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Educational objectives (max. 6 items)

1. . During the course students would know the pathophysiology of the genito-urinary tract diseases
2. They would know symptomatology, methods of the diagnosis, diagnostic procedures and treatment of the genito-urinary tract diseases
3. Practical and theoretical knowledge of the interview and physical urological examinations (digital rectal examination) , interpretation of the radiological examinations, laboratory examinations , the methods of the diagnosis and treatment of the acute diseases of the genito-urinary tract, catheterization of the patients, cystostomy and other urinary stomies.
4. Special place in the teaching of urology is reserved for urological oncology: the diagnosis and treatment neoplasms of the kidney,ureter, urinary bladder and the testis.

Education result matrix for module/course in relation to verification methods of the intended education result and the type of class

Number of course education result	Number of major education result	Student who completes the module/course knows/is able to	Methods of verification of intended education results (forming and summarising)	Form of didactic class **enter the abbreviation
K 01	<p>. A.W1 F.W.1</p> <p>A.U1 F.W.3</p> <p>F.W.4</p> <p>F.W.5</p> <p>F.W.10</p>	<p>Please enter from 5 to max. 7 education results -- examples of verbs defining the education result in the scope of student's knowledge: describes, defines, explains, FW1</p> <p>Knows and understands the causes of diagnostic and therapeutcal procedures of the most common diseases , surgical –urological intervention including children in acute and chronic abdominal diseases.</p> <p>F.W.3 Student knows rules of qualification and complications of basic urological procedures</p> <p>F.W.4 Student knows the rules of perioperative management and has knowledge of general and local anasthaesia and sedation..</p> <p>F.W.5 Student knows postoperative medical treatment of pain and postoperative monitoring.</p> <p>F.W.10 Student knows radiological symptomatology and indications for radiological diagnostic procedures.: a. radiological symptomatology of</p>	<p>Oral response</p> <p>Oral exam</p>	<p>L, S, CC</p>



		<p>most common diseases</p> <p>b. knows instrumental methods and visual techniques used in therapeutic procedures</p> <p>c. indications and contraindications to various radiologic procedures and using various contrast mediums.</p>		
S 01	<p>U01</p> <p>U02</p> <p>U03</p> <p>U04</p> <p>U05</p> <p>U06</p> <p>U23</p> <p>U24</p> <p>U29</p>	<p>Please enter from 5 to max. 7 education results – examples of verbs defining the education result in the scope of student's knowledge: uses, performs, resolves</p> <p>F.U1 Student assists in typical urologic operatin,prepares the operation field and performs local anaesthesia</p> <p>F.U.2 Student knows basic surgical instruments</p> <p>F.U.3 Student knows rules of aseptic and antiseptic methods</p> <p>F.U.4 Student knows procedures of the treatment simple trauma.</p> <p>F.U.5 Student makes the perpheral insertion of venous catheter</p> <p>F.U.6 Student knows the methods of examination the breast, thyroid gland , lymph nodes and abdomen in the case of suspicion the acute abdomen and digital rectal examination.</p> <p>F.U.23 Student knows the indications for cystostomy and participates in this procedure.</p> <p>FU24 Student assists during typical urological procedures(diagnostic endoscopy and therapeutic endoscopy of the urinary tract, lithotripsy and prostatic puncture)</p> <p>F.U.29 Student makes the basic medical procedures:</p>		CC,S



<p>K1</p> <p>K2</p>		<p>a. catheterization of women and men , insertion of naso-gastric tube, gastric lavage</p> <p>K 1 Student cooperates in the group and with patients</p> <p>K 2 Student is active in basic urological procedures</p>		
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** L - lecture; SE - seminar; AC – auditorium classes; MC – major classes (non-clinical); CC – clinical classes; LC – laboratory classes; SCM – specialist classes (magister studies); CSC – classes in simulated conditions; FLC – foreign language course; PCP practical classes with patient; PE – physical education (obligatory); VP – vocational practice; SS – self-study, EL – E-learning .

Please mark on scale 1-5 how the above effects place your classes in the following categories: communication of knowledge, skills or forming attitudes:

Knowledge: .5...

Skills: ...5.

Student's amount of work (balance of ECTS points)

Student's workload (class participation, activity, preparation, etc.)	Student Workload (h)
1. Contact hours:	34
2. Student's own work (self-study):	50
Total student's workload	84
ECTS points for module/course	4
Comments	

Content of classes (please enter topic words of specific classes divided into their didactic form and remember how it is translated to intended educational effects)

Lectures

1. LECTURES

1. Diseases of the prostate, BPH- etiology, treatment and fitotherapy.
2. Traumatic disorders of genitor -urinary system.
3. Infectious diseases and sexually transmitted diseases of genito-urinary tract.
4. Modern methods of diagnosis and treatment of the genito-urinary malignancies
5. Neurogenic dysfunctions of urinary tract
6. Acute diseases of genitor-urinary tract

2.



3.

Seminars

1. Neoplasms of the testis and the kidney.
- Urinary incontinence, urodynamic diagnosis Erectile dysfunction, diagnosis and treatment

Practical classes

1. PRACTICAL CLASSES

- 1 Diagnostic methods in diseases of genito-urinary tract
- Uroloithiasis. Infectious diseases of genitourinary tract. ESWL, prophylaxis
- Prostatic cancer, diagnosis, laboratory methods. Surgical treatment, pharmacotherapy
- Bladder tumors, urinary diversion.

Other

- 1.
 - 2.
 - 3.
- etc. ...

Basic literature (list according to importance, no more than 3 items)

1. Smith's General Urology, E.A. Tanagho, J.W. McAnish 2009

- 2.
- 3.

Additional literature and other materials (no more than 3 items)

- 1.
- 2.
- 3.

Didactic resources requirements (e.g. laboratory, multimedia projector, other...)

Multimedia projector, pendrive, notebook, laptop, internet, didactic room, urologic phantoms for digital rectal examination and urologic instruments for demonstration.

Preliminary conditions (minimum requirements to be met by the student before starting the module/course)

V year students, basic knowledge about topic of the current class, anatomy, physiology and patophysiology of the urinary tract.

Conditions to receive credit for the course (specify the form, criteria and conditions of receiving credit for classes included in the module/course, admission terms to final theoretical or practical examination, its form and requirements to be met by the student to pass it and criteria for specific grades).

Each absence must be made up, including rector's days or dean's hours

> 50% correct answers

100 % attendance



Grade:	Criteria for course
Very Good (5.0)	91-100% positive answers
Good Plus (4.5)	80-90% positive answers
Good (4.0)	70-80% positive answers
Satisfactory Plus (3.5)	60-70 % positive answers
Satisfactory (3.0)	50-60% positive answers
Grade:	Criteria for exam (if applicable)
Very Good (5.0)	91-100% positive answers
Good Plus (4.5)	80-90% positive answers
Good (4.0)	70-80% positive answers
Satisfactory Plus (3.5)	60-70 % positive answers
Satisfactory (3.0)	50-60% positive answers

Name of unit teaching course:	Department of Urology and Urological Oncology
Address	Wrocław, Borowska 213 str., strzelecka@usk.wroc.pl , 71 7331010
Phone	71 7331010
E-mail	strzelecka@usk.wroc.pl

Person responsible for course:	...Prof.dr hab. Prof.dr hab. Romuald Zdrojowy
Phone	, 71 7331010
E-mail	romuald.zdrojowy@umed.wroc.pl

<i>List of persons conducting specific classes:</i>	<i>degree/scientific or professional title</i>	<i>Discipline</i>	<i>Performer profession</i>	<i>Form of classes</i>
prof. dr hab. Romuald Zdrojowy, urology , CC,SE, LE	Prof.dr hab	urology	urology	CC, L, S
Dr hab. Anna Kołodziej	Dr hab.	urology	urology	CC, L, S



,urology , CC,SE				
Dr. N. med. Bartosz Małkiewicz, urology, CC,SE	Dr n.med.	urology	urology	CC, L, S
Dr n.med. Wojciech Krajewski	Dr n.med.	urology	urology	CC, S
Lek. Michał Matuszewski	Lek.	urology	urology	CC, S
Dr hab. Janusz Dembowski	Dr hab., prof. nadzw.	urology	urology	CC, L, S
Lek. Paweł Hackemer	Lek.	urology	urology	CC, S
Lek. Fryderyk Menzel	Lek	urology	urology	CC, S
Lek. Mateusz Dzięgała	Lek	urology	urology	CC, S
Lek. Wojciech Tomkalski	Lek	urology	urology	CC, S

Date of Syllabus development

26.06.2018.....

Syllabus developed by

Dr hab. Janusz Dembowski

prof.nadzw.....

Signature of Head of teaching unit

Prof. dr hab. Romuald Zdrojowy
KATEDRA I KLINIKA UROLOGII
I ONKOLOGII UROLOGICZNEJ
kierownik

prof. dr hab. med. Romuald Zdrojowy

Signature of Faculty Dean

VICE-DEAN

Prof. Andrzej Hendrich, PhD

