



Syllabus for academic year: 2021/2022
Training cycle: 2017/2018 – 2022/2023

Description of the course													
Course	Pediatric surgery										Group of detailed education results		
											Group code	Group name	
											F	Interventional Clinical Sciences	
Faculty	Faculty of Medicine												
Major	medicine												
Level of studies	<input checked="" type="checkbox"/> X uniform magister studies <input type="checkbox"/> 1 st degree studies <input type="checkbox"/> 2 nd degree studies <input type="checkbox"/> 3 rd degree studies <input type="checkbox"/> postgraduate studies												
Form of studies	<input checked="" type="checkbox"/> X full-time <input type="checkbox"/> part-time												
Year of studies	V										Semester:	<input checked="" type="checkbox"/> X winter <input type="checkbox"/> X summer	
Type of course	<input checked="" type="checkbox"/> X obligatory <input type="checkbox"/> limited choice <input type="checkbox"/> free choice / optional												
Language of study	<input type="checkbox"/> Polish <input checked="" type="checkbox"/> 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)
Winter semester:													
Department of Paediatric Surgery and Urology													
Direct (contact) education ¹					16								
Distance learning ²					4								
Summer semester:													
Department of Paediatric Surgery and Urology													
Direct (contact) education					12								
Distance learning					3								

¹ Education conducted with direct participation of university teachers or other academics

² Education with applied methods and techniques for distance learning



TOTAL per year:												
Department of Paediatric Surgery and Urology												
Direct (contact) education					28							
Distance learning					7							
Educational objectives (max. 6 items) C1. Knowledge of the individuality of a pediatric patient in terms of anatomy, surgical diseases and the method of communication C2. Knowledge and practical approach to birth defects requiring surgical intervention and k C3. Knowledge and practical approach to acute diseases requiring surgical intervention C4. Knowledge and practical approach to solid tumors of childhood C5. Knowledge and practical approach to childhood injuries and infections requiring surgical intervention C6. Development social competences needed to practice the medical profession, in accordance with graduate's profile.												
Education result for course in relation to verification methods of the intended education result and the type of class:												
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>						
F.W1	Knows and understands the 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 abdominal diseases, 2) chest diseases, 3) limb and head diseases, 4) bone fractures and organ injuries;				Verbal answer	CC						
F.W2	Knows and understands selected issues in the field of pediatric surgery, including traumatology and otorhinolaryngology, as well as acquired defects and diseases that are an indication for surgical treatment in children;				Verbal answer	CC						
F.W3	Knows and understands the principles of qualification for basic surgical procedures and invasive diagnostic and therapeutic procedures, the rules for their performance and the most common complications;				Verbal answer	CC						
F.W4	Knows and understands the principles of perioperative safety, preparation of the patient for surgery, performance of general and local anesthesia and controlled sedation;				Verbal answer	CC						
F.W13	Knows and understands the causes, symptoms, principles of diagnosis and therapeutic management in the case of the most common diseases of the central nervous system in the field of: 1) cerebral edema and its consequences, with particular emphasis on emergency conditions, 2) other forms of increased intracranial pressure with their consequences, 3) craniocerebral injuries, 4) vascular defects of the central nervous system, 5) cancerous tumors of the central nervous system, 6) diseases of the spine and spinal cord;				Verbal answer	CC						
E.U24	Can interpret the results of laboratory tests and identify the causes of deviations from the norm;				Performs activity in Clinic	CC						



E.U38	Can keep medical records of the patient;	Performs activity in Clinic	CC
F.U4	Can take care of a simple wound, put on and change sterile surgical dressing	Performs activity in Clinic	CC
F.U7	Can assess the result of radiological examination in terms of the most common types of fractures, especially fractures of long bones	Performs activity in Clinic	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:		28	
2. Number of hours of distance learning:		7	
3. Number of hours of student's own work:		17,5	
4. Number of hours of directed self-study		n/a	
Total student's workload		52,5	
ECTS points for course		2,0	
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			
Seminars			
Classes			
<ol style="list-style-type: none"> 1. On-line introduction to pediatric surgery - scope of diseases (subject of the first semester), taking a history, diagnostics, preparation for surgery (4 didactic hours) 2. Congenital defects of GI tract, acute abdomen and GI bleeding (4 didactic hours) 3. Chest cavity diseases requiring surgical intervention in children (4 didactic hours) 4. Congenital defects of Central Nervous System (4 didactic hours) 5. Clinical cases, summary of the semester, oral credit (4 didactic hours) 6. On-line introduction to pediatric surgery - scope of diseases (subject of the second semester), taking a history, diagnostics, preparation for surgery (3 didactic hours) 7. Congenital defects and diseases of urinary system, burns and related shock (3 didactic hours) 8. Some solid tumors in children that are treated surgically (3 didactic hours) 9. Traumatology of limbs, head, abdominal and chest cavity (3 didactic hours) 10. Clinical cases, summary of the semester, oral credit (3 didactic hours) 			
Other			
Basic literature (list according to importance, no more than 3 items)			
<ol style="list-style-type: none"> 1. Hills-Dunlap J.L., & Rangel S.J. (2020). Pediatric surgery. Doherty G.M.(Ed.), <i>Current Diagnosis & Treatment: Surgery, 15e</i>. McGraw-Hill. https://accessmedicine-1mhmedical-1com-1cm00h0ia091c.han.bg.umed.wroc.pl/content.aspx?bookid=2859&sectionid=242165546 2. Used also by residents and specialists: Pediatric Surgery. Coran et al. 7th Edition. https://www-1sciencedirect-1com-1wjhornia091d.han.bg.umed.wroc.pl/book/9780323072557/pediatric-surgery 			



3. Widely recognized journal in *Pediatric Surgery* community:

Journal of Pediatric Surgery: <https://www.jpedsurg.org/>

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

Preliminary conditions: (minimum requirements to be met by the student before starting the course)
Basic knowledge of general surgery and paediatrics, protective clothing and compliance with the currently applicable sanitary and epidemiological recommendations (including those concerning the COVID-19 pandemic, published on the UMW website www.umed.wroc.pl, www.usk.wroc.pl and other recommended websites)

Conditions to receive credit for the course: (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)

Attention! Attendance cannot be a condition for passing the course

Grade:	Criteria for courses ending with a grade ³
Very Good (5.0)	Credit with score of minimum 85% of correct answers and procedures performed - based on basic literature and knowledge from clinical classes
Good Above (4.5)	Credit with score of minimum 80% of correct answers and procedures performed - based on basic literature and knowledge from clinical classes
Good (4.0)	Credit with score of minimum 70% of correct answers and procedures performed - based on basic literature and knowledge from clinical classes
Satisfactory Plus (3.5)	Credit with score of minimum 65% of correct answers and procedures performed - based on basic literature and knowledge from clinical classes
Satisfactory (3.0)	Credit with score of minimum 60% of correct answers and procedures performed - based on basic literature and knowledge from clinical classes
	Criteria for courses ending with a credit³
Credit	

Grade:	Criteria for exam ³
Very Good (5.0)	
Good Above (4.5)	
Good (4.0)	
Satisfactory Plus (3.5)	
Satisfactory (3.0)	

Department in charge of the course:	Department of Paediatric Surgery and Urology
Department address:	Borowska 213 Street, Wrocław
Telephone:	0048 717364900
E-Mail:	kcd@usk.wroc.pl

Person in charge for the course:	Prof. Dariusz Patkowski, MD, PhD
Telephone:	0048 717364900
E-Mail:	dariusz.patkowski@umed.wroc.pl

List of persons conducting specific classes:

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



Name and surname	Degree/scientific or professional title	Discipline	Performed profession	Form of classes
Dariusz Patkowski	Professor	Pediatric surgery	physician	CC
Wojciech Apoznański	Professor	Pediatric surgery	physician	CC
Sylwester Gerus	MD	Pediatric surgery	physician	CC
Marcin Rasiewicz	MD	Pediatric surgery	physician	CC
Justyna Łuczak	MD, PhD	Pediatric surgery	physician	CC
Mateusz Palczewski	MD, PhD	Pediatric surgery	physician	CC
Agata Dzielendziak	MD	Pediatric surgery	physician	CC
Krzysztof Toczewski	MD	Pediatric surgery	physician	CC
Alicja Kalcowska	MD	Pediatric surgery	physician	CC
Katarzyna Świątek	MD	Pediatric surgery	physician	CC
Dominika Borselle	MD	Pediatric surgery	physician	CC
Monika Bukowska	MD	Pediatric surgery	physician	CC
Piotr Dryjański	MD	Pediatric surgery	physician	CC
Bartosz Gogolak	MD	Pediatric surgery	physician	CC

Date of Syllabus development

.....13.09.2021.....

Syllabus developed by

.....Mateusz Palczewski.....

Dean's signature

Wrocław Medical University
Faculty of Medicine
Vice-Dean for English Studies
.....
prof. Beata Sobieszczak, PhD

Uniwersytet Medyczny we Wrocławiu
Signature of Head(s) of teaching unit(s)
UROLOGIA DZIECIEC
kierownik

.....
prof. dr hab. n. med. Dariusz Patkowski

