

REQUIREMENTS

Semmelweis University, Faculty of Medicine		
Name(s) of the Institute(s) teaching the subject: Department of Urology		
Name of the subject: Urology		
Credits: 3		
Total number of hours: 37; lectures: 13; practices: 24 seminars:		
Type of the course (mandatory/elective): mandatory		
Academic year: 2022/2023-1		
Code of the course¹:		
Course director (tutor): Dr. András Horváth		
Contact details: drhorandris@gmail.com +36208258753		
Position: senior lecturer		
Date of habilitation and reference number: PhD – 2013 reference number: 1791/2013		
Aim of the subject and its place in the curriculum: Our aim is to teach our students for the basic knowledge of the most important differential diagnostic steps, physical examination of urology and to educate them to perform the most important, minor urological procedures, such as urethral and suprapubic catheterization.		
Location of the course (lecture hall, practice room, etc.):		
Lectures: in the lecture hall of the 1st Internal Clinic		
Practice: in the classroom, the library, the wards, the outpatient care rooms, the intensive care unit of Urology Department		
Competencies gained upon the successful completion of the subject: The competencies are detailed in the aim of the subject		
Prerequisite(s) for admission to the subject: Finished the 4 th year of a Medical University with completed subjects of surgery 2 and radiology.		
Minimum and maximum number of students registering for the course: min:12; max: 200		
Student selection method in case of oversubscription: none		
How to register for the course: Through the Neptun system		
Detailed thematic of the course²:		
<i>Lectures</i>		
1. Sep 11th	History of Urology. Symptoms, Diagnostic Measures	Prof. Nyirády
2. Sep 18th	Male Infertility	Dr. Kopa
3. Sep 25th	Prostate Cancer	Prof. Nyirády
4. Oct 2nd	Embryology of the uro-genital tract	Prof. Nyirády
5. Oct 9th	Benign Prostatic Hyperplasia	Prof. Nyirády
6. Oct 16th	Renal Tumours	Dr. Keszthelyi
7. Oct 30th	Injuries to the GU Tract	Dr. Horváth
8. Nov 6th	Urolithiasis. Diagnosis and Treatment	Dr. Szendrői
9. Nov 13th	Tumours of the Urinary Bladder	Dr. Riesz
10. Nov 20th	Testicular and Penile Tumours	Dr. Szűcs
11. Nov 27th	Management of Urological Diseases in Childhood	Prof. Nyirády
12. Dec 4th	Endourology	Dr. Horváth
13. Dec 11th	Incontinence, Neurogenic Bladder	Dr. Majoros
<i>Practices (in 2-week-courses)</i>		
Tutors: Dr. Molnár Dr. Fazekas, Dr. Módos, Dr. Romics, Dr. Szendrői, Dr. Vargha, Dr. Bánfi, Dr. Horváth, Dr. Juhász, Dr. Riesz Dr. Szalontai, Dr. Bécsi, Dr. Hüttl		
Potential overlap(s) with other subjects: none		
Special training activities required³: none		
Policy regarding the attendance and making up absences: Only official medical certificate is accepted		

Means of assessing the students' progress during the semester⁴: not applicable
Requirement for acknowledging the semester (signature): Taking part in the 60% of lectures and all but max 3 practical classes
Type of the examination: oral
Exam requirements⁵: Urology <ol style="list-style-type: none"> 1. Most important surgical interventions in urology 2. Developmental disorders of the kidney, the ureter and the bladder 3. Developmental disorders of the urethra and the male genitalia 4. Injuries to the kidney, the ureter and the bladder 5. Lesions of the urethra and the genital organs, their early and late consequences 6. Stenoses and fistulas in the urinary tract 7. Differential diagnosis of acute abdomen (with particular attention to urologic diseases) 8. Urological emergency 9. Urine leaks, urodynamics 10. Painful and difficult voiding 11. Acute and chronic renal failure 12. Ultrasound examination of the kidney and the ureter, X-ray and isotopes 13. Imaging techniques of examination the bladder, the prostate and the male genitals 14. Non-specific infections of the kidney parenchyma and of the capsules 15. Cystitis and urethritis 16. Inflammations of the prostate and the male genitals 17. Development of urolithiasis, its types, prevention 18. Diagnostics and treatment of urinary stones 19. Diseases of the male genitalia, their diagnostics and treatment 20. Symptoms and differential diagnosis of BPH (benign prostatic hyperplasia) 21. Conservative and surgical treatment of BPH (benign prostatic hyperplasia) 22. Male sexual disorders of fertility 23. Male sexual dysfunctions 24. Pediatric urology Urooncology <ol style="list-style-type: none"> 1. Groups of antineoplastic drugs in urology 2. Renal tumours 3. Tumours of the pyelon and ureter 4. Superficial bladder cancer 5. Muscle-invasive bladder cancer 6. Incidence, symptoms and diagnosis of prostate cancer 7. Localized prostate cancer 8. Treatment of advanced prostate cancer 9. Penile tumours 10. Testicular tumours 11. Haematuria
Type and method of grading⁶: The grade depends on the practice score given by the tutor of the student and on the examiner's opinion, which is determined by the student's performance on the spot.
How to register for the exam: Through the Neptun system
Opportunities to retake the exam: Retaking the exam is free once, second for additional fee
Literature, i.e. printed, electronic and online notes, textbooks, tutorials (URL for online material): Nyirády P., Romics I. (ed.): Textbook of Urology, Semmelweis Kiadó, Budapest, 2009
Signature of the tutor:
Signature(s) of the head(s) of the Institute(s):
Date: 07.06.2022

Credit Transfer Committee's opinion:

Comment of the Dean's Office:

Signature of the Dean:

¹ Dékáni Hivatal tölti ki, jóváhagyást követően.

² Az elméleti és gyakorlati oktatást órákra (hetekre) lebontva, sorszámozva külön-külön kell megadni, az előadók és a gyakorlati oktatók nevének feltüntetésével. Mellékletben nem csatolható!

³ Pl. terepgyakorlat, kórlapelemzés, felmérés készítése stb.

⁴ Pl. házi feladat, beszámoló, zárthelyi stb. témaköre és időpontja, pótlásuk és javításuk lehetősége.

⁵ Elméleti vizsga esetén kérjük a tételsor megadását, gyakorlati vizsga esetén a vizsgáztatás témakörét és módját.

⁶ Az elméleti és gyakorlati vizsga beszámításának módja. Az évközi számonkérések eredményeink beszámítási módja.