

COURSE INFORMATION					
Course Title	Code	Semester	COURSE INFORMATION Lecture+Practice+Labrotory Hour	Credits	ECTS
UROLOGY (Clinical Clerkship)	MED507	Phase 5/9-10	27+ 36	3	3*

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

Prerequisites	The student that joins this course, should completed Phase 1, 2, 3 and 4 courses of medical faculty.
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Language of Instruction	English
Course Level	Second Cycle including First Cycle Degree (One Tier Programme)
Course Type	Compulsory
Course Coordinator	Faruk Yencilek, MD Prof
Instructors	Faruk Yencilek, MD Prof İlter ALKAN MD Assoc. Prof. Mustafa YÜKSEL MD Assist. Prof.
Assistants	
Goals	To convey necessary knowledge on pathology, symptomatology, clinics and pharmacology of urology diseases, to equip with skills and attitudes required for an appropriate approach to management of urology patients

Learning Outcomes	Programme Learning Outcomes	Teaching Methods	Assessment Methods
At the end of this clerkship, the student should be able to:			
1. Explain mechanisms for urine formation and renal hemodynamics.	1	1,2,3	A, C
2. Describe urgent urological disorders.	1,2,3,4	1,2,3	A, C
3. Describe disorders of kidney, ureter and bladder	1,2,3,4,7,8,9	1,2,3	A, C
4. Describe genital system disorders of male	1,2,3,7,8,9	1,2,3	A, C
5. Explain underlying reasons and pathologies of female incontinence	1,2,3,7,8	1,2,3	A, C

6. Evaluate urinary system pathologies	1,2,3,7,8	1,2,3,	A, C
7. Make physical examination of male urogenital system, female urinary system and female continence	3,8	1,2,3	A, C
8. Interpret results of laboratory and radiological examinations related to urologic disorders	9,10,11	1,2,3	A,C
9. Perform attachment of urethral catheter for male and female	13,14	1,2,3	A,C
10. Manage urgent urological and urogenital diseases	7,8,9,10,11,12,14	1,2,3	A,C

Teaching Methods:	1: Lecture, 2: Question-Answer, 3: Discussion,
Assessment Methods:	A: Testing C: Homework

COURSE CONTENT		
WEEK	SUBJECT	Study Materials
1	Introductory to Urology	Materials for the course provided by instructor
1	Lecture Urolithiasis	Materials for the course provided by instructor
1	Lecture Infertility	Materials for the course provided by instructor
1	Lecture Benign Prostatic Hyperplasia	Materials for the course provided by instructor
1	Lecture Urologic Emergency	Materials for the course provided by instructor
2	Lecture Testicular Cancer	Materials for the course provided by instructor
2	Lecture Bladder Cancer	Materials for the course provided by instructor
2	Lecture Prostate Cancer	Materials for the course provided by instructor
2	Lecture Kidney Cancer	Materials for the course provided by instructor
2	Assessment Session	Materials for the course provided by the instructor
2	Program Evaluation Session Review of the Exam Questions, Evaluation of the Program	Materials for the course provided by the instructor

RECOMMENDED SOURCES	
Textbook	<ul style="list-style-type: none"> • Campbell Walsh Wein Urology by Alan W. Partin (Editor); Craig A. Peters (Editor); Louis R. Kavoussi (Editor); Roger R. Dmochowski (Editor); Alan J. Wein (Editor) • Hinman's Atlas of Urologic Surgery by Joseph A. Smith; Stuart S. Howards; Glenn M. Preminger; Roger R. Dmochowski • Smith and Tanagho's General Urology, 19th Edition by Jack W. McAninch; Tom F. Lue

ASSESSMENT

Questions Types (Pencil-Paper Tests)	Proportion (in Pencil-Paper Tests)
Multiple Choice Questions	90%
Extended Matching Questions	10%
Total	100 %
Pass/Fail Decision	Proportion (in Pass/Fail Decision)
Pencil-Paper Tests	100%
Total	100 %

MATERIAL SHARING	
Documents	Via google classroom
Assignments	Student ppt presentations
Exams	Not shared

COURSE CATEGORY	Expertise/Field Courses
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COURSE'S CONTRIBUTION TO PROGRAM						
	PODG.1. Basic Professional Competencies	Contribution				
	POD.1.1. Clinical Competencies	1	2	3	4	5
PO.1.1.1.	values preventive health services, offers primary prevention (i.e. prevention of diseases for the protection of health), secondary prevention (i.e. early diagnosis and treatment) tertiary prevention (i.e. rehabilitation) and quaternary prevention (i.e. prevention of excessive and unnecessary diagnosis and treatment) services, provides consultancy on these issues.					X
PO.1.1.2.	employs a patient-centered approach in patient management.					X
PO.1.1.3.	recognizes most frequently occurring or significant clinical complaints, symptoms, signs, findings and their emergence mechanisms in clinical conditions.					X

PO.1.1.4.	takes medical history from the applicant himself/herself or from the individual's companions.					X
PO.1.1.5.	does general and focused physical and mental examination.					X
PO.1.1.6.	interprets findings in medical history, physical and mental examination.					X
PO.1.1.7.	employs diagnostic procedures that are used frequently at the primary health care level.					X
PO.1.1.8.	selects tests that have evidence-based high efficacy at the primary health care level and interprets results.					X
PO.1.1.9.	makes clinical decisions using evidence-based systematic data in health care service.					X
PO.1.1.10.	performs medical interventional procedures that are used frequently at the primary health care level.					X
PO.1.1.11.	manages healthy individuals and patients in the context of health care services.					X
PO.1.1.12.	keeps medical records in health care provision and uses information systems to that aim.					X
	POD.1.2. Competencies related to Communication					
PO.1.2.1.	throughout his/her career, communicates effectively with health care beneficiaries, co-workers, accompanying persons, visitors, patient's relatives, care givers, colleagues, other individuals, organizations and institutions.				X	
PO.1.2.2.	collaborates as a team member with related organizations and institutions, with other professionals and health care workers, on issues related to health.				X	
PO.1.2.3.	recognizes the protection and privacy policy for health care beneficiaries, co-workers, accompanying persons and visitors.				X	
PO.1.2.4.	communicates with all stakeholders taking into consideration the socio-cultural diversity.				X	
	POD.1.3. Competencies Related to Leadership and Management					
PO.1.3.1.	manages and leads within the health care team in primary health care organization.			X		
PO.1.3.2.	recognizes the principles of health management and health sector economy, models of organization and financing of health care services.			X		
PO.1.3.3.	recognizes the resources in the health care service, the principles for cost-effective use.			X		
	POD.1.4. Competencies related to Health Advocacy					
PO.1.4.1.	recognizes the health status of the individual and the community and the factors affecting the health, implements the necessary measures to prevent effects of these factors on the health.				X	
PO.1.4.2.	recognizes and manages the health determinants including conditions that prevent access to health care.				X	
	POD.1.5. Competencies related to Research					
PO.1.5.1.	develops, prepares and presents research projects			X		
	POD.1.6. Competencies related to Health Education and Counseling					
PO.1.6.1.	provides consultancy services and organizes health education for the community to sustain and promote the health of individual and community.				X	
	PODG.2. Professional Values and Perspectives					
	POD.2.1. Competencies related to Law and Legal Regulations					

PO.2.1.1.	performs medical practices in accordance with the legal framework which regulates the primary health care service.			X		
POD.2.2. Competencies Related to Ethical Aspects of Medicine						
PO.2.2.1.	recognizes basic ethical principles completely, and distinguishes ethical and legal problems.					X
PO.2.2.2.	pays importance to the rights of patient, patient's relatives and physicians, and provides services in this context.					X
POD.2.3. Competencies Related to Social and Behavioral Sciences						
PO.2.3.1.	relates historical, anthropological and philosophical evolution of medicine, with the current medical practice.					X
PO.2.3.2.	recognizes the individual's behavior and attitudes and factors that determine the social dynamics of the community.					X
POD.2.4. Competencies Related to Social Awareness and Participation						
PO.2.4.1.	leads community with sense of responsibility, behavior and attitudes in consideration of individual behaviors and social dynamics of the community, and if there is a necessity, develops projects directed towards health care services.					X
POD.2.5. Competencies Related to Professional Attitudes and Behaviors						
PO.2.5.1.	displays a patient-centered and holistic (biopsychosocial) approach to patients and their problems.					X
PO.2.5.2.	respects patients, colleagues and all stakeholders in health care delivery.					X
PO.2.5.3.	displays the proper behavior in case of disadvantaged groups and situations in the community.					X
PO.2.5.4.	takes responsibility for the development of patient safety and healthcare quality.					X
PO.2.5.5.	evaluates own performance as open to criticism, realizes the qualifications and limitations.					X
PODG.3. Professional Development and Self-Worth						X
PODG.3.1. Personal Development and Values						
PO.3.1.1.	embraces the importance of lifelong self-learning and implements .					X
PO.3.1.2.	embraces the importance of updating knowledge and skills; searches current advancements and improves own knowledge and skills.					
PO.3.1.3.	uses English language at least at a level adequate to follow the international literature and to establish communication related to the profession.					
POD.3.2. Competencies Related to Career Management						
PO.3.2.1.	recognizes and investigates postgraduate work domains and job opportunities.				X	
PO.3.2.2.	recognizes the application requirements to postgraduate work/job domains, and distinguishes and plans any requirement for further training and work experience.				X	
PO.3.2.3.	prepares a resume, and recognizes job interview methods.				X	
POD.3.3. Competencies Related to Protection and Development of Own Physical and Mental Health						
PO.3.3.1.	implements the rules of healthy living.					X

PO.3.3.2.	displays appropriate behavior specific to work under stressful conditions.					X
PO.3.3.3.	uses self-motivation factors.					X

ECTS ALLOCATED BASED ON STUDENT WORKLOAD BY THE COURSE DESCRIPTION			
Activities	Quantity day	Duration (Hour)	Total Workload (Hour)
Course Duration (2 weeks)	10	6,5	65
Hours for off-the-classroom study (Pre-study, practice, review/week)	10	2	20
Homework	-	-	-
Exam	1	2	2
Total Work Load			87
Total Work Load / 30 (h)			2.9
ECTS Credit of the Course			3