



UNIwersytet MEDYCZNY

IM. PIASTÓW ŚLĄSKICH WE WROCŁAWIU

Uniwersytet Medyczny we Wrocławiu
 KATEDRA I KLINIKA PEDIATRII,
 GASTROENTEROLOGII I ŻYWIENIA
 50-369 Wrocław
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Appendix
 to Resolution No. 2186
 of Senate of Wrocław Medical University
 of 1 July 2020

Syllabus for academic year: 2020/2021			
Training cycle: 2017/2018-2022/2023			
Description of the course			
Module/Course	Pediatrics(1)	Group of detailed education results	
		Group code E	Group name Clinical science not invasive
Faculty	Medicine		
Major	medicine		
Unit realizing the subject	1st Department and Clinic of Paediatrics, Allergology and Cardiology 2nd Department and Clinic of Paediatrics, Gastroenterology and Nutrition Department of Paediatric Bone Marrow Transplantation, Oncology and Hematology Department and Clinic of Paediatric Nephrology 3rd Department and Clinic of Paediatrics, Immunology and Rheumatology of Developmental Age		
Specialties	not applicable		
Level of studies	Uniform magister studies X* 1 st degree studies <input type="checkbox"/> 2 nd degree studies <input type="checkbox"/> 3 rd degree studies <input type="checkbox"/> postgraduate studies <input type="checkbox"/>		
Form of studies	X full-time X part-time		
Year of studies	IV	Semester	X Winter X Summer
Type of course	X obligatory <input type="checkbox"/> limited choice <input type="checkbox"/> free choice / elective		
Course	X major <input type="checkbox"/> basic		
Language of instruction	<input type="checkbox"/> Polish X English <input type="checkbox"/> other		
* mark <input type="checkbox"/> with an X			
Number of hours			
Form of education			
1st Department and Clinic of Paediatrics, Allergology and Cardiology			
	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)	Specialist Classes – magister studies (SCM)
	Foreign language Course (FLC)	Physical Education obligatory (PE)	Vocational Practice (VP)
	Self-Study (Student's own work)	E-learning (EL)	



TOTAL per year:														
Direct (contact) education														
Online learning (synchronous)	12				7									
Distance learning (asynchronous)														
Department of Paediatric Bone Marrow Transplantation, Oncology and Hematology														
	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)	Specialist Classes – magister studies (SCM)	Foreign language Course (FLC)	Physical Education obligatory (PE)	Vocational Practice (VP)	Self-Study (Student's own work)	E-learning (EL)
Winter Semester														
Direct (contact) education														
Online learning (synchronous)	4				3									
Distance learning (asynchronous)					2									
Summer Semester														
Direct (contact) education														
Online learning (synchronous)					5									
Distance learning (asynchronous)					5									
TOTAL per year:														
Direct (contact) education														
Online learning (synchronous)	4				8									
Distance learning (asynchronous)					7									
Department and Clinic of Paediatric Nephrology														



Distance learning (asynchronous)																				
Summer Semester																				
Direct (contact) education																				
Online learning (synchronous)																				
Distance learning (asynchronous)																				
TOTAL per year:																				
Direct (contact) education																				
Online learning (synchronous)	2																			
Distance learning (asynchronous)																				

Educational objectives (max. 6 items)

- C1.** Developing the ability to physically examine a child in terms of diseases of the respiratory system, gastrointestinal tract, urinary system and hematopoietic system.
- C2.** Presentation of the morphological and physiological differences of individual organs and systems of the organism in developmental age (respiratory, digestive, urinary, hematopoietic systems).
- C3.** Presentation of the principles of rational nutrition of healthy and sick children.
- C4.** Educating students of prophylaxis and prevention in selected diseases of the digestive, respiratory, urinary and hematopoietic systems.
- C5.** Presentation of diseases of the respiratory system, gastrointestinal tract, urinary system and hematopoietic system in developmental age to students.
- C6.** To acquaint students with diseases of congenital malformations and genetic diseases of the respiratory, digestive, urinary and hematopoietic systems in developmental age.

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	Student who completes the module/course knows/is able to	Methods of verification of intended education	Form of didactic class
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	education result		results (forming and summarising)	**enter the abbreviation
W 01	EW1	Is capable to describe and explain of genetical, environmental and epidemiological factors of the most common diseases	Oral response	L CC
W02	EW2	Is capable to apply the rules of nutrition of healthy and sick children, immunization and health balance of a child.	Oral response	L CC
W03	EW3	Is capable to list and understands the causes, symptoms, diagnostic rules and therapeutic procedures of the most common diseases in children: a) acute and chronic diseases of the upper and lower respiratory tracts, congenital malformations of the respiratory tract, tuberculosis, cystic fibrosis, allergic rhinitis, anaphylactic shock, urticaria, angioedema, b) anemia, hemorrhagic diseases, bone marrow insufficiencies, neoplastic diseases in developmental age including tumors typical for child's age, c) acute and chronic abdominal pain, vomiting, diarrhea, constipation, gastrointestinal tract bleeding, ulcerative disease, inflammatory bowel disease, cholestasis and liver diseases and acquired diseases and congenital malformation of the gastrointestinal tract, e) urinary tract infections, congenital urinary tract malformations, nephrotic syndrome, urolithiasis, acute and chronic renal insufficiency, acute and chronic nephritis, systemic kidney diseases, urination disturbances, vesicoureteral reflux disease,	Oral response	L CC
W4	EW6	Is capable to diagnose and describe the most frequent life-threatening conditions in children and knows in practice algorithms of treatment of these conditions	Oral response	CC
U01	EU2	s capable to gather medical interview with a child and its family.	Practical skills	CC
U02	EU4	Is capable to conduct physical examination of a child at every age.	Practical skills assesment	CC
U03	EU7	Is capable to assess general state, consciousness and awareness of a patient.	Practical skills assesment /Oral response	CC
U04	EU9	Is capable to put anthropometric measurements and blood pressure into percentile charts.	Practical skills assesment /Oral response	CC
U05	EU12	Is capable to plan and conduct differentia diagnosis of the most common diseases in children	Oral response	CC
U06	EU13	Is capable to assess and describe somatic and psychological state of the patient	Practical skills assesment /Oral response	CC



U07	EU14	Is capable to recognize states of direct life-threatening	Oral response	CC
U08	EU16	Is capable to plan diagnostic, therapeutic and prophylactic process	Oral response	CC
U09	EU17	Is capable to interpret and analyze the possible adverse events of particular drugs and their interactions	Oral response	CC
U10	EU24	Is capable to interpret laboratory results, to identify the reasons of deviations and draw the conclusions from laboratory results	Oral response	CC
U11	EU25	Is capable to conduct feeding treatment (including enteral and parenteral feeding	Practical skills assessment /Oral response	CC
U12	EU28	Is capable to collect material used in laboratory diagnostics	Practical skills assessment /Oral response	CC
U13	EU29	Is capable to perform basic medical procedures and interventions, including: a) taking of body temperature, taking of pulse rate, noninvasive blood pressure measurement, b) monitor of life parameters with cardio monitor and pulse-oximeter, c) spirometry examination, oxygen treatment, assisted and artificial respiration, d) intravenous, subcutaneous and intramuscular injections, peripheral veins cannulation, peripheral blood collection, blood culture collection, arterial blood collection, arterialized capillary blood collection, e) collection of nasal, throat and skin swabs, pleural cavity puncture, f) urinary vesicle catheterization, stomach catheterization, stomach lavage, enema, h) simple strip tests, blood glucose determination.	Practical skills assessment /Oral response	CC
U14	EU30	Willingly and actively participates in the following medical procedures and interventions: a) blood and blood products transfusions, b) pleural cavity drainage, d) intradermic and scarification tests and interprets the results	Practical skills assessment /Oral response	CC
U15	EU32	Creates and is capable to plan consultations with consultants	Oral response	CC

** 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.

Please mark on scale 1-5 how the above effects place your classes in the following categories:
communication of knowledge, skills or forming attitudes:

Knowledge: 5

Skills: 5

Social competences: 5

Student's amount of work (balance of ECTS points)

Student's workload

Student Workload (h)



(class participation, activity, preparation, etc.)	
1. Contact hours:	24
2. Online learning hours (e-learning):	66
3. Student's own work (self-study):	30
Total student's workload	120
ECTS points for module/course	3,5
Comments	
<p>Content of classes</p> <p><u>I Department and Clinic of Pediatrics, Allergology and Cardiology</u> Classes are conducted in clinical wards (bed-side exercises), Allergology Outpatient Consultation Clinic and Respiratory System Functional Examination Laboratory. Students acquire theoretical and practical knowledge on etiopathogenesis and symptomatology of respiratory system diseases in children. As far as possible students independently take care of one or several patients in whom they take medical history, plan differential diagnostics, propose additional tests and treatment. Additionally, students assist in diagnostic and therapeutic procedures. Particular attention is paid to the development of individual drawing of conclusions and cooperation with family and basic care physician.</p> <p><u>II Department and Clinic of Pediatrics, Gastroenterology and Nutrition</u> Classes are conducted in clinical wards (bed-side exercises), Gastroenterology Outpatient Consultation Clinic, Endoscopy and Gastrointestinal System Functional Examination Laboratory. Students acquire theoretical and practical knowledge on etiopathogenesis and symptomatology of the gastrointestinal system diseases in children. As far as possible students independently take care of one or several patients in whom they take medical history, plan differential diagnostics, propose additional tests and treatment. Additionally, students assist in diagnostic and therapeutic procedures. Particular attention is paid to the development of individual drawing of conclusions and cooperation with family and basic care physician.</p> <p><u>Department and Clinic of Bone Marrow Transplantation, Pediatric Oncology and Hematology</u> Classes are conducted in clinical wards (bed-side exercises). Students acquire theoretical and practical knowledge on etiopathogenesis and symptomatology of the hematopoietical system diseases in children. Under supervision of the teacher students independently take care of one or several patients in whom they take medical history, plan differential diagnostics, propose additional tests and treatment. Additionally, students assist in diagnostic and therapeutic procedures. Particular attention is paid to the development of individual drawing of conclusions and cooperation with family and basic care physician.</p> <p><u>Department and Clinic of Pediatric Nephrology</u> Classes are conducted in the wards Clinic of Pediatric Nephrology and in Dialysis Station (bed-side exercises) and urodynamic laboratory. Students acquire theoretical and practical knowledge on etiopathogenesis and symptomatology of the urinary system diseases in children. As far as possible students independently take care of one or several patients in whom they take medical history, plan differential diagnostics, propose additional tests and treatment. Additionally, students assist in diagnostic and therapeutic procedures. Particular attention is paid to the development of individual drawing of conclusions and cooperation with family and basic care physician.</p> <p>Lectures 30 h; online learning</p> <p><u>Department and Clinic of Pediatrics, Allergology and Cardiology : winter semester 2, summer semester 2</u> 1. Acute and chronic inflammatory states of the respiratory system in children. 2. Life-threatening conditions in respiratory tract diseases in children.</p> <p><u>II Department and Clinic of Pediatrics, Gastroenterology and Nutrition : winter semester 6, summer semester 6</u> 1. Inflammatory bowel disease. 2. Celiac disease and malabsorption syndrome. 3. Functional disorders of the gastrointestinal tract in children. 4. Selected diseases of the upper gastrointestinal tract in children. 5. Pathological jaundices in infantile period. Diseases of the pancreas in children. 6. Modern diagnostic and therapeutic procedures in children with the diseases of gastrointestinal tract.</p> <p><u>Department and Clinic of Bone Marrow Transplantation, Pediatric Oncology and Hematology: winter semester 4, summer semester 0</u> 1. Anemias of children age. 2. Lymphadenopathy.</p>	



Department and Clinic of Pediatric Nephrology: winter semester 2, summer semester 6

1. Glomerulonephritis. Nephrotic syndrome.
2. Congenital malformation of the urinary tract.
3. Acute kidneys injury. Hemolytic-uremic syndrome.
4. Chronic renal disease.

III Department and Clinic of Propaedeutic of Pediatrics, Immunology and Rheumatology of Developmental Age: winter semester 0 summer semester 2

1. The most common diseases of connective tissue in children.

Seminars: none

Practical classes 60h, 3h each (winter semester 30, summer semester 30)

In winter semester 50% online learning

I Department and Clinic of Pediatrics, Allergology and Cardiology : winter semester 12, summer semester 3

1. Basic terms in allergology. Allergic diseases as a social problem, epidemiology, basic mechanisms of allergic diseases (environmental and genetic). Prophylaxis of allergy.
2. Respiratory tract infections. Symptomatology in various ages of children. Bronchial asthma, definition, pathophysiology, symptomatology, diagnostics (functional examinations of the respiratory system) treatment.
3. Skin disorders in allergology. Atopic dermatitis.
4. Hives. Symptomatology, pathogenesis, differential diagnostics, treatment.
5. Allergic rhinitis. Differential diagnosis of allergic and infectious rhinitis.

II Department and Clinic of Pediatrics, Gastroenterology and Nutrition :winter semester 8 , summer semester 7

1. Functional disorders of the gastrointestinal tract in infants and older children. Chronic abdominal pain in children, current diagnostic methods.
2. Acute diarrhea. Basics of correction of water-electrolyte balance and acid-base balance disturbances.
3. Pathological jaundices in infants and older children, Malformations of the biliary tracts. Cholelithiasis. Pancreatitis in children
4. Celiac disease and its manifestation in developmental age. Chronic diarrhea in children. Food intolerance and food allergy – diagnostics, differential diagnostics. Disturbances of digestion and intestinal absorption. Cystic fibrosis – manifestations in children.
5. Hemorrhage from the gastrointestinal tract. Inflammatory bowel disease.

Department and Clinic of Bone Marrow Transplantation, Pediatric Oncology and Hematology : winter semester 5, summer semester 10

1. Assessment of peripheral blood morphology in different age groups. Anemias of children age – symptoms, diagnostics, differential diagnostics, treatment. Thrombocytes count and functions disturbances. Granulocytes count and functions disturbances.
2. Lymphadenopathy. Hepatosplenomegaly.
3. Child age leukemia – symptoms, diagnostics, differential diagnostics, treatment. Child age lymphomas – symptoms, diagnostics, differential diagnostics, treatment.
4. Blood coagulation disturbances. (hemophilia, von Willebrand disease, thrombophilia, DIC).
5. Introduction to hematopoietic cells transplantations.

Department and Clinic of Pediatric Nephrology : winter semester 5, summer semester 10

1. Urinary tract infections: diagnostics, clinical symptoms, treatment. Functional disorders of the ureter and urinary bladder. Nocturnal enuresis. Developmental disorders of the urinary tract and their consequences, diagnosis treatment.
2. Nephrolithiasis – etiology, diagnostic and therapeutic algorithms, risk assessment. Congenital anomalies of kidney and urinary tract CAKUT -
3. Acute glomerulonephritis: etiology, clinical course, treatment. Chronic glomerulonephritis, pathomorphology, etiology, clinical course, treatment. Idiopathic nephrotic syndrome – etiopathogenesis, morphologic variants, clinical picture, recommended treatment methods of first relapse and in recurrent relapses. Arterial hypertension; etiology, diagnosis, diagnostic procedures, nonpharmacological treatment, pharmacological therapy.
4. Acute renal damage: causes, clinical variants, diagnosis, clinical picture, diagnosis, treatment indication for dialysis, Hemolytic - uremic syndrome, etiopathogenesis, diagnostics, clinical course, treatment.



5. Chronic kidneys disease, causes, pathogenesis, clinical picture, diagnostic and treatment before dialysis, disease monitoring, preparation for renal transplantation.

Other :none

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. Geme, 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, F
2. Materials presented at classes, seminars and lectures

Didactic resources requirements (e.g. laboratory, multimedia projector, other...)

Preliminary conditions (minimum requirements to be met by the student before starting the module/course)

1. **The condition for passing the exercises carried out by each department is obtaining a positive result from the test assessing the student's preparation for the current topic (the entrance test consists of five questions regarding the issues covered by the subject and / or knowledge of the rules of physical examination. Answer at three questions at least is required to pass the test**
2. Have appropriate clothing and footwear, a stethoscope, a flashlight for examining the throat
3. Acquiring the ability to perform a physical examination, conduct differential diagnosis and propose therapy

Conditions to receive credit for the course

1. To obtain a credit for the course, it is mandatory to have positive final test result at each of four pediatric departments participating in didactic process. Final test consists of 10 questions
 - 10 correct answers - very good
 - 9 correct answers - good plus
 - 8 correct answers - good
 - 7 correct answers - satisfactory plus
 - 6 correct answers - satisfactory
 - 5 and less correct answers – unsatisfactory

* the teacher conducting the classes or didactic tutor may rise the grade up (half of the grade) taking into consideration the partial tests results and student's involvement into the classes.



2. Attendance at all classes is required to receive final credit (in case of absence or negative result of introductory test, student is obliged to make up additional classes confirmed by the teacher's signature.
It is mandatory to make up for all absences including rector/s days and dean's hours (it is accepted to prepare topic presentation or written essay).

Grade:	Criteria (only for courses/modules ending with an examination)
Very Good (5.0)	Very good answers to the theoretical questions and positive resolve diagnostic and therapeutic problems. (100% answers 10/10)
Good Plus (4.5)	Good answers to the theoretical questions and positive resolve diagnostic and therapeutic problems. (90% answers 9/10)
Good (4.0)	Good answers to the greater part of the theoretical questions and rewarding solving diagnostic problems. (80% answers 8/10)
Satisfactory Plus (3.5)	Week answers to the greater part of the questions and lack of the independent problems solving. (70% answers 7/10)
Satisfactory (3.0)	Lack of the correct answers to the greater part of the questions and significant troubles with diagnostic problems. (60% answers 6/10)
	Criteria (only for courses/modules ending with e credit)
Credit	Does not apply to the Faculty of Medicine

Grade:	Criteria (examination evaluation criteria)
Very Good (5.0)	
Good Plus (4.5)	
Good (4.0)	
Satisfactory Plus (3.5)	
Satisfactory (3.0)	
Unit realizing the subject	In the course of specialization in pediatrics
Unit address	M. Curie-Skłodowska str. 50/52



	50-369 Wrocław
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E-Mail	andrzej.stawarski@umed.wroc.pl

Person responsible for module	dr n. med. Andrzej Stawarski
Coordinator	dr n. med. Andrzej Stawarski
Telephone	717703045
E-Mail	andrzej.stawarski@umed.wroc.pl

List of persons conducting specific classes				
Full name	Degree/scientific or professional title	Discipline	Performed profession	Form of classes
Andrzej Boznański	Prof. PhD MD	medicine	Pediatrician, allergist	L CC
Ewa Willak-Janc	PhD MD	medicine	Pediatrician, allergist	CC
Anna Dębińska	PhD MD	medicine	Pediatrician	CC
Hanna Danielewicz	PhD MD	medicine	Pediatrician, allergist	CC
Barbara Sozańska	Prof. PhD MD	medicine	Pediatrician, allergist	L CC
Anna Łątkowska	PhD MD	medicine	Pediatrician	CC
Wanda Balińska- Miśkiewicz	PhD MD	medicine	Pediatrician, allergist	CC
Joanna Połomska	MD	medicine	In the course of specialization in pediatrics	CC
Kalmil Bar	MD	medicine	In the course of specialization in pediatrics	CC
Hanna Sikorska- Szaflik	PhD MD	medicine	In the course of specialization in pediatrics	CC
Anna Maron	MD	medicine	Padiatrician	CC



Kot Agnieszka	MD	medicine	In the course of specialization in pediatrics	CC
Jarosiewicz Anna	MD	medicine	In the course of specialization in pediatrics	CC
Andrzej Stawarski	PhD MD	medicine	Padiatrician, gastrologist	L CC
Krystyna Mowszet	PhD MD	medicine	Padiatrician, gastrologist	CC
Tomasz Pytrus	PhD MD	medicine	Padiatrician, gastrologist	L CC
Elżbieta Krzesiek	PhD MD	medicine	Padiatrician, gastrologist	CC
Anna Kofla-Dłubacz	PhD MD	medicine	Padiatrician, children's gastrologist	L CC
Agnieszka Borys-Iwanicka	PhD MD	medicine	Padiatrician, children's gastrologist	CC
Tataiana Jamer	PhD MD	medicine	Pediatrician	CC
Paweł Maleika	MD	medicine	In the course of specialization in pediatrics	CC
Anna Danczewicz	MD	medicine	In the course of specialization in pediatrics	CC
Joanna Braksator	MD	medicine	Pediatrician, In the course of specialization in gastroenterology	CC
Natalia Olszak	MD	medicine	In the course of specialization in pediatrics	CC
Alicja Chybicka	Prof. PhD MD	medicine	Pediatrician, children's hematologist	L CC
Bernarda Kazanowska	Prof. PhD MD	medicine	Pediatrician, children's hematologist	L CC



Ewa Gorczyńska	Prof. PhD MD	medicine	Pediatrician, children's hematologist	CC
Krzysztof Kałwak	Prof. PhD MD	medicine	Pediatrician, children's hematologist	CC
Grażyna Wróbel	Prof. PhD MD	medicine	Pediatrician, children's hematologist	CC
Wojciech Pietras	PhD MD	medicine	Pediatrician, children's hematologist	CC
Marek Ussowicz	Prof. PhD MD	medicine	Pediatrician, children's hematologist	CC
Jadwiga Węclawek- Tompol	PhD MD	medicine	Pediatrician, children's hematologist	CC
Elżbieta Latos- Grażyńska	PhD MD	medicine	Pediatrician, children's hematologist	CC
Joanna Owoc- Lempach	PhD MD	medicine	Pediatrician, children's hematologist	CC
Monika Mielcarek	PhD MD	medicine	Pediatrician	CC
Dorota Segal- Pondel	PhD MD	medicine	Pediatrician	CC
Małgorzata Salomonowicz	PhD MD	medicine	Pediatrician	CC
Justyna Kwaśnicka	MD	medicine	Pediatrician	CC
Jowita Frączkiewicz	MD	medicine	In the course of specialization in pediatrics	CC
Anna Rodziewicz	MD	medicine	In the course of specialization in pediatrics	CC
Dorota Sokalla	MD	medicine	In the course of specialization in pediatrics	CC



Mateusz Stachowiak	MD	medicine	In the course of specialization in pediatrics	CC
Małgorzata Janeczko	MD	medicine	In the course of specialization in pediatrics	CC
Katarzyna Sierżęga	MD	medicine	In the course of specialization in pediatrics	CC
Agnieszka Pomykała	MD	medicine	In the course of specialization in pediatrics	CC
Zofia Lutrowicz	MD	medicine	In the course of specialization in pediatrics	CC
Danuta Zwolińska	Prof. PhD MD	medicine	Pediatrician, children's nephrologist	L CC
Katarzyna Kiliś-Pstrusińska	Prof. PhD MD	medicine	Pediatrician, children's nephrologist	CC
Irena Makulska	Prof. PhD MD	medicine	Pediatrician, children's nephrologist	CC
Dorota Polak-Jonkisz	Prof. PhD MD	medicine	Pediatrician, children's nephrologist	CC
Kinga Musiał	Prof. PhD MD	medicine	Pediatrician, children's nephrologist	CC
Anna Medyńska	Prof. PhD MD	medicine	Pediatrician, children's nephrologist	CC
Irena Wikiera-Magott	PhD MD	medicine	Pediatrician, children's nephrologist	CC
Anna Jakubowska	PhD MD	medicine	Pediatrician, children's nephrologist	CC



Agnieszka Pukajło-Marczyk	PhD MD	medicine	Pediatrician, children's nephrologist	CC
Konstancja Fornalczyk	Ph, MD	medicine	Pediatrician, children's nephrologist	CC
Katarzyna Prościak	MD	medicine	In the course of specialization in pediatrics	CC
Daiva Gorczyca	PhD MD	medicine	Pediatrician, rheumatologist	L

Date of Syllabus development

30.09.2020

Syllabus developed by

PhD MD Elżbieta Krzesiek

Signature of Head of teaching unit

Uniwersytet Medyczny
Im. Piastów Śląskich we Wrocławiu
II KATEDRA I KLINIKA PEDIATRII
GASTROENTEROLOGII I ŻYWIENIA...

p.o. kierownika
dr n. med. Andrzej Stawarski

Signature of Faculty Dean

Wrocław Medical University
Faculty of Medicine
Visiting Professor of English Studies
prof. Beata Sobieszcańska, PhD