



TOTAL per year:													
Pediatric Surgery and Urology Department		20											
Educational objectives (max. 6 items)													
C1. Knowledge of specific features of neonatal medicine													
C2. Congenital defects requiring surgical management in neonatal period													
C3. Acquired diseases in neonatal period requiring surgical treatment													
C4. Injuries and infectious diseases in newborns requiring surgical management													
C5. Ethics and medical conduct													
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 <i>**enter the abbreviation</i>			
K1	E.W3	<p>Understands and knows symptoms and signs, principles of diagnostic and therapeutic management in cases of the most common surgical diseases of childhood:</p> <p>a. congenital defects of respiratory system</p> <p>b. neoplasms in children including solid tumors</p> <p>3. acute and chronic abdominal pain, vomiting, constipation, gastrointestinal haemorrhage, and other congenital and acquired Oral response, colloquium diseases of the gastrointestinal tract</p> <p>d. infection of urinary tract, congenital defects , dysuria, vesico-ureteral reflux</p>					Oral response, colloquium			SE			



K2	F.W1	Understands and knows causes, symptoms and signs, principles of diagnostic and therapeutic management of the most common diseases in children requiring surgical management including the specific features of pediatric pathology	Oral response, colloquium	SE
K3	F.W2	Understands and knows principles of selected topics from pediatric surgery including traumatology, congenital defects and acquired diseases in children requiring surgical management	Oral response, colloquium	SE
K4	F.W3	Knows indications, principles and potential complications of the most common surgical procedures in children	Oral response, colloquium	SE
S1	E.U2	Takes a medical history with a child and its family	Oral response, colloquium	SE
S2	E.U4	Conducts a physical examination of a child regardless of its age	Oral response, colloquium	SE
S3	E.U7	Can assess a general condition of a child	Oral response, colloquium	SE
S4	E.U12	Can perform a differential diagnosis of the most common pediatric diseases	Oral response, colloquium	SE
S5	E.U12	Makes a plan of diagnostic, therapeutic and preventive management	Oral response, colloquium	SE
S6	F.U6	Examines lymph nodes, thyroid gland and abdominal cavity	Oral response, colloquium	SE
S7	F.U7	Can assess an x-ray in cases of the most common traumatic injuries, specifically of the long bones in	Oral response, colloquium	SE



		children		
<p>** 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 .</p>				
<p>Please mark on scale 1-5 how the above effects place your classes in the following categories: communication of knowledge, skills or forming attitudes:</p>				
<p>Knowledge: 5</p>				
<p>Skills: 4</p>				
<p>Student's amount of work (balance of ECTS points)</p>				
<p>Student's workload (class participation, activity, preparation, etc.)</p>			<p>Student Workload (h)</p>	
<p>1. Contact hours:</p>			<p>20</p>	
<p>2. Student's own work (self-study):</p>			<p>6</p>	
<p>Total student's workload</p>			<p>26</p>	
<p>ECTS points for module/course</p>			<p>1,0</p>	
<p>Comments</p>				
<p>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)</p>				
<p>Seminars</p>				
<p>1. Specific features of anatomy and physiology of the newborn and their impact on surgical management</p>				
<p>2. Preparation of newborn for operative procedure. Postoperative care.</p>				
<p>3. Congenital oesophageal atresia</p>				
<p>4. Congenital defects of the gastrointestinal tract.</p>				
<p>5. Hypertrophic pyloric stenosis.</p>				
<p>6. Dysraphic defects of CNS. Hydrocephalus.</p>				
<p>7. Congenital diaphragmatic hernia. Congenital chest abnormalities.</p>				
<p>8. Necrotizing enterocolitis. Principles of nutrition in infancy. Anterior abdominal wall defects.</p>				
<p>9 Gastrointestinal hemorrhage in newborns.</p>				
<p>10. Neoplasms in infants.</p>				
<p>11. Congenital defect of the urinary system in children.</p>				
<p>12. Birth trauma</p>				
<p>13. Dysganglionoses in newborns. Morbus Hirschsprung. Anorectal anomalies.</p>				
<p>14. Vascular tumors in newborns.</p>				



Basic literature (list according to importance, no more than 3 items) 1. Ashcraft's Pediatric Surgery, 6th Edition, Expert Consult - Online + Print Authors: George Holcomb Jerry Murphy Daniel Ostlie	
Didactic resources requirements (e.g. laboratory, multimedia projector, other...) Computer, projector	
Preliminary conditions (minimum requirements to be met by the student before starting the module/course) Minimum 6 semesters completed	
Conditions to receive credit for the course Receiving credit: oral response at the end of every seminar, criteria described below Each absence must be made up, including rector's days or dean's hours. Form: a presentation or an essay prepared during the self-study hours.	
Grade:	Criteria for course
Very Good (5.0)	Oral response , 12/14s correct answer for the questions from each topic (14 topics – 14 questions)
Good Plus (4.5)	Oral response, 11/14 correct answers for questions from each topic (14 topics – 14 questions)
Good (4.0)	Oral response, 10/14 correct answers for questions from each topic (14 topics – 14 questions)
Satisfactory Plus (3.5)	Oral response, 8/14 correct answers for questions from each topic (14 topics – 14 questions)
Satisfactory (3.0)	Oral response, 6/14 correct answers for questions from each topic (14 topics – 14 questions)
Grade:	Criteria for exam (if applicable)
Very Good (5.0)	
Good Plus (4.5)	
Good (4.0)	
Satisfactory Plus (3.5)	
Satisfactory (3.0)	

Name of unit teaching course:	Department of Pediatric Surgery and Urology
Address	M.Sklodowska-Curie 52 50-367 Wrocław
Phone	717703001
E-mail	justyna.luczak@umed.wroc.pl

Person responsible for course:	Justyna Łuczak
Phone	717703001
E-mail	justyna.luczak@umed.wroc.pl



List of persons conducting specific classes:	degree/scientific or professional title	Discipline	Performer profession	Form of classes
Maciej Baglaj	Professor	Pediatric surgery	MD	seminar
Justyna Łuczak	Assistant	Pediatric surgery	MD	seminar

Date of Syllabus development

12/7/19

Syllabus developed by

.....Justyna Łuczak.....

Signature of Head of teaching unit

prof. dr hab. n. med. Dariusz Pałkowski

KATEDRA I KLINIKA CHIRURGII
UROLOGII I DZIECIĘCY
KSIĘWNIK
Uniwersytet Medyczny we Wrocławiu

Signature of Faculty Dean

Wrocław Medical University
FACULTY OF MEDICINE
VICE-DEAN FOR STUDIES IN ENGLISH

Prof. Andrzej Hendrich, PhD