



Syllabus for academic year: 2021/2022 Training cycle: 2017/2018-2022/23													
Description of the course													
Course	Urology										Group of detailed education results		
											Group code F	Group name Clinical surgical sciences	
Faculty	Faculty of Medicine												
Major	medicine												
Level of studies	uniform magister studies X <input type="checkbox"/> 1 <sup>st</sup> degree studies <input type="checkbox"/> 2 <sup>nd</sup> degree studies <input type="checkbox"/> 3 <sup>rd</sup> degree studies <input type="checkbox"/> postgraduate studies												
Form of studies	X full-time <input type="checkbox"/> part-time												
Year of studies	V					Semester:	X winter <input type="checkbox"/> summer						
Type of course	x obligatory <input type="checkbox"/> limited choice <input type="checkbox"/> free choice / optional												
Language of study	<input type="checkbox"/> Polish X English												
Number of hours													
Form of education													
	Lectures (L)	Seminars (SE)	Auditorium classes (AC)	Major Classes – not clinical (MC)	Clinical Classes (CC)	Laboratory Classes (LC)	Classes in Simulated Conditions (CSC)	Practical Classes with Patient (PCP)	Foreign language Course (FLC)	Physical Education (PE)	Vocational Practice (VP)	Directed Self-Study (DSS)	E-learning (EL)
<b>Winter semester:</b>													
University Urology Center (Dep. in charge of the course)													
Direct (contact) education <sup>1</sup>		5			16								
Distance learning <sup>2</sup>	14												
<b>Summer semester:</b>													
(Dep. in charge of the course)													

<sup>1</sup> Education conducted with direct participation of university teachers or other academics

<sup>2</sup> Education with applied methods and techniques for distance learning



Direct (contact) education														
Distance learning														
<b>TOTAL per year: 35</b>														
University Urology Center														
Direct (contact) education		5			16									
Distance learning	14													
<b>Educational objectives (max. 6 items)</b>														
<ol style="list-style-type: none"> <li>1. During the course students would know the pathophysiology of the genito-urinary tract diseases</li> <li>2. They would know symptomatology, methods of the diagnosis, diagnostic procedures and treatment of the genito-urinary tract diseases</li> <li>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.</li> <li>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.</li> <li>5. Development social competences needed to practice the medical profession, in accordance with graduate's profile.</li> </ol>														
<b>Education result for course in relation to verification methods of the intended education result and the type of class:</b>														
Number of detailed education result	Student who completes the course knows/is able to					Methods of verification of intended education results			Form of didactic class <i>*enter the abbreviation</i>					
FW1	Student knows : causes, symptoms, principles of diagnosis and therapeutic management in relation to the most common diseases requiring surgical intervention, taking into account the distinctiveness of childhood, including in particular: 1) acute and chronic diseases of the abdominal cavity, 2) chest diseases, 3) limb diseases and head, 4) bone fractures and organ injuries					Oral response Practical proc. Oral exam			L SE CC					
FW3	Knows the rules of qualification for basic surgical procedures and invasive diagnostic and therapeutic procedures, the rules of their performance and the most common complications;					Oral response Practical proc. Oral exam			L SE CC					
FW4	knows the principles of perioperative safety, patient preparation for surgery, general and local anesthesia and controlled sedation					Oral response Practical proc. Oral exam			L SE CC					
FW10	knows the problems of currently used imaging tests, in particular: 1) radiological symptomatology of basic diseases, 2) instrumental methods and imaging techniques used to perform medical procedures, 3) indications, contraindications and preparation of the patient for particular types of imaging tests and contraindications to the use of contrast agents;					Oral response Practical proc. Oral exam			L SE CC					



FU1	Is able to assists in a typical surgical procedure, prepares the operating field and locally anesthetizes the operated area;	Oral response Practical proc. Oral exam	L SE CC
FU2	Is able to uses basic surgical tools	Oral response Practical proc. Oral exam	L SE CC
FU3	Can adheres to the principles of asepsis and antisepsis	Oral response Practical proc. Oral exam	L SE CC
FU4	Students knows how to treat a straight wound, puts on and changes a sterile surgical dressing	Oral response Practical proc. Oral exam	L SE CC
FU6	resolves how to examines the nipples, lymph nodes, the thyroid gland and the abdominal cavity in terms of an acute abdomen, and also performs a finger exam through the anus	Oral response Practical proc. Oral exam	L SE CC
FU23	assesses the indications for suprapubic puncture and participates in its performance	Oral response Practical proc. Oral exam	L SE CC
FU24	Resolves assists during typical urological procedures( diagnostic endoscopy and therapeutic endoscopy of the urinary tract, lithotripsy and prostatic puncture)	Oral response Practical proc. Oral exam	L SE CC

\* L- lecture; SE- seminar; AC- auditorium classes; MC- major classes (non-clinical); CC- clinical classes; LC- laboratory classes; CSC- classes in simulated conditions; PCP- practical classes with patient; FLC- foreign language course; PE- physical education; VP- vocational practice; DSS- directed self-study; EL- E-learning

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

Student's workload (class participation, activity, preparation, etc.)	Student Workload
1. Number of hours of direct contact:	35
2. Number of hours of distance learning:	14
3. Number of hours of student's own work:	51,5
4. Number of hours of directed self-study	n/a
Total student's workload	86,5
ECTS points for course	3,5

**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. Prostate diseases: BPH, prostatitis, prostate cancer - diagnosis, symptoms, conservative and surgical treatment
2. Injuries of the genitourinary system
3. Infectious diseases of the genitourinary system
4. Advances in the surgical treatment of diseases of the genitourinary system
5. Neurogenic dysfunctions of urinary tract
6. Acute diseases of the genitourinary system

**Seminars**

1. Symptomatology of diseases of the genitourinary system. Imaging diagnostics and diagnostic methods of diseases of the genitourinary system /3 h.
2. Urinary incontinence and sexual dysfunction/ 2 hours

**Classes**



<p>1. Urolithiasis -diagnosis, prophylaxis, therapy: ESWL,URS,RIRS,PCNL, surgical treatment</p> <p>2. Neoplasms of the testis and the kidney</p> <p>3. Bladder cancer- symptoms, endoscopic diagnosis, surgical treatment, urinary diversions</p> <p>4. Prostate cancer-diagnosis, management, conservative and surgical treatment</p>
<p>Other</p>
<p><b>Basic literature</b> (list according to importance, no more than 3 items)</p> <p>1. Smith and Tanagho's General Urology, 19th Edition</p> <p>2. EAU –European Association of Urology Guidelines 2020</p> <p>3. Tomasz Drewa, Kajetan Juszcak: Urologia. Ilustrowany podręcznik dla studentów i stażystów, PZWL 2018r</p> <p><b>Additional literature and other materials</b> (no more than 3 items)</p> <p>1.</p> <p>2.</p> <p>3.</p>
<p><b>Preliminary conditions:</b> (minimum requirements to be met by the student before starting the course)</p> <p>knowledge of a student of the fifth year of medicine- knowledge of pathophysiology, anatomy of genito-urinary system</p>
<p><b>Conditions to receive credit for the course:</b> (specify the form and conditions of receiving credit for classes included in the 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)</p> <p>1. attendance, in the event of absence, make up for the classes in the form established by the assistant as provided for in the regulations</p> <p>2. positive assessment of the preparation for classes</p> <p>3. grading is made in direct contact with an academic teacher or using electronic means of communication.</p>

Grade:	Criteria for courses ending with a grade <sup>3</sup>
Very Good (5.0)	Outstanding knowledge of the issues covered by the program Outstanding knowledge of the issues covered by the program
Good Above (4.5)	90% knowledge of the issues covered by the program
Good (4.0)	80% knowledge of the issues covered by the program
Satisfactory Plus (3.5)	70% knowledge of the issues covered by the program
Satisfactory (3.0)	65% knowledge of the issues covered by the program
	<b>Criteria for courses ending with a credit<sup>3</sup></b>
Credit	

Grade:	Criteria for exam <sup>3</sup>
Very Good (5.0)	Outstanding knowledge of the issues covered by the program Outstanding knowledge of the issues covered by the program
Good Above (4.5)	90% knowledge of the issues covered by the program
Good (4.0)	80% knowledge of the issues covered by the program
Satisfactory Plus (3.5)	70% knowledge of the issues covered by the program
Satisfactory (3.0)	65% knowledge of the issues covered by the program

<sup>3</sup> The verification must cover all education results, which are realized in all form of classes within the course



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Person in charge for the course:	<b>Prof. dr hab. Tomasz Szydełko</b>
Telephone:	<b>71 733 10 10</b>
E-Mail:	<b>alicja.strzelecka@umed.wroc.pl</b>

**List of persons conducting specific classes:**

<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>
<b>Tomasz Szydełko</b>	<b>Prof.dr hab</b>	<b>urology</b>	<b>urologist</b>	<b>L,SE, CC</b>
<b>Romuald Zdrojowy</b>	<b>Prof.dr hab</b>	<b>urology</b>	<b>urologist</b>	<b>L,SE,CC</b>
<b>Janusz Dembowski</b>	<b>Dr hab.</b>	<b>urology</b>	<b>urologist</b>	<b>L,SE,CC</b>
<b>Anna Kołodziej</b>	<b>Dr hab.</b>	<b>urology</b>	<b>urologist</b>	<b>L,SE,CC</b>
<b>Bartosz Małkiewicz</b>	<b>Dr hab.</b>	<b>urology</b>	<b>urologist</b>	<b>L,SE,CC</b>
<b>Wojciech Krajewski</b>	<b>Dr hab.</b>	<b>urology</b>	<b>resident</b>	<b>SE,CC</b>
<b>Lukasz Nowak</b>	<b>lek.</b>	<b>urology</b>	<b>resident</b>	<b>SE,CC</b>
<b>Joanna Chorbinska</b>	<b>lek</b>	<b>urology</b>	<b>resident</b>	<b>SE,CC</b>
<b>Pawel Kielb</b>	<b>lek</b>	<b>urology</b>	<b>resident</b>	<b>SE,CC</b>
<b>Dawid Janczak</b>	<b>lek</b>	<b>urology</b>	<b>resident</b>	<b>SE,CC</b>

Date of Syllabus development  
22.06.2021

Syllabus developed by

.dr hab. Anna Kołodziej, prof.UMW.....

Signature of Head(s) of teaching unit(s)

Dean's signature

Wrocław Medical University  
Faculty of Medicine  
Vice Dean for Postgraduate Studies  
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