

COURSE INFORMATION					
Course Title	Code	Semester	L+P+L Hour	Credits	ECTS
Obstetrics & Gynecology (Clinical Clerkship)	MED 403	4/7-8	53+105	9	9*

\* ECTS credits are the university credits of the courses in Yeditepe University, Faculty of Medicine, Undergraduate Medical Education Program

<b>Prerequisites</b>	Phase III MED (MED 302, MED 303)
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<b>Language of Instruction</b>	English / Turkish
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<b>Course Level</b>	Bachelor's Degree
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<b>Course Type</b>	Compulsory Professional/Clinical Clerkship (Professional and Clinical Skills: clinical skills performance at introductory clerkship level)
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<b>Course Coordinator</b>	<b>Erkut Attar MD, PhD, Prof.</b>
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<b>Instructors</b>	<b>Orhan Ünal MD, Prof. Rukset Attar MD, Prof. Gazi Yıldırım MD, Prof. Tanju Demirören, M.D., Assist. Prof. Petek Uzuner M.D., Assist. Prof. Mert Yeşiladalı, M.D., Assist. Prof. Melis Gökçe Koçer Yazıcı, M.D., Assist. Prof. Oya Alagöz M.D., Assist. Prof. Sultan Can M.D.</b>
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<b>Assistants</b>	
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<b>Goals</b>	<p>After this program students are expected to be competent to:</p> <ul style="list-style-type: none"> <li>• Do follow up of normal pregnancy period,</li> <li>• Order necessary medical tests in pregnancy.</li> <li>• Detect fetal cardiac activity (fca)</li> <li>• Perform antenatal tests like non-stress test (nst) and cst,</li> <li>• Evaluate results.</li> <li>• Follow and examine normal spontaneous vaginal birth,</li> <li>• Detect complications of birth.</li> <li>• Detect high risk pregnancies</li> <li>• Detect ectopic pregnancies,</li> <li>• Make differential diagnosis in acute abdominal pain.</li> <li>• Guide patients about appropriate usage of family planning and contraception methods</li> <li>• Provide consultancy to patients about family planning and contraception methods' usage</li> <li>• Recognize emergency patients' referral conditions</li> <li>• Refer patient safely to appropriate center upon indication</li> <li>• Refer high-risk pregnancies to secondary or tertiary reference centers</li> <li>• Refer patients with menopause or osteoporosis to appropriate center upon indication</li> <li>• Provide consultancy to patients about teratogenicity effects in pregnancy.</li> <li>• Provide consultancy to patients about breast and cervix cancer screening.</li> </ul>
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Learning Outcomes	Programme Learning Outcomes	Teaching Methods	Assessment Methods
<b>Knowledge</b>			
Explain antenatal tests	PO.1.1.10	1,2,3,12	A,C
Describe normal spontaneous vaginal delivery	PO.1.1.3.		
Discuss pathological situations about birth	PO.1.1.6.		
Interpret high risk pregnancy	PO.1.1.3		
Identify ectopic pregnancy	PO.1.1.6.		
Predict teratogenic effects of drugs	PO.1.1.9		
List contraceptive methods	PO.1.1.1		
Categorize non-stress test results	PO.1.1.8.		
Explain screening methods for gynecological cancers	PO.1.1.1		
Decide vulvovaginitis type and select treatment	PO.1.1.9.		
List causes and of abnormal uterine bleeding and their treatment	PO.1.1.3		
Describe management of endometriosis and polycystic ovary syndrome	PO.1.1.8		
Outline causes of infertility	PO.1.1.3.		
<b>Skills</b>			
take medical history about female genital system,	PO.1.1.4.	1,2,3,12	A,C
perform a systemic physical examination including female genital system	PO.1.1.5		
do a pap smear test	PO.1.1.7		
perform breast and cervix cancer screening tests	PO.1.1.7		
order menopause and osteoporosis screening tests	PO.1.1.7		
conduct a non stress test	PO.1.1.10		
manage common gynecological and obstetric emergencies	PO.1.1.9		
<b>Attitudes</b>			
Approach with right attitude to Patients and their relatives	PO.2.5.1.	1,2,3,12	A,C
value doctor-Patient communication and Patient privacy	PO.2.5.2		
inform Patient and Patients' relatives with respect	PO.2.5.4		

<b>Teaching Methods:</b>	1: Lecture, 2: Question-Answer, 3: Discussion, 9: Simulation, 12: Case Study
<b>Assessment Methods:</b>	A: Testing B: Presentation C: Homework

**COURSE CONTENT**

**Week Topics**

**Study Materials**

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	Monday	Tuesday	Wednesday	Thursday	Friday
09.00-09.50	Gynecology: and Overview Including Related Anatomy Mert Yeşiladali	Benign Disorders of Uterus, Fallopian Tubes and Ovaries Mert Yeşiladali	Multiple Pregnancies Rukset Attar / Sultan Can	Hematological Disorders and Pregnancy Petek F. Arıoğlu	Obstetric Ultrasound Examination Petek F. Arıoğlu
10.00-10.50	Gynecology: and Overview Including Related Anatomy Mert Yeşiladali	Benign Disorders of Vulva and Vagina Mert Yeşiladali	Perinatal Infections Gazi Yıldırım / Sultan Can	Hypertensive Disorders and Pregnancy Petek F. Arıoğlu	High-risk Pregnancy: an Overview Petek F. Arıoğlu
11.00-11.50	Obstetrics: an Overview Including Related Anatomy Erkut Attar / Sultan Can	Vulvo-Vaginitis Mert Yeşiladali	Rh Isoimmunisation Gazi Yıldırım / Sultan Can	Cardiovascular Diseases and Pregnancy Petek F. Arıoğlu	Clinical Embryology Oya Alagöz
12.00-13.00	Lunch	Lunch	Lunch	Lunch	Lunch
13.00-13.50	Normal Labor Melis G. K. Yazıcı	Anovulation Mert Yeşiladali	Evaluation of Infertile Couple Erkut Attar	Evidence Based Medicine: Approaching to Endometriosis Gazi Yıldırım	Hormonal Disorders and Pregnancy Melis G. K. Yazıcı
14.00-14.50	Abnormal Labor Melis G. K. Yazıcı	Ovarian Functions and its Neuro-Endocrine Control Erkut Attar	Assisted Reproductive Technologies Erkut Attar	Hirsutismus Gazi Yıldırım	Nutrition In Pregnancy and Pre-Gestational and Gestational Diabetes Melis G. K. Yazıcı
15.00-15.50	Operative Labor and Cesarean Section Rukset Attar	Evidence Based Medicine: Ovulation Induction Erkut Attar	Developmental Defects of the Female Reproductive Tract Erkut Attar	Gestational Trophoblastic Diseases Gazi Yıldırım / Sultan Can	Independent Learning
16.00-17:00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning
17.00-18:00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

Textbook, Lecture Notes, Checklists, Guidelines, Case Files

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Monday	Tuesday	Wednesday	Thursday	Friday
Perinatal Follow-Ups Tanju Demirören	Pre-invasive Cervical Neoplasm Orhan Ünal	Preterm Premature Rupture of Membranes Tanju Demirören	Gynecological Malignancies and Pregnancy Orhan Ünal	Clinical Experience
Antenatal Screening Tests and Prenatal Diagnosis Tanju Demirören	Cervix Carcinoma Orhan Ünal	Bleeding in the Third Trimester Rukset Attar / Sultan Can	Malignant Ovarian Tumors and Malignant Disorders of Fallopian Tubes Orhan Ünal	ÜMRANİYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology
Trombophilia and Pregnancy Tanju Demirören	Vulvovaginal Carcinoma Orhan Ünal	Evidence Based Approaching to the Postmenopausal Hormone Treatment Melis G. K. Yazıcı	Malignant Disorders of Uterus, Endometrium Carcinoma Orhan Ünal	
Lunch	Lunch	Lunch	Lunch	Lunch
Puerperium and Puerperal Infections Tanju Demirören	Complications of Early Pregnancy Rukset Attar	Pelvic Relaxation Gazi Yıldırım	Pediatric Gynecology, Puberty and Gynecological Disorders in Children and Adolescents Rukset Attar	Clinical Experience
Intrauterine Growth Restriction Tanju Demirören	Postpartum Bleeding Rukset Attar	Uro-Gynecology Gazi Yıldırım	Menstrual Disorders, Amenorrhea Rukset Attar	ÜMRANİYE TRAINING AND RESEARCH HOSPITAL Department of Obstetrics and Gynecology
Evidence Based Assessment of Fetal Well-Being Tanju Demirören	Ectopic Pregnancy Rukset Attar	A Gynecological Case Interactive Discussion Gazi Yıldırım	Abnormal Uterine Bleeding Rukset Attar	
Independent Learning	Independent Learning	Independent Learning	Independent Learning	

Textbook, Lecture Notes, Checklists, Guidelines, Case Files

	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning
3	Clinical experience – Ümraniye Training and Research Hospital				
4	Clinical experience – Ümraniye Training and Research Hospital				
5	Clinical experience – Ümraniye Training and Research Hospital				

<b>RECOMMENDED SOURCES</b>	
<b>Textbook</b>	1- William’s Obstetrics textbook 2- Berek Novak’s Gynecology textbook 3- Speroff Clinical Gynecologic Endocrinology 4- www.uptodate.com
<b>Additional Resources</b>	Lecture notes

<b>MATERIAL SHARING</b>	
<b>Documents</b>	Shared
<b>Assignments</b>	Shared
<b>Exams</b>	Not shareable

<b>ASSESSMENT</b>	
<b>Question Types (Pencil-Paper Tests)</b>	<b>Proportion (in Pencil-Paper Tests)</b>
Multiple Choice Questions	100%
Extended Matching Questions	0%
Key Features	0%
<b>Total</b>	<b>100%</b>
<b>Other Assessment Methods and Tools</b>	<b>Proportion (in Pass/Fail Decision)</b>
Oral Exam (OE)	50%
<b>Total</b>	<b>50%</b>
<b>Pass/Fail Decision</b>	<b>Proportion (in Pass/Fail Decision)</b>
Pencil-Paper Tests	50%
Other Assessment Methods and Tools	50%
<b>Total</b>	<b>100%</b>

**COURSE CATEGORY**

Compulsory

<b>COURSE'S CONTRIBUTION TO PROGRAMME</b>						
No	Program Learning Outcomes	Contribution				
		1	2	3	4	5
1	1.1.1				X	
2	1.1.2				X	
3	1.1.3			X		
4	1.1.4				X	
5	1.1.5				X	
6	1.1.6			X		
7	1.1.7				X	
8	1.1.8			X		
9	1.1.9			X		
10	1.1.10			X		

<b>ECTS ALLOCATED BASED ON STUDENT WORKLOAD BY THE COURSE DESCRIPTION</b>			
Activities	Quantity day	Duration (Hour)	Total Workload (Hour)
Course Duration (5 weeks)	25	6.5	162.5
Hours for off-the-classroom study (Pre-study, practice, review/week)	25	4	100
Homework	-	-	-
Exam	2	1	2
<b>Total Work Load</b>			264.5
<b>Total Work Load / 25 (h)</b>			8.81
<b>ECTS Credit of the Course</b>			9