



Syllabus for academic year: 2021/2022													
Training cycle: 2016/2017 – 2021/2022													
Description of the course													
Course	Paediatrics (3)						Group of detailed education results						
							Group code	E				Group name	non-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	VI					Semester:	<input checked="" type="checkbox"/> x winter <input checked="" 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: 80													
1st Department of Paediatrics, Allergology and Cardiology													
Direct (contact) education ¹			2		12								
Distance learning ²													
2nd Department of Paediatrics, Gastroenterology and Nutrition													

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

² Education with applied methods and techniques for distance learning



Educational objectives (max. 6 items)

- C1. Practical skills to examine pediatric patients
C2. The differences in physiology and pathology in children. Physiology of pediatric growth
C3. Infant and children feeding in health and illnesses
C4. The common illnesses in pediatric age, neonates pathophysiology
C5. Pediatric psychological disorders
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>
E.W1.	the environmental and epidemiological determinants of the most common diseases	Final exam	AC, CC
E.W3.	the causes, symptoms, principles of diagnosis and therapeutic management of the diseases that are most frequent in children: 1.rickets, tetany, convulsions, 2.heart defects, myocarditis, endocarditis and pericarditis, cardiomyopathy, cardiac arrhythmias, heart failure, hypertension, vaso-vagal episodes, 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, 4.anaemias, haemorrhagic diathesis, bone marrow failure, childhood cancers, including solid tumours typical of childhood, 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, 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, 7.growth disorders, thyroid and parathyroid diseases, adrenal diseases, diabetes, obesity, puberty and gonadal function disorders, 8.cerebral palsy, encephalitis and meningitis, epilepsy, 9.the most common childhood infectious diseases, 10.genetic syndromes, 11.connective tissue diseases, rheumatic fever, juvenile arthritis, systemic lupus, dermatomyositis;	Final exam	AC, CC
E.W6.	the most common life-threatening conditions in children and the management of these conditions	Final exam	AC, CC
E.W37.	the causes, symptoms, principles of diagnosis and therapeutic management of the most common hereditary diseases	Final exam	AC, CC
E.U2.	carry out a medical interview with a child and its family	Final exam	AC, CC
E.U4.	conduct a physical examination on a child of any age	Final exam	AC, CC
E.U6.	conduct an orientation hearing and visual field examination as well as an otoscopic examination	Final exam	AC, CC



E.U7.	assess the general condition, state of consciousness and awareness of the patient	Final exam	AC, CC
E.U11.	conduct a balance study	Final exam	AC, CC
E.U12.	perform differential diagnosis of the most common diseases of adults and children	Final exam	AC, CC
E.U13.	assess and describe the somatic and psychological state of the patient	Final exam	AC, CC
E.U14.	recognise immediate life-threatening conditions	Final exam	AC, CC
E.U16.	plan diagnostic, therapeutic and preventive procedures	Final exam	AC, CC
E.U17.	conduct an analysis of possible adverse reactions to and interactions between individual drugs	Final exam	AC, CC
E.U20.	qualify the patient for home and hospital treatment	Final exam	AC, CC
E.U24.	interpret laboratory test results and identify causes of deviations from the norm	Final exam	AC, CC
E.U28.	collect and preserve material for tests used in laboratory diagnosis	Final exam	AC, 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 arterialed 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	Final exam	AC, CC
E.U32.	plan specialist consultations	Final exam	AC, CC
E.U38.	maintain patient medical records	Final exam	AC, CC
G.U6.	prepare medical certificates for patients, their families and other parties	Final exam	AC, CC
G.U7.	recognise, when examining a child, behaviours and symptoms that indicate the possibility that violence against the child may have occurred	Final exam	AC, CC
G.U8.	act in such a way as to avoid medical errors	Final exam	AC, 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:	120
2. Number of hours of distance learning:	
3. Number of hours of student's own work:	120
4. Number of hours of directed self-study	n/a



Total student's workload	240
ECTS points for course	8,0
<p>1st Department of Paediatrics, Allergology and Cardiology Classes are taught by the professor, assistant professors and assistants and PhD students. Classes are conducted within the outpatients clinic, ward and during the afternoon and evening duties and Department of Medical Simulation . If possible, include student self-care for one or more patients who in the course of the next duty proposes additional tests and modifies the applied treatment on the basis of observations, analyzes in detail the degree of regression or progression of symptoms, unaided series of simple diagnostic and therapeutic procedures. Significant emphasis during the course of counseling will be placed on expanding the ability of independent lessons learned and cooperation with the family doctor primary care. An important element of the exercise is to familiarize the participants with the current and with the existing state of the law obligating provider to certain forms and scope of health services.</p> <p>2nd Department of Paediatrics, Gastroenterology and Nutrition Classes are conducted within the outpatient clinic and during the afternoon and evening duties and at Department of Medical Simulation. Whenever possible, the student includes self-care of one or a few patients who in the course of the next duty proposes additional tests and modifies the applied treatment on the basis of our observations, analyzes in detail the degree of regression or progression of symptoms, unaided series of simple diagnostic and therapeutic procedures in the field of pediatrics and pediatric gastroenterology. Particular emphasis will be placed on the principle of rational nutrition of infants and children. Significant emphasis during the course of counseling will be placed on expanding the ability of independent lessons learned and cooperation with the family doctor primary care. An important element of the exercise is to familiarize the participants with the current and with the existing state of the law obligating provider to certain forms and scope of health services.</p> <p>Department of Paediatric Endocrinology and Diabetology Classes are taught by the professor, assistant professors and assistants and PhD student. Task is to familiarize students with endocrine disorders. Patients enrolled come from departments of the clinic as well as the outpatient Clinic and at Department of Medical Simulation. During the course we will discuss the symptoms of endocrine diseases, diagnosis and their treatment. Students become familiar with the documentation, they will plan the study and interpret them. Insulin pumps, pens, glucometers and Zostaną zaprezentowane osobiste pompy insulinowe, peny, glukometry and a continuous glucose monitoring system as well as a glucose scanning system will be presented. Each student will perform the measurement of level of glucose, weigh the baby, assess vital signs. Students will be implemented in the method of treatment of endocrine disorders During the duties will participate together with their doctor in all administrative procedures and medical devices. The student must obtain a history, examine the patient, assess the state of health and plan diagnostic tests and treatment. During the course we will focus on self-reliance in the field of diagnosis and treatment.</p> <p>Department of Paediatric Bone Marrow Transplantation, Oncology and Haematology Classes are conducted in the framework of the Consultative Clinic and within the branches of the evening duties and at Department of Medical Simulation by medical professors, lecturers and assistants from Clinic of Bone Marrow Transplantation, Oncology and Haematology. The primary objective of the course is to acquaint students with the most common problems of hematology and oncology concern in primary care and learning to perform clinical examination which allows the pre-selection, diagnosis and differentiation of enlarged lymph nodes, changes in abdominal, symptoms of bleeding disorders, anemia and neurological symptoms. Students' education will also include knowledge of the epidemiology of cancer and hematologic diseases in children including environmental hazards, discuss the symptoms and patterns of diagnostic and therapeutic onco-hematology, as well as adjunctive treatment and consequences of modern anticancer therapy. They will be presented with procedures for the exercise marrow puncture, lumbar puncture, and use of vascular catheters. Students will carry out a physical examination in patients, will be involved in the interpretation of imaging studies and laboratory (including the drafting and interpretation of smears of peripheral blood and bone marrow). An important element will be also to familiarize students with valid documentation and legal status.</p> <p>Department of Paediatric Nephrology Classes are taught by professors, lecturers and assistants of the Clinic of Pediatric Nephrology within the Specialist Clinic and within the branches during the evening duties and at Department of Medical Simulation . Whenever possible, the student takes care under the supervision of his doctor in care of patient, during the next duty proposes additional tests and modifies the applied treatment on the basis of our observations, analyzes in detail the degree of regression or progression of symptoms, conducts simple treatments diagnostic and therapeutic procedures. Significant emphasis during the course will be placed on expanding the ability of independent lessons</p>	

learned and cooperation with the family doctor primary care. An important element of the exercise is to familiarize the participants with valid documentation and with the existing state of the law obligating provider to certain forms and scope of health services.

Lectures

n/a

Auditorium classes

1st Department of Paediatrics, Allergology and Cardiology

Current trends in the diagnosis of allergic diseases in children.
Current directions of treatment of allergic diseases in children.
Test summarizing knowledge

2nd Department of Paediatrics, Gastroenterology and Nutrition

Urrrent diagnosis of gastrointestinal truck in children.
Standards of treatment of gastrointestinal diseases in children.
Knowledge summary test

Department of Paediatric Endocrinology and Diabetology

Standards of diagnosis and treatment of endocrine diseases in children. Analysis of clinical cases.
Endocrinology and pediatric diabetology test in questions and answers (knowledge summary test).

Department of Paediatric Bone Marrow Transplantation, Oncology and Haematology

Common mistakes in clinical practice in pediatric oncology and hematology. Analysis of clinical cases.
Comprehensive treatment in pediatric oncology and hematology. Children's oncology and hematology in questions and answers (knowledge summary test).

Department of Paediatric Nephrology

Disorders of urination in children
Diagnostic and therapeutic management in kidney diseases

Clinical Classes

1st Department of Paediatrics, Allergology and Cardiology

- 1 Keeping medical records in open health care. Presentations of clinical cases with active participation of students, discussion on diagnostic and therapeutic procedures.
2. Conducting specialist therapy in outpatient treatment, caring for a child with allergies in primary health care.
3. Acute and chronic urticaria. Symptomatology, pathogenesis, differential diagnosis, treatment.
4. Treatment of allergic diseases, principles of inhalation therapy, immunotherapy.
5. Allergic rhinitis. Differentiation between allergic and infectious rhinitis.
6. Diseases of the respiratory tract - respiratory tract infections - croup syndrome, acute shortness of breath.
7. Cystic fibrosis.

2nd Department of Paediatrics, Gastroenterology and Nutrition

1. Differential diagnosis of the most common gastrointestinal symptoms in children associated with the most frequent gastrointestinal diseases in pediatric population depending on the age of a child and taking into the account the appropriate diagnostic and therapeutic management
2. Clinical Presentations and discussions of particular clinical cases and their management based on the current evidence based diagnostic and therapeutic algorithms (active participation of students is strongly encouraged).
3. The most recent updates in pediatric gastroenterology useful in routine, daily based primary care practice
4. Discussing steps of adequate diagnostic and therapeutic management based on patients' history, physical examination, evaluation of child development and analysis of symptoms/signs/findings/alarming findings.
5. Discussing Diagnostic-therapeutic algorithms of pediatric gastrointestinal diseases; indications for hospitalization.
6. Feeding disorders– the role of a physician in establishing a proper management.

Department of Paediatric Endocrinology and Diabetology

1. Diabetes – Contemporary therapy in type 1 diabetes – intensive insulin therapy with pen injectors and personal insulin pumps. Continuous glucose monitoring system. Newest therapeutical possibilities: Sensor augmented insulin pumps, closed loop.
Practical training include pump programming, CGM and FGM (FreeStyle Libre) results interpretation in computer programs. Education of children and parents for effective self-treatment: SMBG, insulin administration, diet



(Carbohydrate exchanges, Fat content), Glucose Index, Glucose load. Preparing a diet for a patient. Rules of calculation insulin dose for CE and fat as well as correction doses. HbA1c – interpretation of a result.

2. Puberty Disorders – delayed and precocious puberty. Interpretation of clinical cases, history of patients, planning the tests and monitoring the treatment efficacy.

3. Short stature, gigantism – differential diagnosis, causes of short stature, including familial short stature, idiopathic short stature. Genetical syndromes. Practical training – history of the patient, prognosis of final height, anthropometrical measurements (with SD calculation), height velocity calculation and interpretation, diagnostic procedures – planning, interpretation of the results, calculation of rhGH dose for a patient. Interpretation of efficacy of the treatment for a patient: height velocity, lab test results, anthropometrics and growth chart, monitoring of the treatment. GH tests and interpretation of the results, application of the treatment.

4. Obesity and Anorexia. Practical training – presentation of chosen cases. Zajęcia praktyczne – demonstracja własnych przypadków. Discussion on the principles of nutrition, and methods of body weight reduction.

Presentation how to prepare meals with a reduced number of calories. Discussing the importance of GI and GL in the treatment of obesity. Testing body composition with bioimpedance method. Lab tests: planning, results and their interpretation. Setting the recommended physical activity for individual child and discussing its importance in the treatment of obesity.

Rating shortage of body weight. Determining a nutrition for a child with deficit of body weight and assessment the effectiveness of the recommendations. Lab tests – planning and interpretation of the results.

5. Thyroid gland diseases – discussing the screening methods, rules and interpretation of the results. Limitations of screening. Indications for performing thyroid function tests examination and interpretation of results. Presentation of cases - children with thyroid disease (congenital hypothyroidism, subclinical hypothyroidism, Hashimoto's thyroiditis, Graves' disease, cancer). Establishing doses and interpretation of control tests results.

6. Genetic syndromes in endocrinology. Discussion of endocrinological disorders in patients with Turner Syndrome, Prader Willy Syndrome, Down Syndrome and others. Diagnostic procedures and treatment options.

Department of Paediatric Bone Marrow Transplantation, Oncology and Haematology

1. Epidemiology of cancer and hematologic diseases
2. Principles of chemotherapy and supportive therapy in pediatric oncology.
3. Life-threatening conditions in pediatric oncology
4. Advances in pediatric oncology and hematology
5. Combination therapy of pediatric cancer
6. Palliative care
7. Late effect and algorithm of survivors care
8. Hematologic disorders in outpatient care – what to do.

Department of Paediatric Nephrology

1. Interpretation of basic laboratory tests results for urogenital disorders in children.
2. Children with congenital anomalies of kidney and urinary tract (CAKUT) and children with suspicion/diagnosis of hypertension. Case presentations. Discussion on recommendations.
3. Diagnostic and therapeutic algorithm for urinary tract infections. Ambulatory treatment. Indication for hospitalization.
4. Discussion on recommendations for nocturnal enuresis and pediatric nephrotic syndrome. Presentation of clinical cases.
5. Ambulatory and hospital management of chronic kidney disease in children.
6. Diagnostic and therapeutic novelties in pediatric nephrology useful in everyday work of general practitioner (GP).
7. Presentations of selected cases with active participation of students – discussion and students' suggestions on diagnostic and therapeutic management.
8. Differential diagnosis for selected symptoms related to urogenital system with consideration of child's age (diagnostic algorithms for polyuria, haematuria, proteinuria).

Other

n/a

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

Nelson Textbook of Pediatrics, 19th Edition

By Robert M. Kliegman, MD, Bonita M.D. Stanton, MD, Joseph St. Geme, Nina Schor and Richard E. Behrman, MD

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

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

- 1.
- 2.

3.	
Preliminary conditions: (minimum requirements to be met by the student before starting the course) ability to perform a physical examination, perform differential diagnosis and propose therapy. 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) Completion of the course on the basis of attendance, test credit and medical history and physical examination at the end of the exercise	
Grade:	Criteria for courses ending with a grade³
Very Good (5.0)	Very good answers to the theoretical questions and positive resolve diagnostic and therapeutic problems
Good Above (4.5)	Good answers to the theoretical questions and positive resolve diagnostic and therapeutic problems
Good (4.0)	Good answers to the greater part of the questions and rewarding solving of the diagnostic problems
Satisfactory Plus (3.5)	Week answers to the greater part of the questions and lack of the independent problems solving
Satisfactory (3.0)	Lack of the correct answers to the greater part of the questions and significant troubles with diagnostic problems
	Criteria for courses ending with a credit³
Credit	

Final examination in paediatrics: The written / test / and oral part of the exam consisting in demonstrating knowledge on four issues covering the entire scope of the subject. To obtain a final pass, a very good, good, or sufficient answer to the randomly selected questions and a positive result of the practical part of the exam are required.	
Grade:	Criteria for exam³
Very Good (5.0)	> 94% of positive answers on the test part, excellent answers to the theoretical questions randomly selected, and the positive outcome of the practical part of the exam
Good Above (4.5)	85- 94% of positive answers on the test part over good, answers to the questions randomly selected, and the positive outcome of the practical part of the exam
Good (4.0)	80-84% of positive answers on the test part good answers to the questions randomly selected, and the positive outcome of the practical part of the exam
Satisfactory Plus (3.5)	70-79% of positive answers on the test part, ufficiently good answers to the questions randomly selected, and the positive outcome of the practical part of the exam
Satisfactory (3.0)	60-69% of positive answers on the test part satisfactory answers to the questions randomly selected, and the positive outcome of the practical part of the exam

Department in charge of the course:	1st Department and Clinic of Paediatrics, Allergology and Cardiology
Department address:	50-368 Wrocław, Chałubińskiego 2a
Telephone:	71 7703091
E-Mail:	andrzej.boznanski@umed.wroc.pl karolina.wojcik@umed.wroc.pl

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



Person in charge for the course:	Professor Andrzej Boznański PhD, MD			
Telephone:	71 7703091			
E-Mail:	andrzej.boznanski@umed.wroc.pl			
List of persons conducting specific classes:				
Name and surname	Degree/scientific or professional title	Discipline	Performed profession	Form of classes
1st Department of Paediatrics, Allergology and Cardiology				
Barbara Sozańska	Professor, PhD, MD	medical science	pediatrician	Clinical classes
Anna Dębińska	PhD, MD	medical science	pediatrician	Clinical classes
Hanna Danielewicz	PhD, MD	medical science	pediatrician	Clinical classes
Wanda Balińska-Miśkiewicz	PhD, MD	medical science	pediatrician	Clinical classes
Department of Paediatric Endocrinology and Diabetology				
Anna Noczyńska	Professor, PhD, MD	medical science	pediatrician	Clinical classes
Aleksander Basiak	PhD, MD	medical science	pediatrician	Clinical classes
Beata Wikiera	PhD, MD	medical science	pediatrician	Clinical classes
Agnieszka Zubkiewicz-Kucharska	PhD, MD	medical science	pediatrician	Clinical classes
Joanna Chrzanowska	PhD, MD	medical science	pediatrician	Clinical classes
Julita Nocoń-Bohusz	PhD, MD	medical science	pediatrician	Clinical classes
Monika Seifert	PhD, MD	medical science	pediatrician	Clinical classes
Department of Paediatric Bone Marrow Transplantation, Oncology and Haematology				
Alicja Chybicka	Professor, PhD, MD	medical science	pediatrician	Clinical classes
Bernarda Kazanowska	Professor, PhD, MD	medical science	pediatrician	Clinical classes
Ewa Gorczyńska	Professor, PhD, MD	medical science	pediatrician	Clinical classes
Krzysztof Kałwak	Professor, PhD, MD	medical science	pediatrician	Clinical classes
Grażyna Wróbel	Professor, PhD, MD	medical science	pediatrician	Clinical classes
Wojciech Pietras	PhD, MD	medical science	pediatrician	Clinical classes
Marek Ussowicz	Professor, PhD, MD	medical science	pediatrician	Clinical classes
Grzegorz Dobaczewski	PhD, MD	medical science	pediatrician	Clinical classes
Jadwiga Węctawek - Tompol	PhD, MD	medical science	pediatrician	Clinical classes
Elżbieta Latos - Grażyńska	PhD, MD	medical science	pediatrician	Clinical classes
Joanna Owoc - Lempach	PhD, MD	medical science	pediatrician	Clinical classes
Monika Mielcarek-Siedziuk	PhD, MD	medical science	pediatrician	Clinical classes
Igor Olejnik	PhD, MD	medical science	pediatrician	Clinical classes
Dorota Sęga-Pondel	PhD, MD	medical science	pediatrician	Clinical classes
Małgorzata Salamonowicz-Bodzioch	PhD, MD	medical science	pediatrician	Clinical classes
Katarzyna Gul	MD	medical science	pediatrician	Clinical classes
Justyna Kwaśnicka	MD	medical science	pediatrician	Clinical classes
Tomasz Jarmoliński	PhD, MD	medical science	pediatrician	Clinical classes
Jowita Frączkiewicz	PhD, MD	medical science	pediatrician	Clinical classes
Elżbieta Wawrzyniak-Dzierżek	MD	medical science	pediatrician	Clinical classes
Michalina Horochowska	MD	medical science	pediatrician	Clinical classes
Justyna Miśkiewicz-Bujna	MD	medical science	pediatrician	Clinical classes
Izabela Miśkiewicz-Migoń	MD	medical science	pediatrician	Clinical classes
Monika Rosa	MD	medical science	pediatrician	Clinical classes
Agnieszka Kwella	MD	medical science	pediatrician	Clinical classes
Dawid Przystupski	MD	medical science	pediatrician	Clinical classes
Paweł Marschollek	MD	medical science	pediatrician	Clinical classes



Department of Paediatric Nephrology				
Danuta Zwolińska	Professor, PhD, MD	medical science	pediatrician	Clinical classes
Katarzyna Kiliś-Pstrusińska	Professor, PhD, MD	medical science	pediatrician	Clinical classes
Irena Makulska	Professor, PhD, MD	medical science	pediatrician	Clinical classes
Dorota Polak-Jonkisz	Professor, PhD, MD	medical science	pediatrician	Clinical classes
Kinga Musiał	Professor, PhD, MD	medical science	pediatrician	Clinical classes
Anna Medyńska	Professor, PhD, MD	medical science	pediatrician	Clinical classes
Irena Wikiera-Magott	PhD, MD	medical science	pediatrician	Clinical classes
Anna Jakubowska	PhD, MD	medical science	pediatrician	Clinical classes
Agnieszka-Pukajto-Marczyk	PhD, MD	medical science	pediatrician	Clinical classes
Konstancja Fornalczyk	MD	medical science	pediatrician	Clinical classes
Agnieszka Bargenda-Lange	PhD, MD	medical science	pediatrician	Clinical classes
Katarzyna Prościak	MD	medical science	pediatrician	Clinical classes
Monika Storek	MD	medical science	pediatrician	Clinical classes
Anna Kawalec	PhD, MD	medical science	pediatrician	Clinical classes
Marta Koruba	MD	medical science	pediatrician	Clinical classes
Sylwia Gralec	MD	medical science	pediatrician	Clinical classes
2nd Department of Paediatrics, Gastroenterology and Nutrition				
Andrzej Stawarski	PhD, MD	medical science	pediatrician	Clinical classes
Krystyna Mowszet	PhD, MD	medical science	pediatrician	Clinical classes
Tomasz Pytrus	PhD, MD	medical science	pediatrician	Clinical classes
Elżbieta Krzesiek	PhD, MD	medical science	pediatrician	Clinical classes
Anna Kofla - Dłubacz	PhD, MD	medical science	pediatrician	Clinical classes
Agnieszka Borys-Iwanicka	PhD, MD	medical science	pediatrician	Clinical classes
Katarzyna Akutko	PhD, MD	medical science	pediatrician	Clinical classes
Tatiana Jamer	PhD, MD	medical science	pediatrician	Clinical classes
Joanna Braksator	MD	medical science	pediatrician	Clinical classes
Paweł Maleika	MD	medical science	pediatrician	Clinical classes

Date of Syllabus development
25.06.2021

Syllabus developed by

Prof. dr hab. Andrzej Boznański

Dr hab. Barbara Sozańska, Prof. UMW

Mgr Karolina Wójcik

Signature of Head of the teaching unit(s)
KATEDRA I KLINIKA PEDIATRII,
ALERGOLOGII I KARDIOLOGII
kierownik

prof. dr hab. Andrzej Boznański

Dean's signature

Wroclaw Medical University
Faculty of Medicine
.....
prof. Beata Soleszczyńska, PhD