



I st Dept. of Obsterics and Gynaecology					30										
TOTAL per year:															
II nd Dept. of Obsterics and Gynaecology	35				30										
I st Dept. of Obsterics and Gynaecology					30										
Educational objectives (max. 6 items)															
C1 Obtaining a theoretical knowledge of the physiology and pathology of prenatal period, delivery and puerperium. Mastering the diagnostic tools in obstetrics and gynecology															
C2 Practical ability to conduct diagnostic and therapeutic process taking into account the differential diagnosis in the field of gynecology and obstetrics															
Education result matrix for module/course in relation to verification methods of the intended education result and the type of class															
Number of course education result	Number of major education result	Student who completes the module/course knows/is able to				Methods of verification of intended education results (forming and summarising)				Form of didactic class <i>**enter the abbreviation</i>					
K 01	FW9	knows the reproductive functions of women, related disorders, and diagnostic and therapeutic procedures concerning in particular: a) the menstrual cycle and it's disorders, b) pregnancy, c) the physiological and pathological delivery and postpartum period, d) inflammatory and oncological diseases of the genital tract , e) birth control, f) menopause, g) the basic methods of diagnosis and treatment in gynecology;				Pre-test, Final test, oral answer				L, CC					
U 01	FU 1	-carry out the medical history of the patient or his family; - perform a physical examination of the patient; - explains to the patient the essence of his ailments, determines the method of treatment confirmed by patient's consent and prognosis; - shows the patient				Final test, oral answer				CC					
U 02	FU 2														
U 03	FU 3														
U 04	FU 4														



U 05	FU 5	or his / her close health information;		
U 06	FU 6	- collects and secures the material for diagnostic tests, including cytological tests;		
U 07	FU 12	- interprets the results of additional research;		
U 08	FU 13	- monitor the postoperative period based on vital life parameters;		
U 09	FU 14	- recognize the signs and symptoms of abnormal pregnancy (abnormal bleeding, uterine contractions);		
U 10	FU 15	- interprets the results of the physical examination of a pregnant women (blood pressure, maternal and fetal heart rate), and laboratory findings indicative of pathologies of pregnancy;		
U 11	FU 16	- interprets cardiocography (CTG) records;		
U 12	FU 17	- recognize beginning of delivery and it's abnormal duration;		
U 13	FU 18	- interprets the signs and symptoms of a physiological and pathological postpartum period;		
		- knows recommendations, indications and contraindications for the use of contraceptive methods;		
<p>** L - lecture; SE - seminar; AC – auditorium classes; MC – major classes (non-clinical); CC – clinical classes; LC – laboratory classes; SCM – specialist classes (magister studies); CSC – classes in simulated conditions; FLC – foreign language course; PCP practical classes with patient; PE – physical education (obligatory); VP – vocational practice; SS – self-study, EL – E-learning .</p>				
<p>Please mark on scale 1-5 how the above effects place your classes in the following categories: communication of knowledge, skills or forming attitudes: Knowledge: 5 Skills: 5</p>				
Student's amount of work (balance of ECTS points)				
Student's workload (class participation, activity, preparation, etc.)			Student Workload (h)	
1. Contact hours:			65	
2. Student's own work (self-study):			21	
Total student's workload			86	
ECTS points for module/course			2,5	
Comments				
<p>Content of classes (please enter topic words of specific classes divided into their didactic form and remember how it is translated to intended educational effects)</p>				



Lectures

Selected issues in the particular scope of obstetrics and gynecology. Use of drugs in pregnancy; Use of drugs in lactation; Term of childbirth; Fetal macrosomia; Inhibition of fetal growth; Multiple pregnancy; Pelvic position; Ectopic pregnancy; Evaluation of fetal well-being; Vaginal biocenosis - risk of infection; Caesarean section - techniques, indications

1. Anatomy and function of female genitals and breast.
2. Main directions of reproduction - structure of the gametes, fertilization and early phases of embryogenesis.
3. Structure and function of the placenta. Composition and amount of amniotic fluid.
4. Diagnosing early and late pregnancy. Physiological changes in the body of a pregnant woman.
5. Main directions of prenatal care-auxiliary research and their interpretation.
6. Stages II of childbirth.
7. Intrauterine fetal care.
8. Puerperium and breastfeeding - physiological changes and normal course of perinatal control.
9. Major problems related to high-risk pregnancy: pathologies related to pregnancy, diseases occurring during pregnancy.
10. Postterm pregnancy. Premature birth.

Seminars

Practical classes

The purpose of the exercise is to familiarize students with the specificities of work in the gynecological and obstetric ward working in the continuous mode of 24-hour duty. During the gynecology-obstetric classes students learn theoretical material and, if possible, practical skills in the field of pregnancy and childbirth and selected cases of pregnancy pathology. During the exercises, students have the opportunity to observe natural birth, caesarean section and gynecological procedures. In addition, they have the possibility of obstetric and gynecological examination under the guidance of assistants

1. Physiological pregnancy: obstetric anamnesis, obstetrical examination, assessment of the cervix by Saling and Bishop score. Rules for keeping medical records of pregnant women. Purpose and interpretation of additional tests in uncomplicated pregnancy. Maternal genetic counseling - early diagnosis of fetal malformations. Malignant tumors of the female genital tract in pregnancy – screening, treatment options, mode of delivery

2. Methods for the assessment of fetal well-being: Cardiotocography (CTG) antenatal and intrapartal - interpretation of the record (short term variability, accelerations, decelerations).

Non-stress test (NST) and stress test (OCT) in the evaluation of placental function. Ultrasound in obstetrics (USG) - fetal biometry, assessment of the maturity of the placenta and the amount of amniotic fluid, the Manning test, diagnosis of fetal malformations. Amnioscopy and amniocentesis - indications, interpretation of the results and related complications.

3. Physiological delivery: preparing for vaginal birth. The mechanism of birth in cephalic presentation. Management of the first stage of delivery – assessment of uterine contractions, progress of labor, fetal heart monitoring, analgesia.

Management of the second stage of delivery - the conditions necessary for fetal expulsion, episiotomy. Management of the third stage of delivery - symptoms of separating of the placenta, assessment of the placenta, birth canal and postpartum bleeding.

4. Rhesus incompatibility - etiology, diagnosis, treatment, prevention. Multiple pregnancy - diagnosis, mode of delivery. Cervical insufficiency – etiology, diagnosis, treatment

5. Post-term pregnancy, preinduction and induction of labor. Preterm delivery - causes, diagnosis,



treatment (tocolitics drugs, delivery of a preterm fetus). Threatening intra-uterine fetal asphyxia-causes, diagnosis and treatment during pregnancy and childbirth.	
Other	
Basic literature (list according to importance, no more than 3 items) 1. Bankowski „John Hopkins Manual of Obstetrics and Gynecology” 2. Berek „ Novak’s Gynecology” 3. Brian Magowan “Clinical Obstetrics and Gynaecology” Additional literature and other materials (no more than 3 items) 1. John Queenan “Fetal Medicine” 2. Catrina Bain, Kevin Burton, Jay McGavigan”Gynaecology Illustrated” 3. James Alexander „Obstetric Emergencies, An Issue of Obstetrics and Gynecology Clinics” 4. Jason Abbott, Lucy Bowyer, Martha Finn „Obstetrics and Gynaecology an evidence-based guide” 5. Nick Panay MD. “Crash Course: Obstetrics & Gynaecology”	
Didactic resources requirements (e.g. laboratory, multimedia projector, other...) Projectors, multimedia projectors, computers, phantoms	
Preliminary conditions (minimum requirements to be met by the student before starting the module/course) <i>Theoretical preparation</i>	
Conditions to receive credit for the course (specify the form and conditions of receiving credit for classes included in the module/course, admission terms to final theoretical or practical examination, its form and requirements to be met by the student to pass it and criteria for specific grades) Final test in the end of the classes and presence on the classes;	
Grade:	Criteria (only for courses/modules ending with an examination)
Very Good (5.0)	
Good Plus (4.5)	
Good (4.0)	
Satisfactory Plus (3.5)	
Satisfactory (3.0)	



Name and address of module/course teaching unit, contact: telephone and e-mail address

II nd Dept. of Obstetrics and Gynaecology
ul. Borowska 213
50-556 Wrocław
joanna.lewandowska@umed.wroc.pl , 71/733-14-97
I st Dept. of Obstetrics and Gynaecology
ul. Chałubińskiego 3
50-368 Wrocław

Coordinator / Person responsible for module/course, contact: telephone and e-mail address

Dr hab. Jerzy Florjański
71/733-14-97
jerzy.florjanski@umed.wroc.pl

List of persons conducting specific classes: full name, degree/scientific or professional title, discipline, performed profession, form of classes.

All the academic teachers and PhD students from 1st and 2nd department of Obstetrics and Gynaecology Wrocław Medical University

Date of Syllabus development

Syllabus developed by

.....

.....

Signature of Faculty Dean

.....
Prof. Andrzej Hendrich, PhD

Signature of Head of teaching unit

II KATEDRA I KLINIKA
GINEKOLOGII I POŁOŻNICTWA
kierownik

.....
prof. dr hab. n. med. Mariusz Zimmer