



Syllabus for academic year: 2021/2022 Training cycle: 2019/2020 – 2024/2025													
Description of the course													
Course	Pediatrics (Propaedeutics)								Group of detailed education results				
									Group code E	Group name non- interventional clinical sciences			
Faculty	Faculty of Medicine												
Major	medicine												
Level of studies	X uniform magister studies												
Form of studies	X full-time <input type="checkbox"/> part-time												
Year of studies	III						Semester:	X winter 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)
Winter semester: 14h lectures, 45h clinical classes													
1st Department of Paediatrics, Allergology and Cardiology													
Direct (contact) education <sup>1</sup>					45								
Distance learning <sup>2</sup>													
2nd Department of Paediatrics, Gastroenterology and Nutrition													
Direct (contact) education <sup>3</sup>					45								
Distance learning <sup>4</sup>													
3rd Department of Paediatrics, Immunology and Rheumatology													
Direct (contact) education <sup>5</sup>					45								

<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

<sup>3</sup> Education conducted with direct participation of university teachers or other academics

<sup>4</sup> Education with applied methods and techniques for distance learning

<sup>5</sup> Education conducted with direct participation of university teachers or other academics



Distance learning <sup>6</sup>	14																		
<b>Department of Paediatric Endocrinology</b>																			
Direct (contact) education <sup>7</sup>										45									
Distance learning <sup>8</sup>																			
<b>Department of Paediatric Bone Marrow Transplantation, Oncology and Haematology</b>																			
Direct (contact) education <sup>9</sup>										45									
Distance learning <sup>10</sup>																			
<b>Department of Paediatric Nephrology</b>																			
Direct (contact) education <sup>11</sup>										45									
Distance learning <sup>12</sup>																			
Summer semester: 14h lectures, 27h clinical classes																			
<b>1st Department of Paediatrics, Allergology and Cardiology</b>																			
Direct (contact) education										21									
Distance learning																			
<b>2nd Department of Paediatrics, Gastroenterology and Nutrition</b>																			
Direct (contact) education										21									
Distance learning																			
<b>3rd Department of Paediatrics, Immunology and Rheumatology</b>																			
Direct (contact) education										21									
Distance learning	12																		
<b>Department of Paediatric Endocrinology</b>																			
Direct (contact) education										21									
Distance learning																			
<b>Department of Paediatric Bone Marrow Transplantation, Oncology and Haematology</b>																			
Direct (contact) education										21									
Distance learning																			
<b>Department of Paediatric Nephrology</b>																			
Direct (contact) education										21									

<sup>6</sup> Education with applied methods and techniques for distance learning  
<sup>7</sup> Education conducted with direct participation of university teachers or other academics  
<sup>8</sup> Education with applied methods and techniques for distance learning  
<sup>9</sup> Education conducted with direct participation of university teachers or other academics  
<sup>10</sup> Education with applied methods and techniques for distance learning  
<sup>11</sup> Education conducted with direct participation of university teachers or other academics  
<sup>12</sup> Education with applied methods and techniques for distance learning



Distance learning														
Department of Neonatology														
Direct (contact) education					6									
Distance learning	2													
<b>TOTAL per year:</b>														
All clinics jointly in the summer and winter semester														
Direct (contact) education					72									
Distance learning	28													
<p><b>Educational objectives (max. 6 items)</b></p> <p><b>C1.</b> Developing skills to carry out subjective and objective examination of the child in terms of individual systems and organs.</p> <p><b>C2.</b> Familiarize students with the semiotics from individual organs and systems and the development of awareness of the distinct morphological and physiological organs and systems of individual patients in developmental age.</p> <p><b>C3.</b> To acquaint students with the principles of rational nutrition of healthy and sick children.</p> <p><b>C4.</b> Education students' ability to take preventive measures in selected disease states and the implementation of immunization and passive immunoprophylaxis. Prevention of iron deficiency, Vit. D and K.</p> <p><b>C5.</b> Familiarizing students with the proper psychomotor and mental development in children in particular developmental periods and with abnormalities in this area (behavioral disorders).</p> <p><b>C6.</b> Development social competences needed to practice the medical profession, in accordance with graduate's profile.</p>														
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.W2.	the principles of nutrition for healthy and sick children, including natural feeding, immunisation and keeping a child's health record;				Oral answer	L, CC								
E.W3.	<p>the causes, symptoms, principles of diagnosis and therapeutic management of the diseases that are most frequent in children:</p> <p>1) rickets, tetany, convulsions,</p> <p>2) heart defects, myocarditis, endocarditis and pericarditis, cardiomyopathy, cardiac arrhythmias, heart failure, hypertension, vaso-vagal episodes,</p> <p>3) acute and chronic diseases of the upper and lower respiratory tract, congenital malformations of the respiratory system, tuberculosis, cystic fibrosis, asthma, allergic rhinitis, urticaria, anaphylactic shock, angioedema,</p> <p>4) anaemias, haemorrhagic diathesis, bone marrow failure, childhood cancers, including solid tumours typical of childhood,</p>				Oral answer	L, CC								



	<p>5) acute and chronic abdominal pain, vomiting, diarrhoea, constipation, gastrointestinal bleeding, peptic ulcer disease, inflammatory bowel diseases, pancreatic diseases, cholestasis and liver diseases and other acquired diseases and congenital defects of the gastrointestinal tract,</p> <p>6) urinary tract infections, congenital defects of the urinary tract, nephrotic syndrome, kidney stones, acute and chronic renal failure, acute and chronic nephritis, systemic kidney diseases, urinary disorders, vesicoureteral reflux disease,</p> <p>7) growth disorders, thyroid and parathyroid diseases, adrenal diseases, diabetes, obesity, puberty and gonadal function disorders,</p> <p>8) cerebral palsy, encephalitis and meningitis, epilepsy,</p> <p>9) the most common childhood infectious diseases,</p> <p>10) genetic syndromes,</p> <p>11) connective tissue diseases, rheumatic fever, juvenile arthritis, systemic lupus, dermatomyositis;</p>		
E.W4.	the issues of abused children including sexual abuse, mental retardation and behavioural disorders - psychoses, addictions, eating and excretion disorders in children;	Oral answer	L, CC
E.W6.	the most common life-threatening conditions in children and the management of these conditions;	Oral answer	L, CC
E.U2.	carry out a medical interview with a child and its family;	Assessment of practical skills	CC
E.U4.	conduct a physical examination on a child of any age;	Assessment of practical skills	CC
E.U6.	conduct an orientation hearing and visual field examination as well as an otoscopic examination;	Assessment of practical skills, oral answer	CC
E.U7.	assess the general condition, state of consciousness and awareness of the patient;	Assessment of practical skills, oral answer	CC
E.U8.	assess the neonate's Apgar score and maturity and examine neonatal reflexes;	Assessment of practical skills, oral answer	CC
E.U9.	match anthropometric and blood pressure measurements with data on centile grids;	Assessment of practical skills, oral answer	CC
E.U10.	assess the stage of sexual maturation;	Oral answer	CC
E.U11.	conduct a balance study;	Assessment of practical skills, oral answer	CC
E.U13.	assess and describe the somatic and psychological state of the patient;	Oral answer	L, CC
E.U14.	recognise immediate life-threatening conditions;	Oral answer	L, CC



E.U24.	interpret laboratory test results and identify causes of deviations from the norm;	Oral answer	CC
E.U27.	qualify the patient for vaccination;	Assessment of practical skills, oral answer	L, CC
E.U29.	perform basic medical procedures and treatments including: 1) measurement of body temperature (surface and deep), heart rate measurement, non-invasive blood pressure measurement, 2) monitoring of vital signs with a cardiomonitor, pulse oximetry, 3) spirometric examination, oxygen treatment, support and mechanical ventilation, 4) inserting an oropharyngeal tube, 5) intravenous, intramuscular and subcutaneous injections, peripheral venous cannulation, collection of peripheral venous blood, collection of blood for culture, collection of arterial blood, collection of arterialised capillary blood, 6) taking nasal, throat and skin swabs, 7) bladder catheterisation in women and men, gastric probing, gastric lavage, enema, 8) standard resting electrocardiogram with interpretation, electrical cardioversion and cardiac defibrillation, 9) simple strip tests and blood glucose measurement;	Assessment of practical skills, oral answer	L, 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:	72
2. Number of hours of distance learning:	28
3. Number of hours of student's own work:	85,2
4. Number of hours of directed self-study	n/a
Total student's workload	185,2
<b>ECTS points for course</b>	<b>6,5</b>

**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**

**Winter semester: 7 weeks, 14 hours, Microsoft Teams**

1-2. Goals and tasks of pediatrics. Basic information on the history of pediatrics, general principles of the organization of pediatric health care. The influence of the environment on the child's development. Medical interview.

3-4. Physical examination and general semiotics. Assessment of general condition and body structure. Nutritional assessment. Skin examination.

5-6. Physical examination and general semiotics. Examination of the lymph nodes. Head examination.

7-8. Physical examination and general semiotics. Skeletal and muscular system. Morphological and functional differences. Posture defects. Chest. Defining boundaries and auscultation of the lungs and heart.

9-10. Physical examination and general semiotics. Abdominal cavity. Genitourinary organs. The nervous system.

11-12. Developmental periods: The period of intrauterine life. Factors influencing the development of the fetus. The infancy period.



13-14. Physical and mental development in the developmental age (the period of a small child, preschool and school period, puberty). Methods of controlling physical and mental development. Mother and child care system, including the perinatal period.

**Summer semester: 7 weeks, 14 hours, Microsoft Teams**

1-2. Principles of nutrition of infants and young children, older children. Eating disorders: obesity, anorexia, bulimia.

3-4. Indications and contraindications for vaccinations, types of vaccines. Active and passive immunization. Implementation of the obligatory vaccination calendar

5-6. Selected issues of prevention: rickets, vitamin D deficiency, vitamin K deficiency, posture defects, serological conflict.

7-8. Semiotics. Life-threatening conditions in paediatrics.

9-10. Laboratory tests and their importance. Hospital infections.

11-12. Social Medicine: The Problem of Domestic Violence. Abused Child Syndrome. Possibilities of helping the family. Addictions in developmental age. FAS - fetal alcohol syndrome. Care for a chronically ill child.

Analgesia in pediatrics. Hospice care.

13-14. Subject and physical examination in neonatology.

**Seminars – n/a**

**Classes**

**Winter semester: 15 weeks, 45 hours, direct contact**

**1st Department of Paediatrics, Allergology and Cardiology**

**2nd Department of Paediatrics, Gastroenterology and Nutrition**

**3rd Department of Paediatrics, Immunology and Rheumatology**

**Department of Paediatric Endocrinology and Diabetology**

**Department of Paediatric Bone Marrow Transplantation, Oncology and Haematology**

**Department of Paediatric Nephrology**

1. Documentation in paediatrics - Children's Health Book, medical history, fever card, protection of personal data in the light of applicable regulations

Organization and functioning of the neonatal and general pediatric ward.

2. Medical history. Personal and physical examination. General condition assessment. Assessment of consciousness (Glasgow scale), evaluation of verbal-logical contact.

3. ABC of physical examination in paediatrics (Classes are held at the Medical Simulation Center).

4. Examination of the skin and its appendages. Examination of peripheral lymph nodes. Semiotics of the most common diseases manifested by skin lesions and enlargement of lymph nodes in children.

5. Examination of the lymph nodes. Lymphadenopathies.

6. Examination of the head. Assessment of the size and shape (the concepts of microcephaly and large head). Assessment of fontanel size. Eye examination. Oral and nasopharyngeal assessment. Semiotics of ear, nose and mouth diseases. The development of the dentition. Neck examination, thyroid gland. Hair - types (baby, child, male and female).

7. Examination of the musculoskeletal system. Skeletal system: the most common abnormalities in the structure of the spine (lordosis, kyphosis, scoliosis) and the chest and lower limbs (valgus, varus, limb abbreviation). Posture Assessment. Disadvantages in terms of feet. Posture defects in children. Assessment of active and passive mobility of joints. Examination of the hip joints. Assessment of the muscular system (muscle tension and strength).

8. Chest. Physical examination of the chest: viewing, percussion, auscultation of the lungs, determining the boundaries of the lungs. Semiotics of the most common disorders of the respiratory system: cough, dyspnoea, cyanosis.

9. Examination of the circulatory system; auscultation of heart tones and tapping of the heart's borders.

Measurement of blood pressure and heart rate. Interpretation of the results. Semiotics of the most common circulatory system disorders. Physiological differences of the circulatory system in developmental age.



10. Principles of a detailed examination of the abdominal cavity and the genitourinary system in children. Developmental differences of the genitourinary system. Assessment of the liver and spleen. Peritoneal symptoms. Semiotics of abdominal diseases in children: abdominal pain (acute, chronic), vomiting, diarrhea, constipation, free fluid in the peritoneal cavity, enlargement of the parenchymal organs. Peculiarities of kidney diseases in children. Interpretation of the basic results of laboratory tests.
11. Neurological examination, evaluation of cranial nerves, meningeal symptoms. Symptoms of increased intracranial pressure. Principles of examining deep (tendon) physiological reflexes. Semiotics of nervous system diseases.
12. Development: The period of intrauterine life. Factors influencing the development of the fetus. The infancy period. Baby reflexes.
13. Preschool and school age child. Assessment of growth and development norms. Using percentile grids. Accurate assessment of anomalies in physical development in subsequent stages of life.
14. Natural and artificial nutrition of infants. Basic differences in the composition of human and cow's milk. Breastfeeding contraindications. Nutrition of younger and older children. Elimination diets. Food preparation rules.
15. Independent interview collection and physical examination. Develop status praesens (trial version).

**Summer semester: 9 weeks, 27 hours, direct contact**

**Department of Neonatology**

1. Assessment of the general condition of the newborn (Apgar scale), methods of assessing the degree of maturity. Term-born baby - physiology. Adaptation of the newborn to the ectopic life. Baby reflexes.
2. Pathology of the newborn: preterm newborn; too small for fetal age; too big for fetal age; from multiple pregnancy. Perinatal injuries. Newborn screening.

**1st Department of Paediatrics, Allergology and Cardiology**

**2nd Department of Paediatrics, Gastroenterology and Nutrition**

**3rd Department of Paediatrics, Immunology and Rheumatology**

**Department of Paediatric Endocrinology and Diabetology**

**Department of Paediatric Bone Marrow Transplantation, Oncology and Haematology**

**Department of Paediatric Nephrology**

3. Protective vaccinations. Types of vaccines and the manner of carrying out individual vaccines. The current vaccination schedule. Indications and contraindications for vaccinations. Post-vaccination complications. Post-vaccination reporting. Vaccination documentation.
4. Prevention in children (rickets, supplementation with vitamin D3, vitamin K, posture defects). Nosocomial infections. Basic principles of their prevention. Epidemiological recommendations in the context of healthcare due to the SARS-Cov-2 virus pandemic.
5. Natural and artificial nutrition of babies. Basic differences in the composition of human and cow's milk. Breastfeeding contraindications. Nutrition of younger and older children. Elimination diets. Food preparation rules.
6. Nursing treatments for an infant and a small child. Bathing, toilet, moisturizing the skin, preventing overheating and cooling the body.
7. Basic medical procedures and treatments, including: body temperature measurement (superficial and deep), pulse measurement, non-invasive blood pressure measurement, monitoring of vital signs using a cardiac monitor, pulse oximetry. Interpretation of the results of basic laboratory tests.
8. Independent interview collection and physical examination. Trial status overview. Development of status praesens (evaluation version).
9. Summarizing and consolidating material from the whole year. Questions and answers on the physical examination, interview, and topics discussed. Completion of classes based on theoretical and practical knowledge.

**Other – n/a**



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

1. Tom Lissauer Will Carroll, Illustrated Textbook of Paediatrics, 5th Edition, 2017, Elsevier
2. Nelson. Textbook of Pediatrics. 20 edition. Robert M. Kliegman, Bonita F. Stanton, Joseph W. St. Game, Nina F. Schor, Canada, Elsevier, 2016

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

1. Red Book 2018-2021. Committee on Infectious Diseases; American Academy of Pediatrics; David W. Kimberlin, MD, FAAP, Michael T. Brady, MD, FAAP and Mary Ann Jackson, MD, FAAP
2. Materials presented at classes, seminars and lectures

**Preliminary conditions:** (minimum requirements to be met by the student before starting the course)

1. The condition for passing the exercises carried out by a given unit is obtaining a positive result from the test assessing the student's preparation for the given exercises (the entrance test consists of five questions regarding the issues covered by the given exercises and / or knowledge of the principles of physical examination, you should answer correctly to at least three questions).
2. Having appropriate clothes and shoes, a stethoscope, a flashlight for examining the throat.
3. Knowledge of the rules of conduct in the conditions of the COVID-19 pandemic

**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).

**Conditions for completing the classes:**

Presence at all classes. Each absence must be made up for (including rector's days and dean's hours).  
Acquiring knowledge to a satisfactory level (at least 60% of positive answers to the questions asked from the methodology of subjective and subject research in the form of partial tests and passing practical skills based on a self-written physical examination (Status preasens)

**Rules for admission to the exam:**

Passing the classes.  
Form of the exam:  
Final exam in the form of a test. Required to answer correctly to at least 60% of the questions asked.  
Assessment criteria below.

Grade:	Assessment criteria for passing the course
Very Good (5.0)	Correct answer to over 92% of the questions asked, very good knowledge of the methodology of subjective and objective examination, full knowledge of the symptomatology of the issues discussed during the course
Good Above (4.5)	Correct answer to 84-91% of the questions asked, almost complete mastery of the methodology of subjective and objective examination, good knowledge of the symptomatology of the issues discussed during classes
Good (4.0)	Correct answer to 76-83% of the questions asked, good knowledge of the methodology of subjective and objective examination, good knowledge of the symptomatology of the issues discussed during classes
Satisfactory Plus (3.5)	Correct answer to 68-75% of the questions asked, mastering the methodology of subjective and objective examination, knowledge of the symptomatology of the issues discussed during classes





Satisfactory (3.0)	Correct answer to more than 60% of the questions asked, sufficient knowledge of the methodology of subjective and objective examination, sufficient knowledge of the symptomatology of the issues discussed during the course
<b>Credit</b>	<b>Assessment criteria for passing the exam:</b>
Very Good (5.0)	Correct answer to 92-100% of the questions asked
Good Above (4.5)	Correct answer to 84-91% of the questions asked
Good (4.0)	Correct answer to 76-83% of the questions asked
Satisfactory Plus (3.5)	Correct answer to 68-75% of the questions asked
Satisfactory (3.0)	Correct answer to 60-67% of the questions asked

Department in charge of the course:	3rd Department of Paediatrics, Immunology and Rheumatology
Department address:	<b>51-149 Wrocław, 5 Koszarowa Street, Pediatric Building, entrance from Sportowa Street</b>
Telephone:	Clinic office: Tel / Fax. 71 372 74 63, 71 392 53 53, Pediatric ward: Tel / Fax. 71 392 53 96
E-Mail:	Clinic office: <a href="mailto:maria.szczerbowicz@umed.wroc.pl">maria.szczerbowicz@umed.wroc.pl</a> <a href="mailto:aleksandra.lewandowicz-uszynska@umed.wroc.pl">aleksandra.lewandowicz-uszynska@umed.wroc.pl</a> <a href="mailto:gerard.pasternak@umed.wroc.pl">gerard.pasternak@umed.wroc.pl</a>

Person in charge for the course:	<b>Aleksandra Lewandowicz-Uszyńska MD, PhD</b>
Telephone:	Tel. 71 37 27 463, 71 39 25 353
E-Mail:	<a href="mailto:aleksandra.lewandowicz-uszynska@umed.wroc.pl">aleksandra.lewandowicz-uszynska@umed.wroc.pl</a>

**List of persons conducting specific classes:**

Name and surname	Degree/scientific or professional title	Discipline	Performed profession	Form of classes
<b>1st Department of Paediatrics, Allergology and Cardiology</b>				
Ewa Willak-Janc	PhD MD	medicine	Pediatrician, allergist	CC
Anna Dębińska	PhD MD	medicine	Pediatrician, pulmonologist	CC
Kamil Bar	MD	medicine	In the course of specialization in pediatrics	CC
Hanna Sikorska- Szaflik	MD	medicine	In the course of specialization in pediatrics	CC
Anna Skiba	MD	medicine	In the course of specialization in pediatrics	CC
Joanna Szyszka	MD	medicine	In the course of specialization in pediatrics	CC
Marcin Galica	MD	medicine	In the course of specialization in pediatrics	CC
Piotr Werner	MD	medicine	In the course of specialization in pediatrics	CC



<b>3rd Department of Paediatrics, Immunology and Rheumatology</b>				
Agnieszka Latawiec-Komaiszko	MD.	medicine	Pediatrician	L, CC
Magdalena Prościak	PhD MD	medicine	Pediatrician	L, CC
Gerard Pasternak	PhD MD	medicine	Pediatrician, after the course of specialization in clinical immunology	L, CC
Karolina Pieniawska-Śmiech	MD	medicine	In the course of specialization in pediatrics	L, CC
Mateusz Walkowiak	MD	medicine	In the course of specialization in pediatrics	L, CC
Wioletta Setkowicz	MD	medicine	In the course of specialization in pediatrics	CC
Paulina Jasińska	MD	medicine	In the course of specialization in pediatrics	CC
<b>Department of Paediatric Bone Marrow Transplantation, Oncology and Haematology</b>				
Alicja Chybicka	Prof. PhD MD	medicine	Pediatrician, hematologist	CC
Bernarda Kazanowska	Prof. PhD MD	medicine	Pediatrician, hematologist	CC
Ewa Gorczyńska	Prof. PhD MD	medicine	Pediatrician, hematologist	CC
Krzysztof Kałwak	Prof. PhD MD	medicine	Pediatrician, hematologist	CC
Grażyna Wróbel	Prof. PhD MD	medicine	Pediatrician, hematologist	CC
Marek Ussowicz	Prof. PhD MD	medicine	Pediatrician, hematologist	CC
Jadwiga Węctawek - Tompol	PhD MD	medicine	Pediatrician, hematologist	CC
Grzegorz Dobaczewki	PhD MD	medicine	Pediatrician, hematologist	CC
Elżbieta Latos - Grażyńska	PhD MD	medicine	Pediatrician, hematologist	CC
Dorota Sęga-Pondel	PhD MD	medicine	Pediatrician, hematologist	CC
Małgorzata Salamonowicz-Bodzioch	PhD MD	medicine	Pediatrician, hematologist	CC
Justyna Kwaśnicka	MD	medicine	Pediatrician, hematologist	CC
Jowita Frączkiewicz	PhD MD	medicine	Pediatrician	CC
Elżbieta Wawrzyniak-Dzierżek	MD	medicine	doctor	CC
Igor Olejnik	PhD MD	medicine	Pediatrician, hematologist	CC
Tomasz Jarmoliński	PhD MD	medicine	Pediatrician, hematologist	CC
Katarzyna Gul	MD	medicine	Pediatrician, clinical immunologist	CC
Michalina Horochowska	MD	medicine	doctor	CC
Justyna Miśkiewicz-Bujna	MD	medicine	doctor	CC
Izabela Miśkiewicz-Migoń	MD	medicine	doctor	CC



Monika Rosa	MD	medicine	doctor	CC
Agnieszka Kwella	MD	medicine	doctor	CC
Dawid Przystupski	MD	medicine	doctor	CC
Paweł Marschollek	MD	medicine	doctor	CC
<b>Department of Paediatric Nephrology</b>				
Katarzyna Kiliś-Pstrusińska	Prof. PhD MD	medicine	Pediatrician	CC
Irena Makulska	Prof. PhD MD	medicine	Pediatrician	CC
Dorota Polak-Jonkisz	Prof. PhD MD	medicine	Pediatrician	CC
Kinga Musiał	dr hab.	medicine	Pediatrician	CC
Anna Medyńska	PhD MD	medicine	Pediatrician	CC
Irena Wikiera-Magott	PhD MD	medicine	Pediatrician	CC
Anna Jakubowska	PhD MD	medicine	Pediatrician	CC
Agnieszka-Pukajto-Marczyk	PhD MD	medicine	Pediatrician	CC
Konstancja Fornalczyk	PhD MD	medicine	Pediatrician	CC
Agnieszka Bargenda-Lange	PhD MD	medicine	Pediatrician	CC
Katarzyna Prościak	MD	medicine	In the course of specialization in pediatrics	CC
Monika Storek	MD	medicine	In the course of specialization in pediatrics	CC
Katarzyna Kwiatkowska	MD	medicine		CC
<b>2nd Department of Paediatrics, Gastroenterology and Nutrition</b>				
Andrzej Stawarski	PhD MD	medicine	Pediatrician, gastroenterologist	CC
Krzyszyna Mowszet	PhD MD	medicine	Pediatrician, gastroenterologist	CC
Tomasz Pytrus	PhD MD	medicine	Pediatrician, gastroenterologist	CC
Elżbieta Krzesiek	PhD MD	medicine	Pediatrician, gastroenterologist	CC
Anna Kofla - Dłubacz	PhD MD	medicine	Pediatrician, gastroenterologist	CC
Agnieszka Borys-Iwanicka	PhD MD	medicine	Pediatrician, gastroenterologist	CC
Katarzyna Akutko	PhD MD	medicine	Pediatrician, gastroenterologist	CC
Tatiana Jamer	PhD MD	medicine	Pediatrician, gastroenterologist	CC
Joanna Braksator	MD	medicine	Pediatrician, gastroenterologist	CC
Anna Dancewicz	MD	medicine	In the course of specialization in pediatrics	CC
Natalia Olszak	MD	medicine	In the course of specialization in pediatrics	CC
Iga Stankiewicz	MD	medicine	In the course of specialization in pediatrics	CC
Paulina Kuchalska	MD	medicine	In the course of specialization in pediatrics	CC



Paula Grębska	MD	medicine	In the course of specialization in pediatrics	CC
Alicja Kućma	MD	medicine	In the course of specialization in pediatrics	CC
Bartłomiej Śmieszniak	MD	medicine	In the course of specialization in pediatrics	CC
Karolina Sakowicz	MD	medicine	In the course of specialization in pediatrics	CC
<b>Department of Neonatology</b>				
Barbara Królak- Olejnik	Prof. PhD MD	medicine	Pediatrician, neonatologist	L, CC
Dorota Paluszyńska	PhD MD	medicine	Pediatrician, neonatologist	CC
Monika Lachowska	PhD MD	medicine	Pediatrician, neonatologist	CC
Agnieszka Szafrąńska	PhD MD	medicine	Pediatrician, neonatologist	CC
Dorota Lisowska-Mikołajków	PhD MD	medicine	Pediatrician, neonatologist	CC
Anna Szczygieł	PhD MD	medicine	Pediatrician, neonatologist	CC
Agnieszka Jałowska	MD	medicine	Pediatrician, neonatologist	CC
Izabela Lehman	MD	medicine	In the course of specialization in neonatology	CC
Agata Więckowska	MD	medicine	In the course of specialization in neonatology	CC
Karolina Karcz	MD	medicine	In the course of specialization in neonatology	CC

Date of Syllabus development

28-06-2021

Syllabus developed by

Uniwersytet Medyczny we Wrocławiu  
III KATEDRA I KLINIKA PEDIATRII,  
IMMUNOLOGII I REUMATOLOGII  
IMMUNOLOGII I REUMATOLOGII WIEKU ROZWOJOWEGO  
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III KATEDRA I KLINIKA PEDIATRII, IMMUNOLOGII  
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