



DISCIPLINE SHEET

1. Data about the programme

1.1.	“CAROL DAVILA” UNIVERSITY OF MEDICINE AND PHARMACY
1.2.	FACULTY OF MEDICINE
1.3.	DEPARTMENT: Clinical Department 13
1.4.	DISCIPLINE: Obstetrics and Gynecology – Prof. Dr. Panait Sîrbu
1.5.	DOMAIN OF STUDY: HEALTH – Sectorally regulated within the European Union
1.6.	STUDY CYCLE: Undergraduate (Bachelor’s Degree)
1.7.	STUDY PROGRAMME: MEDICINE

2. 2. Data about discipline

2.1.	Name of the discipline in the educational plan: Obstetrics and Gynecology				
2.2.	Discipline code: SD VI 7M				
2.3.	Discipline type (FD/SD/CD): SD				
2.4.	Discipline regimen (MD/OPD/): OPD				
2.5.	The holder of the course activities				
2.6.	The holder of the seminar activities :				
2.7. Year of study	VI	2.8. Semester	I-II	2.9. Type of evaluation (E/C)	E

3. Total estimated time (hours/semester of didactic activity an self preparation/study

I. Academic training (teaching, practical application, assessment)						
3.1. Nr hours/week	25	From which:	3.2. lecture	10	3.3. seminary/ laboratory	15
3.4. Total hours of educational plan	140	From which:	3.5. lecture	56	3.6. seminary/ laboratory	84
Evaluation (nr. of hours) : 7						
II. Self preparation/study						
Time allocation						hours
Study of course materials, textbooks, books, study of the recommended minimal bibliography						20
Additional research in the library, research through the internet						20
Performing specific activities for preparing projects, laboratories, elaborating reviews or other tasks						20
Specific preparation activities for projects, laboratory work, assignments, and reports						20
Tutoring						20
Other activities						40
3.7. Total individual study hours						140
3.9. Total hours per semester (3.4.+ 3.7.)				280		
3.10. Number of credits				6		

4. Preconditions (where applicable)

4.1. of curriculum	Fundamental knowledge of anatomy and physiology of the female genital tract
4.2. of competences	General knowledge of medical evaluation

5. Conditions (where applicable)

5.1. to conduct the lecture	PowerPoint presentations, use of multimedia systems, and projector
5.2. to conduct the seminar / laboratory	Equipped with the necessary apparatus for conducting practical activities

6. Learning outcomes

Knowledge	Skills	Responsibility and autonomy
<input type="checkbox"/> Main disorders in Obstetrics and Gynecology <input type="checkbox"/> Diagnostic principles and treatment guidelines for gynecological conditions <input type="checkbox"/> Diagnostic principles and treatment guidelines in Obstetrics	<ul style="list-style-type: none"> • Perform clinical examination of pregnant patients • Perform clinical examination of patients with gynecological disorders • Interpret clinical and imaging findings in Obstetrics and Gynecology • Perform basic obstetrical maneuvers • Identify stages and phases of labor • Recognize indications for cesarean section 	<input type="checkbox"/> Ability to work effectively in a medical team <input type="checkbox"/> Communicate adequately with patients and relatives <input type="checkbox"/> Demonstrate empathy and professional ethics <input type="checkbox"/> Manage professional projects and clinical cases <input type="checkbox"/> Apply practical and team-based approaches in complex obstetric-gynecological cases

7. Course objectives (aligned with the learning outcomes)

7.1. General objective	<p>By the end of the course, the student should:</p> <ul style="list-style-type: none"> • Understand the main disorders in Obstetrics and Gynecology • Know the diagnostic principles and treatment guidelines for gynecological disorders • Understand diagnostic principles and treatment guidelines in Obstetrics • Perform obstetrical maneuvers • Identify stages and phases of labor <p>Recognize indications for termination of pregnancy by cesarean section</p>
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7.2. Specific objective	By the end of the course, the student should be able to: <ul style="list-style-type: none"> • Examine a pregnant patient • Examine patients with gynecological disorders • Interpret clinical and imaging findings in Obstetrics and Gynecology • Perform obstetrical maneuvers • Know the stages and phases of l
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8. Contents

8.1. Lecture	Teaching methods	Observations
1. Brief history. Gametogenesis. Ovulation. Fertilization. Implantation. Placentation. Placental physiology	Power Point presentation	2h
2. Maternal physiology – adaptive changes during pregnancy	Power Point presentation	2h
3. Prenatal diagnosis – principles and methods, fetal anomalies, malformation syndromes	Power Point presentation	2h
4. Labor mechanisms – uterine contraction, mechanism of delivery, stages of labor.	Power Point presentation	2h
5. Dystocia: dynamic and bony	Power Point presentation	2h
6. Breech, transverse and deflexed presentations – types, positions, varieties	Power Point presentation	2h
7. Hemorrhage in early pregnancy – miscarriage, ectopic pregnancy, gestational trophoblastic disease	Power Point presentation	2h
8. Hemorrhage in late pregnancy – placenta previa, abruptio placentae, uterine rupture	Power Point presentation	2h
9. Pathological puerperium – postpartum hemorrhage, infections	Power Point presentation	2h
10. Preterm labor. Prolonged pregnancy	Power Point presentation	2h
11. Gestational hypertension. Amniotic fluid disorders	Power Point presentation	2h
12. Intrauterine growth restriction, acute fetal distress, intrauterine fetal	Power Point presentation	2h

death		
13. Multiple pregnancy. Rh and blood group incompatibility	Power Point presentation	2h
14. Infectious diseases in pregnancy	Power Point presentation	2h
15. Maternal comorbidities in pregnancy	Power Point presentation	2h
16. Menstrual cycle. Menstrual disorders	Power Point presentation	2h
17. Lower genital tract infections. Pelvic inflammatory disease	Power Point presentation	2h
18. Urinary incontinence. Pelvic organ prolapses	Power Point presentation	2h
19. Uterine fibroids. Uterine malformations	Power Point presentation	2h
20. CIN and cervical cancer	Power Point presentation	2h
21. Endometrial cancer. Endometriosis	Power Point presentation	2h
22. Ovarian tumors – benign and malignant	Power Point presentation	2h
23. Benign and malignant breast pathology	Power Point presentation	2h
24. Female infertility and assisted reproduction techniques	Power Point presentation	2h
25. Puberty and menopause	Power Point presentation	
8.2. Laboratory/ Practical Work	Teaching method	Observations
Clinical observation sheet in Obstetrics and Gynecology. Breast and axillary examination	PowerPoint + bedside teaching	2h
Anatomy and embryology of the genital tract	PowerPoint + bedside teaching	2h
Obstetrical pelvis. Fetal skull	PowerPoint + bedside teaching	2h
Definition, signs, and diagnosis of pregnancy	PowerPoint + bedside teaching	2h
Management of labor in cephalic presentation	PowerPoint + bedside teaching	2h
Management of labor in breech presentation	PowerPoint + bedside teaching	2h
Delivery of the placenta. Postpartum hemorrhage	PowerPoint + bedside teaching	2h
Perineotomy. Episiotomy	PowerPoint + bedside teaching	2h
First and second trimester ultrasound markers	PowerPoint + bedside teaching	2h
Ultrasound diagnosis in trimesters I, II, and III	PowerPoint + bedside teaching	2h
Fetal monitoring	PowerPoint + bedside	2h

	teaching	
Chorionic villus sampling. Amniocentesis	PowerPoint + bedside teaching	2h
Fetal malformations	PowerPoint + bedside teaching	2h
Cesarean section	PowerPoint + bedside teaching	2h
Puerperium supervision. Puerperal pathology. Infection	PowerPoint + bedside teaching	2h
Prenatal consultation. Teratogenic drugs in pregnancy	PowerPoint + bedside teaching	2h
High-risk pregnancy management	PowerPoint + bedside teaching	2h
Vaginal microbiota. Vaginitis. Vaginosis. Cytology	PowerPoint + bedside teaching	2h
Diagnostic algorithms for cervical lesions. HPV infection	PowerPoint + bedside teaching	2h
Diagnostic algorithm for abnormal uterine bleeding	PowerPoint + bedside teaching	2h
Diagnostic algorithm for urinary incontinence in women	PowerPoint + bedside teaching	2h
Diagnostic algorithm for couple infertility	PowerPoint + bedside teaching	2h
Contraception. Family planning	PowerPoint + bedside teaching	2h
Preoperative preparation for gynecological interventions. Surgical techniques and principles in Obstetrics and Gynecology	PowerPoint + bedside teaching	2h
<i>One practical session will take place at the “Digital Training Center for Minimally Invasive and Interventional Treatment” (Thomas Masaryk Street, no. 19), funded through the EU project e-PNRR: 2009669020, equipped with medical simulators – Ultrasound Mentor (general ultrasound simulator), BodyWiz (virtual anatomy table), and Samed (hysteroscopy simulator with workstation).</i>	PowerPoint + bedside teaching	2h

Recent Bibliography

- <i>Obstetrics, Gynecology and Neonatology Course</i> , Carol Davila University Press
- <i>Williams Obstetrics</i> , Romanian Edition, Hipocrate Publishing
- <i>Williams Gynecology</i> , Romanian Edition, Hipocrate Publishing

9. Evaluation

Activity type	9.1. Evaluation criteria	9.2. Evaluation methods	9.3. Percentage in the final grade
9.4. Lecture	Knowledge of theoretical concepts	Multiple-choice written exam with 60 questions (50 in Obstetrics and Gynecology, 10 in Neonatology) – single correct answer	100 %
9.5. Seminary/ practical activity	Ability to perform basic clinical and treatment maneuvers; ability to interpret clinical and imaging findings	Practical examination with the group assistant or the Head of Discipline	Pass/Fail
9.5.1. Individual project (if applicable)	-	-	-
9.6. Minimum performance standard – Minimum 50% in each evaluation component			

Date of completion:
30.09.2025

Signature of the course holder

Signature of the laboratory holder

Date of approval by the Department Council:
1.10.2025

Signature of the Department Director