the tasks provided by the program, mastered the basic literature recommended by the program, showed a sufficient level of knowledge in the discipline and is able to independently update and update 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 and 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 the differentiated test. 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 and 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; level of competence - low (receptive-productive).

Differentiated credit is considered credited if the student received a grade of "3" and above.

### **Discipline assessment**

The grade for the discipline consists of the share of the results of the assessment of current educational activities (arithmetic mean of all current assessments of the student) and the assessment for differentiated credit, 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 performed by the information and computer center of the university program "Contingent" according to the formula:

$$\text{average grade point average (current / discipline) x 40}$$

Incentive points according to the decision of the department can be added to the number of points in the discipline for students who have scientific publications, won

prizes for participation in the Olympiad in the discipline at the university or among the Free Economic Zone of Ukraine, active students.

The grade for the discipline consists of the share of the results of the current grade

Average score for the discipline	Grade for the discipline on a 4-point score
185-200	5
151-184	4
120-150	3

## **COURSE POLICY**

### **Deadline and recompilation policy**

All missed classes must be completed. Lectures are practiced by writing essays on the topic of the lesson. Practical classes are practiced 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 guidelines of the teacher).

### **Behavior in the audience**

Creative, business, friendly atmosphere.