



DISCIPLINE SHEET

1.-Info about the program

FOUNDATION FOR DEVELOPMENT AND MANAGEMENT		
1.2-Faculty	FACULTY OF MEDICINE	
1.3-Departament	Clinical/Specialization Discipline	
1.4-Study domain	Health	
1.5-Study cycle	Bachelor	
1.6-Study program/ Calification	Medicine-English	

2.-Info about discipline

2.1- Name of the discipline				OBSTETRICS AND GYNECOLOGY				
2.2-Course lecturer				Lect. Dr. GHEORGHITA (BUTA) Anda-Mariel , MD, PhD				
2.3-Seminary lecturer				Lect. Dr. GHEORGHITA (BUTA) Anda-Mariel , MD, PhD				
2.4-Year of study	VI	2.5 Semester	I	2.6 Evaluation type	Exam	2.7. Discipline regime	Content	DS
							Mandatory	DOB

3. -Total time (hours of didactic activity per semester)

3.1-Number of hours per week	6	3.2 -course	2	3.3- laboratory	4
3.4-Total hours of the curriculum	84	3.5 -course	28	3.6 -laboratory	56
Distribution of time					Hours
Study after manual, course support, bibliography and note5					30
Additional documentatin in the library, on the specialized electronic platforms and on the field					25
Training seminars/laboratories/projects, themes, papers,portofolios and essays					5
Tutoring					-
Examination					1
Other activities					5
3.7-Individual study hours	66				
3.8-Total hours per semester	150				
3.9-Credit number	6				

4.-Preconditions (if applicable)

4.1.-Curriculum	Anatomyand Embriology, Physiology, Biochemistry, Parasitology, Morphopathology, Pathophysiology
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4.2.-Learning Outcomes	Interpretation of ECG, analysis report, chest X-ray
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5.-Conditions (where applicable)

5.1. -Course Conduct	Classroom equipped with laptop and video projector.
5.2.-conducting the seminar/laboratory	Not the case

6. Learning outcomes

Knowledge	Describes, identifies and evaluates physiological and pathological processes related to human reproduction, development and pediatric pathology, specific clinical and surgical interventions for supporting the health and treatment of pregnant women, newborns and children.
Skills	Demonstrates, interprets, and applies appropriate clinical and surgical methods to support the health of pregnant women, children, and newborns and to prevent, diagnose, treat, and monitor conditions associated with reproduction and pediatric development.
Responsibilities and autonomy	Plans, supports and coordinates, under appropriate supervision, medical and surgical interventions to ensure the health of the mother and child, assuming responsibility and integrating interdisciplinary collaboration.

7.-Objectives of the discipline (resulting from the grid of specific skills accumulated)

7.1 -General objective of the discipline	o-Acquisition of basic concepts in obstetrics related to pregnancy, childbirth and labor, current information about gynecological diseases or contraception;
7.2- Specific objectives	o-To acquire knowledge regarding the diagnosis and treatment of dental diseases in pregnancy and dementia, as well as the particularities of dental treatment in pregnancy and dementia.



8.-Contents

8. 1-Course (homework, number of hours, bibliography)	hours /2 week	Teaching methods
1.-Historical marks and important eventfull data in obstetrics and gynecology.Female genital anatomy of the organs. Female genital physiology.	2	Oral presentation, Modern technologies: PowerPoint presentation, Multimedia means Teaching style: interactive. Teaching methods: lecture-debate (alternating exposition and explanations with questions, visual exemplification)
2.-Physiopathology in obstetrics Gametogenesis. Fertility. Migration and segmentation. Implantation. Egg development	2	
3.-Fetal appendages: placentation, placental functions (transport, endocrine, immunological aspects), pathology of the membrane, amniotic fluid, umbilical cord.	2	
4.-Term pregnancy: normal fetal development,fetal malformations and genetic screening: trisomy 21 syndrome, neural tube defects, congenital heart diseases,immune and nonimmune fetal hydrops	2	
5.-Physiological pregnancy: normal parameters and changes in the mother's body during pregnancy, how to diagnose correctly an uterine pregnancy, types of fetal presentations.	2	
6.-Normal birth: prelabor period, phisiological induced birth , stages of labor, fetal monitorisation :cardiotocography.	2	
7.-Ectopic pregnancy. Antepartum obstetrical hemorrhagic episodes in the second half of pregnancy. Preterm birth.	2	
8.-Prolonged pregnancy.	2	
9.-Fetal anemia. Twin pregnancy	2	
10.-Postpartum period: involution of the uterus, lactation, lochia, puerperal infections,	2	
11.-Major obstetrical pathologies: pregnancy-induced hypertension – gestational hypertension, preeclampsia,	2	
12.-Obstetrical pathologies: eclampsia, premature birth, placenta praevia, uterine rupture	2	
13.-Obstetrical pathologies - fetal distress, intrauterine death, intrauterine growth restriction	2	
14.-Obstetrical pathologies - pregnancy and gestational diabetes, type I and II dyabetes in pregnancy, maternal anemia in pregnancy.	2	
15.-Signs and symptoms in gynecology	2	
16.-Biological stages of the woman	2	
17.-Pathology of the menstrual cycle	2	



18.-Uterine fibromatosis, adenomyosis and benign endometrial pathology.	2	
19.-Pelvic static disorders and genital inflammation and infections	2	
20.-Infertility-definition,diagnostics,treatment options.	2	
21.-Cervical cancer pathology.	2	
22.-Adnexal inflammatory and benign pathologies of the ovary and tube.Pelvic endometriosis	2	
23.-Ovarian cancer	2	
24.-Laparoscopy and hysteroscopy in gynecology.	2	
25.-Contraceptive methods and family planning,	2	
26.-Benign breast pathologies. Breast Cancer	2	
27.-Endometrial Cancer	2	
28.- Premature birth, post-term pregnancy, premature rupture of membranes (PROM)	2	
Bibliography		
1. -Williams Manual of Obstetrics, McGraw Hill, Medical Publishing House. 2.-Joan Pitkin, Alison Peattie, Brian Magowan - Obstetrics and Gynecology, Churchill Livingstone. 3.-Derek Llewellyn-Jones - Fundamentals of Obstetrics and Gynaecology, Mosby Elsevier. 4.-Callahan TL, Caughey AB - Obstetrics and Gynecology, Wolters Kluver/Lippincott Williams & Wilkins. 5. -Latha Ganti, David Lebowitz, Javier Rosario, Ariel Vera, STEP-up to USMLE, Step 2 CK, Wolters Kluver, 5th edition, 2020. 6. Demetra Socolov, Mihaela Grigore, Dragos Nemescu, Razvan Socolov- Ginecologie, Editura Gr. T. Popa, 2020, ISBN 978-606-544-824-7 7. Demetra Socolov, Mihaela Grigore, Dragos Nemescu- Lucrari practice de obstetrica si ginecologie: manual pentru studenti si rezidenti, Editura Gr. T. Popa, 2024, ISBN 978-606-544-962-6		
8. 2- Seminar (themes, number of hours, bibliography	hours /week	Teaching methods
1-2.-Observation sheet in O-G .Anatomy of the internal and external genital organs.	4	Clinical Presentations Discussions Video Material Presentation Patient Examination
3-4.- The pelvic bones and obstetrical diameters in labor . Internal and external pelvimetry; obstetric examination technique; Leopold technique.Clinical and paraclinical diagnosis of pregnancy; How to diagnose and date correctly a viable pregnancy.	4	
5-6.-Monitoring of normal and high-risk obstetric pregnancies.Presentations and fetal positions. Normal labor	4	



7-8.-Monitorisation of the pregnant woman in labor. Cardiotocography. Birth mechanism in eutocic cranial presentation	4	
9-10.-Mechanism of birth in distocic cranial presentations .Mechanism of birth in pelvic presentation	4	
11-12.-Diagnosis and obstetrical attitude of the birth in transverse presentation. Blrth plan in twin pregnancy	4	
13-14.-Diagnosis and obstetrical plan of action in prolonged overdue pregnancy.Placenta in term pregnancies;pathology of the amniotic fluid; investigations for spontaneous rupture of the membranes; Amniocentesis - principles	4	
15-16.-Ultrasound in OG.Fetal ultrasound morphologies according to trimester. Active induction of labor.	4	
17-18.-Analgesia and anesthesia in OG. of shock in OG: septic and hypovolemic shock and obstetrical attitude	4	
19-20.- Instrumentally assisted birth in OG-vidextraction and forceps.Perineotomy, perineorhaphy, trachelorrhaphy(suturing the cervix rupture)	4	
21-22.-Obstetrical maneuvers: external version, internal version, large and small extraction.Caesarean section	4	
23-24.-Diagnosis and attitude in fetal distress (nonstress test correlated with ultrasound and cardiotocography).Medications and contraindications in pregnancy according to certain trimester	4	
25-26.-Modern Investigations in OG (Laparoscopy, Hysteroscopy, MRI, genetic testing, immunology).Hormone treatment in OG	4	
27-28.-Family planning.Cervical, endometrial and ovarian cancer detection, breast cancer screening	4	
<p>Bibliography</p> <ol style="list-style-type: none"> 1. -Williams Manual of Obstetrics, McGraw Hill, Medical Publishing House. 2.-Joan Pitkin, Alison Peattie, Brian Magowan - Obstetrics and Gynecology, Churchill Livingstone. 3.-Derek Llewellyn-Jones - Fundamentals of Obstetrics and Gynaecology, Mosby Elsevier. 4.-Callahan TL, Caughey AB - Obstetrics and Gynecology, Wolters Kluver/Lippincott Williams & Wilkins. 5. -Latha Ganti, David Lebowitz, Javier Rosario, Ariel Vera, STEP-up to USMLE, Step 2 CK, Wolters Kluwer, 5th edition, 2020. 6.- Demetra Socolov, Mihaela Grigore, Dragos Nemescu, Razvan Socolov- Ginecologie, Editura Gr. T. Popa, 2020, ISBN 978-606-544-824-7 		



7. -Demetra Socolov, Mihaela Grigore, Dragos Nemescu- Lucrari practice de obstetrica si ginecologie: manual pentru studenti si rezidenti, Editura Gr. T. Popa, 2024, ISBN 978-606-544-962-6

9.-Corroborating/validating the contents of the discipline with the expectations of the representatives of the epistemic community, professional associations and employers representative of the field related to the program

The contents of the discipline are in accordance with the RNCIS standards.

10.-Evaluation

Activity Type	10.1-Evaluation criteria	10.2-Evaluation methods	10.3-Weight of the final grade
10.4-Curse	The theoretical exam from the courses	Written exam	50%
10.5-Seminar/laboratory	- Oral, powerpoint presentation	Project presentation	10%
	Participation in the seminar	Periodic testing through test sheets, Evaluation of students' practical skills through grades	10%
	Practical exam	Practical application	30%
10.6 -Minimum Performance Requirement			
Attendance at the course, practical work or on-call -Normal birth - Pathological birth			



Date: 25.04.2025	Signature of the discipline coordinator: Lect. Dr. GHEORGHITA (BUTA) Anda-Mariela , MD, PhD	Holder of the seminar activities: Lect. Dr. GHEORGHITA (BUTA) Anda-Mariel , MD, PhD
Date of approval in the Department		
Signature of the Director of Department		

Reprezentant legal F.D.M.
Presedinte
Prof. Univ. Dr. POSTĂVARU Nicolae