

## SYLLABUS

Concerning the cycle of education **2021-2027**

Academic year 2026/2027

### 1. BASIC INFORMATION CONCERNING THIS SUBJECT

Subject name	Gynecology and Obstetrics
Course code *	GP / F
Faculty (name of the leading direction)	Faculty of Medicine, University of Rzeszow
Department Name	Department of Obstetrics and Gynecology
Field of study	Medicine
Level of education	Uniform Master Studies
Profile	General Academic
Form of study	Stationary
Year and semester	Year VI, semester 11
Type of course	Obligatory
Language of instruction	English
Coordinator	Prof. Dorota Darmochwał-Kolarz, MD, PhD
Name(s) of the instructor(s)	Prof. Dorota Darmochwał-Kolarz, MD, PhD Dr Mateusz Kunysz, MD, PhD Dr Grzegorz Dworak, MD, PhD Dr Katarzyna Cieślak, MD

\* - according to the resolutions of the Faculty of Medicine

#### 1.1. Forms of classes, number of hours and ECTS

Lecture	Exercise	Conversation	Laboratory	Seminar	Practical	Self-learning	Number of points ECTS
-	50	-	-	10	-	-	4

#### 1.2. The form of class activities

☒ classes are in the traditional form

☐ classes are implemented using methods and techniques of distance learning

#### 1.3. Examination Forms / module (exam, credit with grade or credit without grade)

### 2. REQUIREMENTS

Knowledge in the field of Gynecology & Obstetrics from semesters 8, 9 and 10

### 3.OBJECTIVES, OUTCOMES, AND PROGRAM CONTENT USED IN TEACHING METHODS

#### 3.1. Objectives of this course/module

C <sub>1</sub>	Enable students to provide qualified gynecologic care across the female lifespan using modern diagnostic/therapeutic methods in prevention and treatment of urogenital disease.
C <sub>2</sub>	Prepare student to understand and interpret principles of organization and obstetric care over a woman during pregnancy and during delivery, as well as prevention and treatment programs for cancers of the women's genitourinary organs; results of diagnostic tests used in obstetrics and gynecology
C <sub>3</sub>	Prepare students to use the acquired knowledge in the field of obstetrics and gynecology in professional practice.

#### 3.2. Outcomes for the course

EK (the effect of education)	The content of the learning effect defined for the subject (module)	Reference to directional effects (KEK)
EK_01	basic methods of fetal diagnosis and therapy;	E. W <sub>5</sub> .
EK_02	female reproductive functions, disorders related to them and diagnostic and therapeutic procedures concerning in particular: 1) menstrual cycle and its disorders, 2) pregnancy, 3) physiological and pathological childbirth and puerperium, 4) inflammations and neoplasms in the genital area, 5) birth regulation, 6) menopause, basic diagnostic methods and gynecological procedures;	F. W <sub>9</sub> .
EK_03	conduct a medical interview with an adult patient;	E. U <sub>1</sub> .
EK_04	conduct a complete and focused physical examination of an adult patient;	E. U <sub>3</sub> .
EK_05	plan specialist consultations;	E. U <sub>32</sub> .
EK_06	maintain the patient's medical records.	E. U <sub>38</sub> .
EK_07	recognize subjective and objective symptoms indicating an abnormal course of pregnancy (abnormal bleeding, uterine contractions);	F. U <sub>13</sub> .
EK_08	interpret the results of a physical examination of a pregnant woman (blood pressure, maternal and fetal heart rate) and the results of laboratory tests indicating pregnancy pathologies;	F. U <sub>14</sub> .

EK_09	interpret the cardiotocography (CTG) record;	F. U15.
EK_10	recognize the onset of labor and abnormal duration of labor;	F. U16.
EK_11	interpret subjective and objective symptoms during the puerperium;	F. U17.
EK_12	establish recommendations, indications and contraindications for the use of contraceptive methods;	F. U18.
EK_13	establish and maintain a deep and respectful contact with the patient, as well as showing understanding for ideological and cultural differences;	K.01.
EK_14	be guided by the patient's best interests;	K.02.
EK_15	comply with medical confidentiality and patient rights;	K.03.
EK_16	take action towards the patient based on ethical principles, with awareness of the social conditions and limitations resulting from the disease;	K.04.
EK_17	detect and recognise his/her own limitations and making self-assessment of educational deficits and needs;	K.05.
EK_18	promote health-promoting behaviors;	K.06.
EK_19	use objective sources of information;	K.07.
EK_20	formulate conclusions from his/her own measurements or observations;	K.08.
EK_21	implement the principles of professional camaraderie and cooperation within a team of specialists, including representatives of other medical professions, also in a multicultural and multinational environment;	K.09.
EK_22	formulate opinions on various aspects of professional activity;	K.10.
EK_23	accept responsibility for decisions made in the course of professional activity, including those relating to one's own safety and the safety of others.	K.11.

### 3.3. Content Curriculum

#### A. Classes, laboratories, seminars, practical classes

<b>Content outline</b>
A demonstration, an interview and a physical examination of a patient suffering from gynecology
A demonstration, an interview and a physical examination of a pregnant patient
Diagnostic methods with particular emphasis on ultrasound examination - study presentation
Exercises at the Department of Pregnancy Pathology - a demonstration of a pregnant gynecological examination - external and internal examination, CTG examination
Exercises in the Operating Room - active assistance for gynecological procedures

Anatomy of the sexual organ
Physiology of the sexual organ
Menstrual cycle in the aspect of hormonal disorders. Gynecological endocrinology
Basics of gynecological oncology
Physiological pregnancy
Childbirth and physiological limb
Family planning
A newborn baby with a physiological pregnancy. Proceedings with a newborn depending on the birth condition.
Bleeding during pregnancy
Menopause

### 3.4. Methods of Instruction

**Exercises:** working with the patient, analysis of the results of diagnostic tests

## 4.METHODS AND EVALUATION CRITERIA

### 4.1. Methods of verification of learning outcomes

Symbol of effect	Methods of assessing learning outcomes (e.g., test; oral exam; written exam; project; report; observation during classes)	Form of classes (Exercises, Seminar...)
EK_01 EK_02 EK_03 EK_04 EK_05 EK_06 EK_07 EK_08 EK_09 EK_10 EK_11 EK_12 EK_13 EK_14 EK_15 EK_16 EK_17 EK_18 EK_19 EK_20 EK_21 EK_22 EK_23	credit with the grade based on the student's observation including:  - attendance  - implementation of commissioned tasks	Exercises, Seminars

#### **4.2. Conditions for completing the course (evaluation criteria)**

##### **Pass conditions:**

Attendance is compulsory for all forms of classes. Detailed rules are specified in the Clinical Classes Regulations.

A minimum score of 60% in knowledge, skills, and competence assessments, as well as passing the final exam, is required.

##### **Knowledge assessment:**

- 5.0 - has knowledge of the education content at the level of 93% -100%
- 4.5 - has knowledge of the content of education at the level of 85% -92%
- 4.0 - has knowledge of the content of education at the level of 77% -84%
- 3.5 - has knowledge of the content of education at the level of 69% -76%
- 3.0 - has knowledge of the content of education at the level of 60% -68%
- 2.0 - has knowledge of the educational content below 60%

##### **Skill assessment:**

5.0 - the student actively participates in classes, is well prepared, knows the reproductive functions of women very well, disorders related to them and diagnostic and therapeutic procedures, correctly recognizes signs and symptoms indicating abnormal pregnancy  
4.5 - student actively participates in classes, knows well reproductive functions of a woman, disorders related to them, as well as diagnostic and therapeutic procedures, correctly recognizes signs and symptoms indicative of abnormal pregnancy

4.0 - the student actively participates in classes, is improved, knows the reproductive functions of women, disorders associated with them, as well as diagnostic and therapeutic procedures, recognizes signs and symptoms indicating abnormal pregnancy

3.5 - the student participates in classes, his scope of preparation does not allow a comprehensive presentation of the discussed problem, knows the female reproductive functions, related disorders, as well as diagnostic and therapeutic procedures, recognizes signs and symptoms indicative of abnormal pregnancy

3.0 - the student participates in the classes, knows the reproductive functions of the woman sufficiently, disorders associated with them, as well as diagnostic and therapeutic procedures, recognizes signs and symptoms that indicate abnormal pregnancy

2.0 - the student passively participates in the classes, the statements are incorrectly substantive, do not know the female reproductive functions, disorders related to them, as well as diagnostic and therapeutic procedures, incorrectly recognize signs and symptoms indicative of abnormal pregnancy.

## 5. TOTAL STUDENT WORKLOAD REQUIRED TO ACHIEVE THE INTENDED LEARNING OUTCOMES IN HOURS AND ECTS CREDITS

Form of activity	The average number of hours to complete the activity
Contact hours (with the teacher) resulting from the study schedule of classes	60
Contact hours (with the teacher) participation in the consultations, exams	30
Non-contact hours - student's own work (preparation for classes, exam, writing a paper, etc.)	30
SUM OF HOURS	120
TOTAL NUMBER OF ECTS	4

*\*It should be taken into account that 1 ECTS point corresponds to 25-30 hours of total student workload.*

## 6. TRAINING PRACTICES IN THE SUBJECT / MODUL

Number of hours	60
Rules and forms of apprenticeship	-

## 7. LITERATURE

### Basic literature:

**Oxford Handbook of Obstetrics & Gynecology** by Sally Collins (editor), Sabaratnam Arulkumaran (editor), Kevin Hayes (editor), Simon Jackson (editor) and Lawrence Impey (editor). Oxford Medical Handbooks 2023.

Approved by the Head of the Department or an authorised person

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