

SYLLABUS

concerning the cycle of education 2022-2028

(date range)

1.1. BASIC INFORMATION CONCERNING THIS SUBJECT / MODULE

Subject / Module	Gynecology and obstetrics
Course code / module *	GP/F
Faculty of (name of the leading direction)	Medical College of Rzeszów University
Department Name	Medical College of Rzeszów University
Field of study	medical direction
Level of education	uniform master's studies
Profile	practical
Form of study	stationary / extramural
Year and semester	year V, semester X
Type of course	obligatory
Coordinator	Dr hab. Dorota Darmochwał-Kolarz
First and Last Name of the Teacher	Dr hab. J. Skręt – Magierło Dr hab. G. Raba

* - According to the resolutions of the Faculty of Medicine

1.2. Forms of classes, number of hours and ECTS

Lecture	Exercise	Conversation	Laboratory	Seminar	ZP	Practical	Self-learning	Number of points ECTS
15	60	-	-	30	-	-	-	6

1.3. The form of class activities

☒ classes are in the traditional form

☐ classes are implemented using methods and techniques of distance learning

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

2. REQUIREMENTS

Anatomy, Physiology, Biochemistry

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

3.1. Objectives of this course/module

C1	Mastering anatomical bases, physiological sexual organs in the field of gynecology and obstetrics
C2	Understanding the usefulness of diagnostic methods used in obstetrics and gynecology.
C3	Shaping the skills of conducting subject and subject studies in the Department of Gynecology and Obstetrics
C4	Getting to know the specifics of work in the delivery room, learning to identify the pathology and physiology of delivery.
C5	Mastering the basics of the pathology of pregnancy, birth and confinement.
C6	Introduction of genital pathology - gynecological diseases.

3.2 OUTCOMES FOR THE COURSE / MODULE (TO BE COMPLETED BY THE COORDINATOR)

EK (the effect of education)	The content of the learning effect defined for the subject (module)	Reference to directional effects (KEK)
EK_01	knows the basic methods of fetal diagnostics and therapy;	F.W5.
EK_02	knows the reproductive functions of women, related disorders, as well as diagnostic and therapeutic procedures concerning, in particular: a) menstrual cycle and its disorders, b) pregnancy, c) physiological and pathological birth and confinement, d) inflammation and tumors within the genital area, e) birth control, f) menopause, g) basic methods of gynecological diagnostics and procedures;	F.W9.
EK_03	recognizes signs and symptoms that indicate abnormal pregnancy (abnormal bleeding, uterine contraction);	F.U13.
EK_04	interprets the results of physical examination of the pregnant woman (arterial pressure, fetal mother's heart activity) and the results of laboratory tests that show pregnancy pathologies;	F.U14.
EK_05	interprets the record of cardiotocography (CTG);	F.U15.
EK_06	he recognizes the beginning of labor and its incorrect duration;	F.U16.
EK_07	interprets subjective and subjective symptoms during the postpartum period;	F.U17.

EK_08	sets recommendations, indications and contraindications regarding the use of contraception;	F.U18.
EK_09	can establish and maintain a deep and respectful contact with the patient	K.01.
EK_10	he is guided by the good of the patient, placing them in the first place	K.02.

3.3 CONTENT CURRICULUM (filled by the coordinator)

A. Lectures

Course contents
Selected issues in the pathology of pregnancy
Urgent conditions in obstetrics and gynecology
Selected issues of conservative gynecology.
Newborn pathology.
Conditions of life threat in gynecology and obstetrics.
Selected issues of pregnancy pathology.
Internal diseases in pregnant women.
Childbirth and pathology.

B. Exercises

Course contents
Exercises on the phantom - delivery in the longitudinal position of the head, the front and posterior occipital position, high straight head, non-axial head position, birth in deflected position, incision and sewing crotch, childbirth using obstetric vacuum and obstetric forceps, manual extraction of the placenta, delivery in the pelvic position, control cervix and uterine cavity, cervical stitching, examination nipples.
Examination of the obstetrician, assessment of the boundaries of puerperal physiology.
Independent interview and physical examination of a gynecologically ill patient
Independent interview and physical examination of a pregnant patient
Pregnancy ultrasound examination, hSG - study show
Exercises at the Department of Pregnancy Pathology - a demonstration of a pregnant gynecological examination - an external examination and internal, KTG testing

Exercises in the Operating Room - active assistance for gynecological procedures
Exercises at the Oncological Gynecology Ward and Conservative Gynecology - an independent gynecological examination, discussion of qualifications for gynecological procedures
Exercises in the delivery room - demonstration of a natural and complicated birth. Active student support for Caesarean section.
Exercises in the delivery room - handling a newborn baby.
Exercises on the phantom - childbirth complicated.
Examination of the obstetrician, assessment of the boundaries of puerperal physiology.

C. Seminars

Course contents
Acute surgical and gynecological belly - diagnosis, differentiation and management.
Danger conditions of pregnant life - rules of conduct. Causes of deaths of women in time pregnancy.
Methods of obstetric supervision
Gynecological procedures and operations. The scope of malignant and non-malignant tumors.
Uterine cancer and vulvar cancer.
Cervical cancer. Diagnosis of diseases of the cervix.
Ovarian cancer - epidemiology, diagnostics and treatment.
High-risk pregnancy - diabetes, hypertension, serological conflict.
High-risk pregnancy - premature birth, cervical insufficiency.
High-risk pregnancy - prenatal diagnosis, genetic defects, fetal infection, PROM.
A newborn baby born prematurely. A newborn baby born in a serious condition.
Infections of the female genital organs. Sexually transmitted diseases.
The most common problems and intraoperative complications in gynecology
Fetal structural defects. Modern methods of intrauterine treatment of fetal defects. Conditions of life threat, hypertension as a risk factor for mother and fetus.
Contraception. Family planning methods.

3.4 TEACHING METHODS

Lecture: multimedia presentation.

Conversational exercises: Case analysis

Seminar: Multimedia presentation, discussion

Student's own work: work with a book

4 METHODS AND EVALUATION CRITERIA

4.1 Methods of verification of learning outcomes

Symbol of effect	Methods of assessment of learning outcomes (Eg.: tests, oral exams, written exams, project reports, observations during classes)	Form of classes
EK_01 EK_02	Written test	Lecture, Seminar
EK_03- EK_10	Practical pass	Exercises, Seminar

4.2 Conditions for completing the course (evaluation criteria)

Exercises, seminars:

1. full participation and activity in the exercises
2. written partial credits

Range of ratings: 2.0 - 5.0

Lectures:

1. test pass and open questions:

A: Questions in the field of messages to remember; B: Questions in the field of speech to understand;

C: Solving a typical written task;

D: Solving an atypical writing task;

- for insufficient solution of tasks only from areas A and B = grade 2.0

- for solving tasks only from areas A and B, the possibility of obtaining max. rating 3.0

- for solving tasks from the area A + B + C, the possibility of obtaining max. evaluation 4.0

- for the solution of tasks in the area A + B + C + D, the possibility of obtaining a rating of 5.0

Knowledge assessment (EK_01, EK_02):

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 (EK_03-EK_07):

Practical pass

5.0 - the student actively participates in classes, is well prepared, knows the reproductive functions of women very well, related disorders and diagnostic and therapeutic procedures, correctly recognizes signs and symptoms indicative of 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 women, the related disorders and diagnostic and therapeutic procedures, recognizes signs and symptoms indicating abnormal pregnancy
2.0 - the student passively participates in the classes, the statements are incorrect substantive, do not know the reproductive functions women, disorders related to them, as well as diagnostic and therapeutic procedures, incorrectly recognizes subjective symptoms

and subjective evidence of abnormal pregnancy

5. Total student workload required to achieve the desired result in hours and ECTS credits

Activity	Hours / student work
Hours of classes according to plan with the teacher	105
Preparation for classes	20
Participation in the consultations	2
The time to write a paper / essay	-
Preparation for tests	25
Participation in colloquia	1
Other (e-learning)	-
SUM OF HOURS	153
TOTAL NUMBER OF ECTS	6

6. TRAINING PRACTICES IN THE SUBJECT / MODUL

Number of hours	-
Rules and forms of apprenticeship	-

6. LITERATURE**READING:**

1. Położnictwo i ginekologia tom 1-2, dodruk z 2012 r., Grzegorz Bręborowicz, Wydawnictwo Lekarskie PZWL, 2005
2. Położnictwo tom 1-4, Grzegorz Bręborowicz, Wydawnictwo Lekarskie PZWL, 2012
3. Ultrasonografia w położnictwie i ginekologii Callena tom 1-4
4. Ginekologia kliniczna Tom 1, 2 i 3, Eric J. Bieber, Joseph S. Sanfilippo, Ira R. Horowitz, red. wyd. pol. Romuald Dębski, Elsevier Urban & Partner, 2008
5. Diagnostyka prenatalna z elementami perinatologii, Mirosław Wielgoś, Via Medica, 2009,

Additional literature:

1. 100 rozpoznań - ginekologia (z serii Pocket Radiologist Top 100 diagnoses), Hedvig Hricak, Caroline Reinhold, Susan M. Ascher, red. wyd. pol. Monika Bekesińska-Figatowska, Romuald Dębski Medipage, 2010
2. Antykoncepcja, Metody - Zastosowanie – Poradnictwo, Karin Meisenbacher, red. wyd. pol. Tomasz Pertyński, Tomasz Zyss, MedPharm, 2008
3. Diagnostyka ultrasonograficzna wad płodu, Michael Entezami, Matthias Albig, Adam Gasiorek-Wiens, Rolf Becker Medipage, 2007.

Acceptance Unit Manager or authorized person