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Syllabus for academic year: 2021/2022 Training cycle: 2018/2019 – 2022/2023													
Description of the course													
Course	Pediatrics										Group of detailed education results		
											Group code E	Group name  non-surgical clinical sciences	
Faculty	Dentistry												
Major	dentistry												
Level of studies	X uniform magister studies												
Form of studies	X full-time <input type="checkbox"/> part-time												
Year of studies	4					Semester:		X summer					
Type of course	X obligatory												
Language of study	<input type="checkbox"/> Polish <input checked="" type="checkbox"/> 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)
Summer semester:													
Dpt of Pediatric Nephrology; Dpt of Pediatrics, Gastroenterology and Nutrition													
Direct (contact) education					35								
Distance learning	10												
Educational objectives:													
C1. The student learns distinct developmental age of the child.													
C2. The student becomes familiar with the principles of nutrition of healthy and sick children, with particular													



- emphasis on breastfeeding.  
C3. The student learns the principles of subjective and objective examination of children.  
C4. The student learns the basic symptomatology of childhood diseases.  
C5. The student becomes familiar with the proceedings in a life-threatening condition in children.  
ect.

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>
E.W1	The student knows the cause between alternatives and genetic causes and causes, and clinical symptoms and the possibilities and causes of health;	Oral answer	L, CC
E.W2	The student knows the basic principles of a medical examination, knows the principles of natural and artificial feeding, expansion schemes diet. Explains the principles of balance sheet health.	Oral answer	L, CC
E.W3	The student presents etiopathogenesis and symptomatology of diseases of the nervous system, respiratory, haematological, urinary, endocrine, and gastrointestinal tract.	Oral answer	L, CC
E.W20	The student recognizes the cases in which the patient should be referred to the hospital	Oral answer	L, CC
E.U1	The student is able to carry out the differential diagnosis of the most common diseases	Continuous assessment during exercise by the teacher. Oral response during exercise.	CC
E.U2	The student is able to evaluate and describe the somatic and mental state of the patient.		CC
E.U3	The student is able to plan diagnostic and therapeutic procedures in the case of the most common diseases;		CC
E.U4	The student interprets the results of basic additional tests, draws conclusions from the performed tests.		CC
E.U8	The student recognizes life-threatening conditions, administering or prescribing appropriate medications.		CC
E.U20	The student performs basic medical procedures and treatments: measuring temperature, heart rate, blood pressure, monitoring basic vital parameters with a cardiomonitor, pulse oximeter and assisting with intramuscular and subcutaneous injections.		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	
<b>Student's amount of work (balance of ECTS points):</b>	
<b>Student's workload</b> (class participation, activity, preparation, etc.)	<b>Student Workload</b>
1. Number of hours of direct contact:	35
2. Number of hours of distance learning:	10
3. Number of hours of student's own work:	25
4. Number of hours of directed self-study	
Total student's workload	70
ECTS points for course	2
<b>Content of classes:</b>	
<p><b>Lectures 5 x 2 h</b></p> <ol style="list-style-type: none"> <li>1. Child's development, the impact of endo- and exogenous factors on development and congenital malformations, including the craniofacial region. Diseases of the lips, tongue, oral cavity, salivary glands and lateral nose cavities..</li> <li>2. Selected topics of pediatric gastroenterology</li> <li>3. Selected topics of the respiratory tract.</li> <li>4. Diatheses: plasmatic, platelet, vascular. Pediatric anemias.</li> <li>5. Selected topics of pediatric nephrology.</li> </ol>	
<p><b>Classes</b></p> <ol style="list-style-type: none"> <li>1. The rules of newborn and infant nursing. Breast feeding. The advantages and features of mother's milk. Formula feeding, content of infant formulas. Physical examination and history taking – pediatric peculiarities.</li> <li>2. The child's psychophysical development, methods of assessment, developmental charts. Measurement of length, body mass, blood pressure, respiratory rate and pulse. Dentition in various developmental periods. Physical examination - cd.</li> <li>3. Rickets in children. Vitamin A, C, B2, B6 deficiency. Convulsive states in children, causes, treatment.</li> <li>4. Diseases of the respiratory tract: acute and chronic inflammatory disorders, asthma.</li> <li>5. Selected hematological issues and cancers in children.</li> <li>6. Kidney diseases: urinary tract infection, kidney stone disease, glomerulonephritis, renal failure.</li> <li>7. Selected endocrinological aspects: diabetes, hypo-/hyperthyreosis, adrenal cortical insufficiency/Cushing syndrome.</li> <li>8. Connective tissue diseases: lupus nephritis, juvenile idiopathic arthritis.</li> <li>9. Abdominal pain in children - causative factors, diagnostics, acute and chronic diarrheas.</li> <li>10. Selected topics of cardio-vascular disease in children</li> <li>11. Pediatric emergencies: diagnosis and treatment.</li> <li>12. Final test and credit gaining.</li> </ol>	
<b>Basic literature:</b>	
<ol style="list-style-type: none"> <li>1. Pediatrics Tom Lissauer, Graham Clayden eds.</li> <li>2. Bates' guide to physical examination and history taking Lynn E. Bickley</li> </ol>	
<b>Additional literature and other materials:</b>	
<ol style="list-style-type: none"> <li>1. Nelson's Pediatrics</li> </ol>	

**Preliminary conditions:**

Passing the internal medicine exam after the 7th semester of studies

**Conditions to receive credit for the course:**

credit with a grade obtained from the final test, which will consist of 30 questions (30 points). Scores below, taking the test on the last day of exercises after meeting the standard requirements (attendance or homework, acquiring the required skills).

Grade:	Criteria for courses ending with a grade <sup>1</sup>
Very Good (5.0)	29-30 points from the final test
Good Above (4.5)	26-28 points from the final test
Good (4.0)	23-25 points from the final test
Satisfactory Plus (3.5)	23-25 points from the final test
Satisfactory (3.0)	Minimum 18 points from the final test

Grade:	Criteria for exam <sup>3</sup>
Very Good (5.0)	Full answer to all questions asked, the ability to independently solve all diagnostic problems
Good Above (4.5)	Full answer to 90% of the questions asked, the ability to independently solve diagnostic problems in 80%
Good (4.0)	Complete answer to 80% of the questions asked, the ability to independently solve diagnostic problems in 70%
Satisfactory Plus (3.5)	Complete answer to 70% of the questions asked, the ability to independently solve diagnostic problems in 60%
Satisfactory (3.0)	Complete answer to 60% of the questions asked, the ability to independently solve diagnostic problems in 60%

Unit realizing the course:	Dpt of Paediatric Nephrology, 2 <sup>nd</sup> Dpt of Paediatrics, Gastroenterology and Nutrition
Unit address:	Ul. Borowska 213, ul M. Skłodowskiej-Curie 50/52
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Person responsible for the course:	Prof. dr hab. Irena Makulska
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<sup>1</sup> The verification must cover all education results, which are realized in all forms of classes within the course



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<b>List of persons conducting specific classes:</b>				
Name and surname	Degree/scientific or professional title	Discipline	Performed profession	Form of classes
Katarzyna Kiliś-Pstrusińska	Prof, MD, PhD	Medical science	pediatrician, nephrologist, pediatric nephrologist	classes
Kinga Musiał	Prof, MD, PhD	Medical science	pediatrician, nephrologist, pediatric nephrologist	Lectures, classes
Agnieszka Pukajto-Marczyk	MD, PhD	Medical science	pediatrician, pediatric nephrologist	classes
Konstancja Fornalczyk	MD, PhD	Medical science	pediatrician, pediatric nephrologist	classes
Katarzyna Prościak	MD	Medical science	In the course of specialization in pediatric nephrology	classes
Andrzej Stawarski	MD, PhD		pediatrician, gastroenterologist	classes
Krystyna Mowszet	MD, PhD		pediatrician, gastroenterologist	classes
Tomasz Pytrus	MD, PhD	Medical science	pediatrician, gastroenterologist	classes
Elżbieta Krzesiek	MD, PhD		pediatrician, gastroenterologist	classes
Anna Kofla - Dłubacz	MD, PhD	Medical science	pediatrician, pediatric gastroenterologist	classes
Agnieszka Borys-Iwanicka	MD, PhD	Medical science	pediatrician, pediatric gastroenterologist	classes
Katarzyna Akutko	MD, PhD	Medical science	pediatrician, in the course of specialization in pediatric	classes



			gastroenterology	
Tatiana Jamer	MD, PhD	Medical science	pediatrician, in the course of specialization in pediatric gastroenterology	classes
Anna Danczewicz	MD	Medical science	doctor	classes
Joanna Braksator	MD	Medical science	Pediatrician, in the course of specialization in pediatric gastroenterology	classes
Natalia Olszak	MD	Medical science	doctor	classes
Iga Stankiewicz	MD	Medical science	doctor	classes
Paulina Kuchalska	MD		doctor	classes
Paula Grębska	MD		doctor	classes
Alicja Kućma	MD		doctor	classes
Bartłomiej Śmieszniak	MD		doctor	classes
Karolina Sakowicz	MD		doctor	classes
Sonia Watras	MD		doctor	classes

Date of Syllabus development

15.07.2021 r

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Dean's signature

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