



MUĞLA SITKI KOÇMAN UNIVERSITY
FACULTY OF MEDICINE
PHASE V
ENGLISH MEDICINE PROGRAM

COURSE of UROLOGY
2022/2023 Academic Year

COURSE GUIDEBOOK

Course Code : Med 5017
Course Topic Code : MED5- ÜRO

*This guide has been prepared by the Department of UROLOGY Course Purpose, Target, Outcomes, Training and Education Contents, Methods, Educational Activities, Measurement and Evaluation Techniques, Course Logbook, Program Qualifications Matrix, Matching the Courses with NCEP 2020, Matching the Courses with the Course Objectives and Outcomes, Matching the Course Achievements with Measurement Techniques, Course Notification Form, Vertical/Horizontal Integration Status of Courses and Course Schedules were declared on 06.07.2022

PREFACE

Dear Students,

Welcome to the Urology course program which is an important part of your education.

In this course program, which is going to continue for 6 weeks, we aim to give the basic education of the course program in all aspects of theoretical courses and practical applications. This guide describes what you will learn and perform during your course, the rules you must follow in our clinic, and the working conditions. We wish you all success with the belief that this guide will guide you sufficiently through your course studies

Department of Urology
08/07/2022

GENERAL INFORMATION on COURSE

Course Title	: Urology
Main Department Course	: Surgical Sciences
Department Responsible for Course	: Urology
Course Code	: MED- 5017
Course Type	: Required
Duration of the Course	: 6 weeks
Teaching Method of the Course	: Formal
ECTS	: 5
Language	: English
Head of The Department	: Prof. Dr. Hayrettin Şahin

Teaching Staff

Teaching Staff	Subject Area	Theoretical Course Duration (Hours)
Prof. Dr. Hayrettin Şahin	Urology	
Assoc. Prof. Hasan Deliktaş	Urology	
Assoc. Prof. Hüseyin Tarhan	Urology	
Assoc. Prof. İlker Akarken	Urology	

Coordinator of the Department Education Program	: Assoc. Prof. Hüseyin Tarhan
Coordinator of the Course Education Program	: Assoc. Prof. Hüseyin Tarhan
Coordinator of the Course Examinations	: Assoc. Prof. Hasan Deliktaş
Coordinator of Course Assessment and Evaluation	: Assoc. Prof. İlker Akarken

Email	: drhuseyintarhan@gmail.com
	: drhasand@gmail.com

TEACHING METHODS-TECHNIQUES

1. Theoretical lessons
2. Learning Centered Teaching
 - a. Case-based discussion sessions
 - b. Student case reports,
 - c. Practical application at the bedside
 - d. Practical application at the bedside in the outpatient clinic
3. Interactive teaching

PHYSICAL SPACES

Teaching Activity	Physical Space	Explanation
Theoretical lessons	Morphology Building	
Inpatient bedside practice	Training and Research Hospital	4th Floor Urology Clinic
Out-patient clinic	Training and Research Hospital	1st Floor Urology Clinic
Case analysis	Morphology Building	
Problem-based teaching	-	
Special audit applications	Training and Research Hospital	
Private field applications	Training and Research Hospital	

RELATED LEGISLATION

<http://www.tip.mu.edu.tr/tr/ilgili-mevzuat-6641>

AIM(S) of the COURSE

1	In this course, it is aimed that students gain sufficient knowledge, skills, and attitudes to evaluate the signs and symptoms of genito-urinary system diseases, to diagnose in primary care conditions, to create a treatment plan / to make applications / to follow up, to make emergency interventions when necessary and to refer them to a urology specialist within the scope of the National CEP.
----------	---

OBJECTIVE(S) of the COURSE

1	To be able to take urological medical history, performing physical examination, requesting examination, making differential diagnosis, and evaluating examinations.
2	To be able to diagnose and treat common urological diseases.
3	To be able to explain the physical examination findings, diagnostic algorithm, current medical and surgical treatment principles of stone diseases and high incidence of obstruction caused by stones in Turkey.
4	To be able to explain the etiology, physiopathology, diagnosis, and treatment of benign prostatic hyperplasia.
5	To be able to explain urological interventions and informs patients about these issues, performs urological interventions that can be applied in primary care.
6	To be able to acquire knowledge and practice of urethral catheterization indications and complications.
7	To be able to prefer the examinations in accordance with the cost-effectiveness principle first gaining one's attitude.
8	To be able to correctly identify the patients who need to be referred to a urologist, to apply the right treatment in the remaining patient group, and to explain the side effect profiles while performing these applications.

INTENDED LEARNING OUTCOME(S)

1	Can take urological medical history, performing physical examination, requesting examination, making differential diagnosis, and evaluating examinations.
2	Can diagnose and treat common urological diseases.
3	Can explain the physical examination findings, diagnostic algorithm, current medical and surgical treatment principles of stone diseases and high incidence of obstruction caused by stones in Turkey.
4	Can explain the etiology, physiopathology, diagnosis, and treatment of benign prostatic hyperplasia.
5	Can explain urological interventions and informs patients about these issues, performs urological interventions that can be applied in primary care.
6	Can acquire knowledge and practice of urethral catheterization indications and complications.
7	Can prefer the examinations in accordance with the cost-effectiveness principle first gaining one's attitude.
8	Can correctly identify the patients who need to be referred to a urologist, apply the right treatment in the remaining patient group, and explain the side effect profiles while performing these applications.

DUTIES AND RESPONSIBILITIES OF STUDENTS

1. During the course program (if no change is notified by the relevant faculty member during the course period), students are expected to fully present for theoretical or practical application. According to the regulation, there is an attendance requirement of 70% in theoretical courses and 80% in applied courses in Phase V.
2. Although there is no directive of the medical faculty regarding dress, all students are expected to perform personal care and dress with a style and care worthy of a physician candidate during all practical and theoretical training hours.
3. It is expected to be worn a white coat in all practical trainings.
4. First Day: You should be present at the urology service (A Block 4th Floor) with your white coats at 08:30 in the morning. In this session, the lecturer responsible for the training program will explain the aims, program, working conditions and rules of the urology course.
5. Full participation is expected during the course.
6. The interns who are assigned to the service are expected to actively participate together with the research assistants in taking anamnesis, performing physical examination and preparing the files of the patients.
7. The interns are expected to take part in applications such as catheter insertion, stitch removal etc. in the outpatient clinic and/or service.
8. Each intern will stay at least one night shift during the course. The shift starts at the end of the lesson.

RECOMMENDED RESOURCE(S)

KEY RESOURCE(S)

KEY RESOURCE(S)	Matched Course Outcome(s)
Temel Üroloji Dr. Kadri A, Dr. Nihat A, Dr. Yaşar B, 4. Baskı, 2011	1,2,3,5,6,7,8
Smith ve Tanagho Genel Üroloji, 18. Baskı, 2014	1,2,3,5,6,7,8

ADDITIONAL RESOURCE(S)

ADDITIONAL RESOURCE(S)	Matched Course Outcome(s)
Üroloji Masa Üstü Başvuru Kitabı, 2016	1,2,3
Campbell Üroloji 2020	1,2,3,5,6,7,8

ASSESSMENT and EVALUATION

Assessment and Evaluation in the End of Course Evaluation Exam

Assessment and Evaluation Method	Explanation	Role in the End of Course Evaluation	% Value for the End of Course Evaluation
Attendance to Classes		Compulsory	
Course Logbook		Compulsory	
Open-Ended Questions*	Open-ended questions		50
Structured Oral Examination***	Under the supervision of at least two faculty members		50
Total			100

Availability of Course Logbook, Place of Course Report in Course Assessment and Evaluation Principles

For the right to take the written exam, the student must be evaluated as “adequate” from the criteria specified in the course report.

Existence of Attendance Requirement and Its Place in Course Assessment-Evaluation Principles

It is stated at the beginning of the course that the student who is absent from the courses will not be taken to the written exam.

The Effect of the Assessment and Evaluation Methods to be Applied on the Success Status at the End of the Course

In order to be successful in the course, it is required to get at least 60 points at each stage of the course exams. A student whose score is 59 and below in an assessment-evaluation technique is not allowed to participate in the other exam phase.

1st stage: Open-ended questions

2nd stage: Structured Oral Examination + Bedside Clinical Practice Exam

Assessment and Evaluation in Resit Examination

Assessment and Evaluation Method	Explanation	Role in the End of Course Evaluation	% Value at the End of Course Evaluation
Open-Ended Questions*	Open-ended questions		50
Structured Oral Examination**	Under the supervision of at least two faculty members		50
Total			100

Assessment and Evaluation in Single Course Resit Exam
--

Assessment and Evaluation Method	Explanation	Role in the End of Course Evaluation	% Value at the End of Course Evaluation
Open-Ended Questions*	Open-ended questions		50
Structured Oral Examination**	Under the supervision of at least two faculty members		50
Total			100

COURSE LOGBOOK

STUDENT'S NAME AND SURNAME :

STUDENT'S SCHOOL NO :

COURSE PERIOD :

APPLICATION	NCEP Clau se	TEACHING STAFF (SIGNATURE)
TARİH		
1.Taking general and problem-oriented history	A.1	
2.Evaluation of general condition and vital signs	B.9	
3.Taking informed consent	C.3	
4.Preparing epicris report	C.5	
5.Preparing patient file	C.7	
6.Reading and evaluating direct radiographs	D.4	
7.Digital rectal examination	B.7	
8.Urological examination	B.22	
9.Urinary catheter insertion	E.36	

DECISION: PASS FAIL

Head of Department or Coordinator:

Date:

Signature:

Faculty of Medicine
English Medicine Program
Phase V
UROLOGY COURSE
Competence Matrix

The Name of the Course	Po1	Po2	Po3	Po4	Po5	Po6	Po7	Po8	Po9	Po10	Po11	Po12	Po13
Urology	5	5	5	3	2	2	3	3	0	0	1	2	5

* Completed according to the following program outcomes. (Score from 0 to 5.)

PO: Program Outcomes of Faculty of Medicine

PO Link: <https://muweb.mu.edu.tr/tr/program-yeterlilikleri-6598?site=tip.mu.edu.tr>

TRAINING ACTIVITY AND ASSESMENT AND EVALUATION METHODS MATCHING OF COURSE GAINS

Intended Learning Outcome	TRAINING ACTIVITY MATCHING	ASSESMENT AND EVALUATION METHODS
1.Can take urological medical history, performing physical examination, requesting examination, making differential diagnosis, and evaluating examinations.	V, OS, P, Y	K, S, T
2.Can diagnose and treat common urological diseases.	V, OS, P, Y	S, T
3.Can explain the physical examination findings, diagnostic algorithm, current medical and surgical treatment principles of stone diseases and high incidence of obstruction caused by stones in Turkey.	V, OS, P, Y	K, S, T
4.Can explain the etiology, physiopathology, diagnosis, and treatment of benign prostatic hyperplasia.	P, OS, MBL	K, S, T
5.Can explain urological interventions and informs patients about these issues, performs urological interventions that can be applied in primary care.	P, MBL	K, S, T
6.Can acquire knowledge and practice of urethral catheterization indications and complications.	P, MBL	P, MBL
7.Can prefer the examinations in accordance with the cost-effectiveness principle first gaining one's attitude.	P, OS, S	S
8.Can correctly identify the patients who need to be referred to a urologist, apply the right treatment in the remaining patient group, and explain the side effect profiles while performing these applications.	P, OS, Y	S, T
<p>Abbreviations Teaching Activity: Theoretical lessons (T), Visit (V), Case report (CR), Clinical picture discussion- Outpatient clinic (C), Vocational skills lab (VSL), Radiological evaluation (R), Laboratory evaluation (L), Presentation (Pr) Assessment Method: Practical - Logbook (P-L), Oral exam (OE), Theoretical exam (TE)</p>		

INFORMATION AND MATCHING TABLE ON THE THEORETICAL AND PRACTICAL COURSES IN THE COURSE TO BE INCLUDED IN THE 2022- 2023 ACADEMIC YEAR COURSE PROGRAM

Lecture Code*	Hour	Lecture Type	Lecture Subject	Course Aim Matching	Course Learning Outcome Matching	Activity Matching**	Assessment and Evaluation Methods	Vertical Integration	Horizontal Integration
MED5-ÜRO001	3	T	Symptomatology and Physical Examination in Urological Diseases	1	1	V	P		
MED5-ÜRO002	3	T	Urogenital System Surgical Anatomy	1	1	T	T	PHASE-3	
MED5-ÜRO003	3	T	Laboratory and Imaging Methods in Urological Diseases	1,2	1 ve 2	T, P,R	T,P	PHASE-3	
MED5-ÜRO004	3	T	Minimally Invasive Interventions and Equipment in Urology	1	5,6	T	P, T		
MED5-ÜRO005	3	T	Urinary Tract Infections and Tuberculosis	1	1,2,7,8	T, P	P, T	PHASE-3	
MED5-ÜRO006	1	T	Prevention, Diagnosis and Treatment of Sexually Transmitted Diseases	1	1,2,7,8	T, P	T, P		PHASE-5 Dermatology
MED5-ÜRO007	2	T	Vesicourethral Reflux	1	1,2,7,8	T, P,R	T, P		PHASE-5 pediatric surgery
MED5-ÜRO008	1	T	Approach to the Patient with Urinary Incontinence and Urodynamics	1	1,2,5, 6, 7,8	T, P	T, P		

MED5-ÜRO009	3	T	Prostate Cancer	1	1,2,7,8	T, P	T, P	PHASE-3	
MED5-ÜRO0010	2	T	Voiding Dysfunction and Neurogenic Bladder in Children	1	1,2,5,6,7,8	T	T	PHASE-4 Pediatrics	
MED5-ÜRO0011	1	T	Malignant Renal Masses	1	1,7,8	T, P, R	T, P	PHASE-3	PHASE-5 Radiology
MED5-ÜRO0012	1	T	Benign Renal Masses	1	1,7,8	T, P, R	T, P	PHASE-3	PHASE-5 Radiology
MED5-ÜRO0013	1	T	Malignant Testicular Tumors	1	1,7,8	T, P, R	T, P		PHASE-5 Radiology
MED5-ÜRO0014	1	T	Enuresis Nocturna	1	1,2,7,8	T, P	T	PHASE-4 Pediatrics	
MED5-ÜRO0015	3	T	Neurogenic Bladder and Pelvic Pain Syndrome in Adults	1	1,2,5,6,7,8	T, P	T		
MED5-ÜRO0016	1	T	Congenital Anomalies of the Urogenital System	1	1,2,7,8	T, P	T	PHASE-4 Pediatrics	
MED5-ÜRO0017	2	T	Intracrotal Masses	1	1,7,8	T, P	T		PHASE-5 Radiology
MED5-ÜRO0018	2	T	Physiopathology, Diagnosis and Treatment of BPH	1	4	T,P	T		
MED5-ÜRO0019	1	T	Urothelial Cancers	1	1,7,8	T,P	T		
MED5-ÜRO0020	1	T	Urinary Obstruction and Physiopathology	1	1,2,7,8	T	T		
MED5-ÜRO0021	2	T	Approach to Male Infertility	1	1,2,7,8	T, P	T		
MED5-ÜRO0022	2	T	Sexual Disorders in Men	1	1,2,7 ve 8	T, P	T	PHASE-4 Psychiatry	
MED5-ÜRO0023	2	T	Urological Emergencies	1	1,2,3,7,8	T,P	T		PHASE-5 Emergency

MED5- ÜRO00 24	2	T	Urogenital Trauma	1	1,2,7, 8	T,P, R	T		Dönem-5 Emergency
MED5- ÜRO00 25	2	T	Diagnosis and Treatment of Urinary System Stone Diseases	1	3	T,P, R	T		PHASE-5 Radiology

EXPLANATIONS:

* Lecture code will be formed by writing 001, 002,... at the end of the code taken from the "Codes for Phase 5 matrix" section.

****Abbreviations**

Teaching Activity: Theoretical lessons (T), Visit (V), Case report (CR), Clinical picture discussion- Outpatient clinic (C), Vocational skills lab (VSL), Radiological evaluation (R), Laboratory evaluation (L), Presentation (Pr)

Assessment Method: Practical - Logbook (P-L), Oral exam (OE), Theoretical exam (TE)