



Pediatrics

1. IMPRINT	
Academic Year	2022/2023
Department	Faculty of Dental Medicine
Field of study	English Dentistry Division
Main scientific discipline <i>(in accord with appendix to the Regulation of Minister of Science and Higher education from 26th of July 2019)</i>	Medical science
Study Profile <i>(general academic / practical)</i>	General academic
Level of studies <i>(1st level / 2nd level / uniform MSc)</i>	Uniform MSc
Form of studies	Full time studies
Type of module / course <i>(obligatory / non-compulsory)</i>	Basic
Form of verification of learning outcomes <i>(exam / completion)</i>	Exam
Educational Unit / Educational Units <i>(and address / addresses of unit / units)</i>	Department of Child Neurology Warsaw Medical University, Al. Żwirki i Wigury 63a, 02-091 Warsaw

Head of Educational Unit / Heads of Educational Units	Dr hab. n. med. Krystyna Szymańska; krystyna.szymanska@wum.edu.pl
Course coordinator (title, First Name, Last Name, contact)	Dr hab. n. med. Krystyna Szymańska; krystyna.szymanska@wum.edu.pl
Person responsible for syllabus (First name, Last Name and contact for the person to whom any objections concerning syllabus should be reported)	Dr n. med. Małgorzata Bilka tel. 22 317 96 75; malgorzata.bilka@wum.edu.pl
Teachers	Dr hab. n.med. Krystyna Szymańska; krystyna.szymanska@wum.edu.pl Dr n. med. Małgorzata Bilka; malgorzata.bilka@wum.edu.pl Dr n.med. Elżbieta Sołowiej; elzbieta.solowiej@wum.edu.pl Dr n. med. Jolanta Strzelecka; jolanta.strzelecka@wum.edu.pl

2. BASIC INFORMATION

Year and semester of studies	III year, VI semester	Number of ECTS credits	3,5
FORMS OF CLASSES		Number of hours	ECTS credits calculation
Contacting hours with academic teacher			
Lecture (L)		10	0,4
Seminar (S)		10	0,4
Discussions (D)		30	1,2
e-learning (e-L)			
Practical classes (PC)			
Work placement (WP)			
Unassisted student's work			
Preparation for classes and completions		35	1,5

3. COURSE OBJECTIVES

O1	basic knowledge and skills in the field of paediatrics with the main focus on child development
O2	skills in general medical examination of children in different age groups as well as symptoms and principles of treatment of in diseases of the childhood including diseases of the oral cavity
O3	knowledge about the organization of the Polish paediatric health care system

4. STANDARDS OF LEARNING – DETAILED DESCRIPTION OF EFFECTS OF LEARNING (concerns fields of study regulated by the Regulation of Minister of Science and Higher Education from 26 of July 2019; does not apply to other fields of study)

<p>Code and number of effect of learning in accordance with standards of learning (in accordance with appendix to the Regulation of Minister of Science and Higher education from 26th of July 2019)</p>	<p>Effects in time</p>
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Knowledge – Graduate* knows and understands:

A.W1.	structure of the human body: cells, tissues, organs and systems with particular emphasis on the stomatognathic system
A.W3.	structure of the human body in topographic and functional approach
B.W22.	principles of metabolism and nutrition
E.W1.	morphological and functional abnormalities of organs and systems as well as clinical symptoms, knows possibilities of diagnostics and treatment
E.W3.	etiopathogenesis and symptomatology of diseases of the respiratory, circulatory, hematopoietic, genitourinary, immune, digestive, movement and endocrine glands, with particular emphasis on the disease entities whose symptoms occur in the oral cavity
E.W9.	principles of immunization against infectious diseases in children and adults
E.W17.	causes and mechanisms of cardiac arrest and respiratory failure as well as the principles of resuscitation and post-resuscitation procedures
E.W18.	life threatening conditions

Skills– Graduate* is able to:

S1	-
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Social Competencies – Graduate is ready for:

SC1	-
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* In appendix to the Regulation of Minister of Science and Higher education from 26th of July 2019 „graduate”, not student is mentioned.

5. ADDITIONAL EFFECTS OF LEARNING (non-compulsory)

<p>Number of effect of learning</p>	<p>Effects of learning in time</p>
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Knowledge – Graduate knows and understands:

K1	-
Skills– Graduate is able to:	
S1	-
Social Competencies – Graduate is ready for:	
SC1	-

6. CLASSES		
Form of class	Class contents	Effects of Learning
Lecture	<p>L1 – Lecture 1- Stages of the physiological child development ((the subject of the lecture include milestones of the child's development in the first years of life, including motor development, speech development)</p> <p>L2 – Lecture 2- Basic pathological symptoms in childhood (the subject of the lecture includes issues of the most common symptoms accompanying infections, the subject of childhood diseases)</p> <p>L3 – Lecture 3 - Seizures in childhood: causes and treatment (the subject of the lecture includes the issue of febrile seizures, their classification, management)</p> <p>L4 - Lecture 4 - Life-threatening conditions in childhood (the subject of the lecture includes the latest guidelines for resuscitation in children)</p> <p>L5 – Lecture 5 - The most frequent congenital defects in childhood (the subject of the lecture covers the issues of genetic diagnostics, the most common congenital defects and genetic syndromes in children)</p> <p>L6 – Lecture 6- The most frequent metabolic defects in childhood the subject of the lecture covers the issues of early symptoms of the most common metabolic disorders in children and their diagnosis, screening and treatment options</p> <p>L7 – Lecture 7 - Tumors of the childhood (the subject of the lecture includes red flags, i.e. symptoms indicating proliferative processes, their types, diagnosis and treatment)</p> <p>L8 – Lecture 8 - The most frequent infectious diseases in childhood (the subject of the lecture includes the most common viral and bacterial diseases of developmental age)</p>	<p>A.W1., A.W3.</p> <p>E.W 1., E.W3., E.U18., F.U1.</p> <p>E.W3.</p> <p>E.W 17., E.W18.</p> <p>A.W 1., A.W 3., E.W1.</p> <p>B.W22.</p> <p>A.W 3., E.W1., E.U4., E.U18.</p> <p>A. W 3., E.W 9.</p>

	<p>L9 – Lecture 9 - Vaccination in childhood (the subject of the lecture includes the principles of immunization, including the current vaccination calendar)</p> <p>L10 – Lecture 10 - The principles of the proper nutrition in childhood (the subject of the lecture includes the nutrition of small children, the importance of breastfeeding and the issues of allergy and its prevention)</p>	<p>E.W 9., A.W3.</p> <p>E.W 3.,B.W22.</p>
Seminars	<p>S1 – Seminar 1- Psychomotor retardation in childhood (topics include causes, recognition, rules of genetic testing, rehabilitation)</p> <p>S2 – Seminar 2- Psychomotor retardation in childhood (the subject of the seminar includes the principles of recognizing and treating respiratory infections)</p> <p>S3 – Seminar 3- Respiratory tract infections in childhood (the subject of the seminar includes the principles of recognizing and treating respiratory infections)</p> <p>S4 – Seminar 4 - Defects of hemostasis in childhood: (the subject includes the most common congenital bleeding disorders, principles of diagnostic and therapeutic procedures)</p> <p>S5 – Seminar 5 - Neuroinfections in childhood (the subject includes issues related to infections of the central nervous system, principles of diagnosis and treatment)</p> <p>S6 - Seminar 6 - Calcium-phosphate imbalance in childhood (symptoms, causes, diagnosis and treatment of disorders in children)</p> <p>S7 - Seminar 7 -Tumors of the head and neck in childhood (topics include symptomatology, diagnostic methods of the most common head and neck tumors)</p> <p>S8 – Seminar 8 - Autism and other psychiatric disorders in childhood (symptoms, principles of diagnosis and management in psychiatric disorders, with particular emphasis on autism spectrum disorders)</p> <p>S9 – Seminar 9 - The most frequent heart defects in childhood, management (symptoms, principles of treatment and management, principles of prophylaxis of bacterial endocarditis in the perioperative period)</p> <p>S10 - Seminar 10 - Jaundice, diarrhoea and other gastroenterological symptoms in childhood (issues of gastrointestinal diseases - symptoms, diagnosis and treatment)</p>	<p>F.U 1., F.U 2., G.U25.</p> <p>E.W1.</p> <p>E.W3.</p> <p>E.W3., E.U4.</p> <p>E.W 2.,E.W18.</p> <p>B.W22.</p> <p>E.U4., E.W18.</p> <p>E.W1.</p> <p>A.W1., E. W17.</p> <p>E.W1., E.W3.</p>

Practical trainings	PT 1 - Practical training 1 - Principles of taking medical history from a child and their relatives/carers	F.U1., G.U25.
	PT 2 - Practical training 2 - Physical examination of a child at any age. Recognizing of the symptoms of the abused child	F.U2.
	PT 3 - Practical training 3 - The most common diagnostic procedures used in paediatrics: indications, performance and interpretation	E.U4.
	PT 4 - Practical training 4 - Life-threatening conditions in paediatrics: diagnosis and treatment	E.U4.,E.W17., E.W18.
	PT 5 - Practical training 5 - Pathological signs and symptoms of the respiratory tract problems in childhood: diagnosis, causes and treatment	E.W3., E.W18.
	PT 6 - Practical training 6 - Pathological signs and symptoms of the cardiovascular system in childhood: diagnosis, causes and treatment	E.W3., E.W17.
	PT 7 - Practical training 7 - Pathological signs and symptoms of the gastrointestinal system in childhood: diagnosis, causes and treatment	E.W3., F.U2., E.U18.
	PT 8 - Practical training 8 - Skin changes in childhood: diagnosis, causes and treatment	E.W3.
	PT 9 - Practical training 9 - Pathological signs and symptoms of the nervous and muscular system in childhood: diagnosis, causes and treatment	E.W3.
	PT 10 - Practical training 10 - Pathological signs and symptoms of urinary tract in childhood: diagnosis, causes and treatment	E.W3.

7. LITERATURE

Obligatory

Lissauer T., Clayden G. "Illustrated Textbook of Paediatrics", 4th Edition, Copyright 2012

Supplementary

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8. VERIFYING THE EFFECT OF LEARNING

Code of the course effect of learning	Ways of verifying the effect of learning	Completion criterion
e.g. G.K1, G.S1, K1	<i>This field defines the methods used for grading students e.g. pop quiz, test, written report etc.</i>	e.g. threshold number of points
A.W1., A.W3., B.W22., E.W1., E.W 17., E.W3., E.W 9., E.W 17., E.W 18., E.U4., E.U18., F.U1.,	Active participation in seminars and exercises	At least 60% of correct answers

F.U2., F.U8., F.U13., G.U20., G.U25.		
	Test exam (60 single choice questions)	
Evaluation	Credit criteria	
2,0	The student gives less than 60% of correct answers	
3,0	The student gives less than 60- 67% of correct answers	
3,5	The student gives less than 68-75% of correct answers	
4,0	The student gives less than 76-83% of correct answers	
4,5	The student gives less than 84-90% of correct answers	
5,0	The student gives less than 90% of correct answers	

9. ADDITIONAL INFORMATION (*information essential for the course instructor that are not included in the other part of the course syllabus e.g. if the course is related to scientific research, detailed description of, information about the Science Club*)

1. Active participation in seminars and classes is a prerequisite for obtaining credit.
2. The student leaves his outer coats in the cloakroom.
3. It is obligatory to change into a doctor's coat and change shoes.

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