

Medicine			
Bachelor	TR-NQF-HE: Level 7	QF-EHEA: Second Cycle	EQF-LLL: Level 7

## Course Introduction and Application Information

Course Code:	TIP405		
Course Name:	Gynecology, Obstetrics and Urology Internship Block		
Semester:	Fall		
Course Credits:	ECTS		
	15		
Language of instruction:	Turkish		
Course Condition:			
Does the Course Require Work Experience?:	No		
Type of course:	Compulsory Courses		
Course Level:	Bachelor	TR-NQF-HE:7. Master`s Degree	QF-EHEA:Second Cycle EQF-LLL:7. Master`s Degree
Mode of Delivery:	Face to face		
Course Coordinator:	Prof. Dr. HİKMET KOÇAK		
Course Lecturer(s):	Prof. Dr. Bülent Baysal , Prof. Dr. Ayhan Sucak, Doç.Dr. Alper Karalök, Doç.Dr. Ziya Kalem, Dr. Öğr. Üyesi Berk Bulut, Dr. Öğr. Üyesi Emrah Kızıldağ, Prof. Dr. Muammer Kendirci, Prof. Dr. Orhan Tanrıverdi, Prof. Dr. Ayhan Karaköse, Dr. Öğr. Üyesi Cüneyd Sevinç, Dr. Öğr. Üyesi İlhami Güllüoğlu, Prof. Dr. Uğur Boylu, Doç. Dr. Mehmet Sarier, Dr. Öğr. Yasin Yitgin		
Course Assistants:			

## Course Objective and Content

Course Objectives:	According to the scope of the learning objectives specified in the core education program ensure that students should acquire the knowledge and skills to be able to diagnose important, common and basic Urology and Obstetrics and Gynecology diseases that may require urgent intervention; to treat these patients at the primary care level; and to make emergency interventions, and to send the patient to a specialist when necessary.
Course Content:	Basic knowledge and skills of Urology and Obstetrics and Gynecology

## Learning Outcomes

The students who have succeeded in this course;

- 1) Must be able to take a medical history and perform physical examination from patients presenting with gynecological or obstetric complaints.
- 2) Must be able to choose diagnostic tests and evaluate the results of diagnostic tests in line with the medical history and physical examination findings of patients who present with gynecological or obstetric complaints.
- 3) Must be able to make differential diagnosis using medical history, physical examination and diagnostic test results and evidence-based medicine principles from patients presenting with gynecological or obstetric complaints.
- 4) Must be able to evaluate the patient with gynecological or obstetric complaints and decide to refer them to the appropriate center in terms of gynecological diseases and obstetrics when necessary, and should be able to refer them under appropriate conditions.
- 5) Must be able to recognize gynecological and obstetric emergencies.
- 6) Must be able to explain common health problems and their causes in the field of gynecology and obstetrics, taking into account the interaction of the individual with the environment.
- 7) Must be able to explain the diagnosis and treatment approaches in the field of obstetrics and gynecology.
- 8) Must be able to explain practices/preventions for the protection of health in the field of obstetrics and gynecology on the basis of individual and society.
- 9) Must be able to critically evaluate scientific knowledge in the field of obstetrics and gynecology.
- 10) Must be able to carry out studies and practices in the field of obstetrics and gynecology within the framework of professional values, ethical principles and legal regulations.
- 11) Must be able to take a history and perform a physical examination from a patient with a urological complaint.
- 12) Must be able to make associations between urological symptoms and diseases.
- 13) Must be able to explain the auxiliary diagnostic methods (basic imaging and laboratory tests) used in the diagnosis of urological diseases and their usage areas.
- 14) Must be able to count the symptoms and signs of urological tumors and make the distinctive diagnosis.
- 15) Must be able to make basic evaluations and treatment approaches related to male reproductive and sexual health and interpret semen analysis.
- 16) Must be able to diagnose and treat conservatively urinary system stone diseases.
- 17) Must be able to diagnose and regulate their treatment urinary system infections.
- 18) Must be able to define genito-urinary system traumas and list the principles of basic approach to traumas. Must be able to perform first aid.
- 19) Must be able to insert a urethral catheter transurethraly in uncomplicated cases in patients of both sexes.
- 20) Must be able to diagnose and treat sexually transmitted diseases.
- 21) Must be able to recognize congenital anomalies of the urogenital system.
- 22) Must be able to recognize and intervene in emergency obstructions of the urinary tract.

## Course Flow Plan

Week	Subject	Related Preparation

1)	GYNECOLOGY AND OBSTETRICS: Theoretical Courses Antenatal follow-up, diagnostic tests during pregnancy Abortion and Habitual Abortion Common internal problems during pregnancy Common surgical problems during pregnancy Menstrual cycle control and disorders Abnormal uterine bleeding - causes, diagnosis and management Placental and fetal physiology Maternal physiological changes during pregnancy Practical training Outpatient clinic and ward rounds	There is no preparation-course material.
2)	GYNECOLOGY AND OBSTETRICS Theoretical Courses Biochemical and ultrasonographic diagnosis of fetal anomalies Intrauterine growth retardation Normal Delivery Presentation Anomalies and Dystocia Hypertensive diseases of pregnancy Glucose intolerance and diabetes mellitus during pregnancy Nutrition and Hyperemesis Gravidarum in Pregnancy Contraception Practical training Outpatient clinic and ward rounds	There is no preparation-course material.
3)	GYNECOLOGY AND OBSTETRICS Theoretical Courses Preterm delivery and premature rupture of membranes Multiple Pregnancies Puerperium and Puerperal infections Urogynecology Drug Use and Teratogenicity in Pregnancy Ectopic Pregnancy Obstetric Hemorrhages Practical training Outpatient clinic and ward rounds	There is no preparation-course material.
4)	GYNECOLOGY AND OBSTETRICS Theoretical Courses Endometriosis and Adenomyosis Polycystic Ovary Syndrome and Hyperandrogenism Gynecological Emergencies Postmenopausal Period and HRT Practical training Outpatient clinic and ward rounds	There is no preparation-course material.
5)	GYNECOLOGY AND OBSTETRICS: Theoretical Courses Benign Diseases of the Female Genital System Preinvasive Genital Lesions Vulva and vaginal cancer - diagnosis and management Cervical cancer - diagnosis and management Ovary and tubular cancer - diagnosis and management Endometrial cancer - diagnosis and management Gestational trophoblastic disease - diagnosis and management Preservation of fertility Practical training Outpatient clinic and ward rounds	There is no preparation-course material.
6)	GYNECOLOGY AND OBSTETRICS Theoretical Courses Infertility Developmental Gender Disorders and Puberty Anomalies Practical training Outpatient clinic and ward rounds Oral exam	There is no preparation-course material.
7)	UROLOGY: Theoretic lectures Urogenital system anatomy Radiology and laboratory tests in urology From signs and symptoms to diagnosis in urology Physical examination of the urogenital system Bladder and upper urinary tract cancers Prostate cancers Kidney and adrenal cancers Testicular cancers Specific and non-specific infections of the urogenital system Sexually-transmitted diseases of the urogenital system Benign prostate hyperplasia: Etiology, pathogenesis, diagnosis and treatment Male infertility: Etiology, diagnosis and treatment Male sexual health and diseases: Etiology, pathogenesis, diagnosis and treatment Scrotal diseases: Varicocele, hydrocele, spermatocele Urogenital trauma Urinary obstruction and stasis Development for professionalism: Case discussions, scientific research, seminars, literature, council Practical Education: In outpatient clinics, wards and operating theatres	There is no preparation-course material.
8)	UROLOGY: Theoretic lectures Renal physiology Voiding physiology Male incontinence and treatment Female incontinence and treatment Epidemiology of the urinary system stone diseases and pathophysiology of stone formation Urinary system stone diseases: Diagnosis, treatment, metabolic analysis and prevention External genital anomalies in the childhood Inguinal-scrotal pathologies in the childhood Vesico-ureteral reflux Diagnosis and treatment of voiding disorders in the childhood Development for professionalism: Case discussions, scientific research, seminars, literature, council Practical Education: In outpatient clinics, wards and operating theatres)	There is no preparation-course material.
9)	UROLOGY: Practical Education: In outpatient clinics, wards and operating theatre FINAL EXAM PERIOD	There is no preparation-

## Sources

Course Notes / Textbooks:	Dersin kaynak kitabı bulunmamaktadır. The course does not have a mandatory resource.
References:	<p>Dersin konuları ile ilgili güncel makaleler ve ders slaytları./Articles mentioned in the course related with topics and lecture slides.</p> <p>Temel Kaynaklar/Basic Sources:</p> <ol style="list-style-type: none"><li>1. Williams Obstetrik, Nobel Tıp Kitabevleri, 2020</li><li>2. Berek&amp;Novak Jinekoloji, Nobel Tıp Kitabevleri, 2017</li><li>3. Johns Hopkins Kadın Hastalıkları ve Doğum, 2015</li></ol>

### Course - Program Learning Outcome Relationship

[illegible]

[illegible]

[illegible]

[illegible]

Course Learning Outcomes	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
11) is capable of having effective oral and/or written communication with patients and their relatives, society and colleagues.																						
12) knows the techniques, methods and rules of researching. It contributes to the creation, sharing, implementation and development of new professional knowledge and practices by using science and scientific method within the framework of ethical rules.																						
13) can collect health data, analyze them, present them in summary, and prepare forensic reports.																						



Course Learning Outcomes	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
14) knows the place of physicians as an educator, administrator and researcher in delivery of health care. It takes responsibility for the professional and personal development of own and colleagues in all interdisciplinary teams established to increase the health level of the society.																						
15) knows employee health, environment and occupational safety issues and takes responsibility when necessary.																						
16) knows health policies and is able to evaluate their effects in the field of application.																						

Course Learning Outcomes	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
17) keeps medical knowledge up-to-date within the framework of lifelong learning responsibility.																						
18) applies own profession by knowing about ethical obligations and legal responsibilities, prioritizing human values and with self-sacrifice throughout own medical life.																						

### Course - Learning Outcome Relationship

No Effect	1 Lowest	2 Average	3 Highest

	Program Outcomes	Level of Contribution
1)	When Istinye University Faculty of Medicine student is graduated who knows the historical development of medicine, medical practices, and the medical profession and their importance for society.	
2)	knows the normal structure and function of the human body at the level of molecules, cells, tissues, organs and systems.	
3)	is capable of systematically taking an accurate and effective social and medical history from their patients and make a comprehensive physical examination.	
4)	knows the laboratory procedures related to diseases; In primary care, the necessary material (blood, urine, etc.) can be obtained from the patient with appropriate methods and can perform the necessary laboratory procedures for diagnosis and follow-up or request laboratory tests.	
5)	can distinguish pathological changes in structure and functions during diseases from physiological changes and can Interpret the patient's history, physical examination, laboratory and imaging findings, and arrive at a pre-diagnosis and diagnosis of the patient's problem.	

6)	knows, plans and applies primary care and emergency medical treatment practices, rehabilitation stages.	
7)	can keep patient records accurately and efficiently, know the importance of confidentiality of patient information and records, and protects this privacy.	
8)	knows the clinical decision-making process, evidence-based medicine practices and current approaches.	
9)	knows and applies the basic principles of preventive health measures and the protection of individuals from diseases and improving health, and recognizes the individual and/or society at risk, undertakes the responsibility of the physician in public health problems such as epidemics and pandemics.	
10)	knows the biopsychosocial approach, evaluates the causes of diseases by considering the individual and his / her environment.	
11)	is capable of having effective oral and/or written communication with patients and their relatives, society and colleagues.	
12)	knows the techniques, methods and rules of researching. It contributes to the creation, sharing, implementation and development of new professional knowledge and practices by using science and scientific method within the framework of ethical rules.	
13)	can collect health data, analyze them, present them in summary, and prepare forensic reports.	
14)	knows the place of physicians as an educator, administrator and researcher in delivery of health care. It takes responsibility for the professional and personal development of own and colleagues in all interdisciplinary teams established to increase the health level of the society.	
15)	knows employee health, environment and occupational safety issues and takes responsibility when necessary.	
16)	knows health policies and is able to evaluate their effects in the field of application.	
17)	keeps medical knowledge up-to-date within the framework of lifelong learning responsibility.	
18)	applies own profession by knowing about ethical obligations and legal responsibilities, prioritizing human values and with self-sacrifice throughout own medical life.	

### Assessment & Grading

Semester Requirements	Number of Activities	Level of Contribution
Final	1	% 65
Final Sözlü	1	% 35
<b>total</b>		<b>% 100</b>
PERCENTAGE OF SEMESTER WORK		% 35
PERCENTAGE OF FINAL WORK		% 65
<b>total</b>		<b>% 100</b>

### Workload and ECTS Credit Calculation

Activities	Number of Activities	Workload
Course Hours	9	75
Application	9	120
Special Course Internship (Work Placement)	9	108
Presentations / Seminar	7	56
Final	1	8
<b>Total Workload</b>		<b>367</b>