



Pediatrics

1. IMPRINT	
Academic Year	2023/2024
Department	English Dentistry Division
Field of study	Pediatrics
Main scientific discipline	Pediatrics
Study Profile	General academic
Level of studies	Uniform MSc
Form of studies	Full time studies
Type of module / course	Basic
Form of verification of learning outcomes	Exam
Educational Unit / Educational Units	Department of Child Neurology Warsaw Medical University, Al. Żwirki i Wigury 63a, 02-091 Warsaw

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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

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

Code and number of effect of learning in accordance with standards of learning	Effects in time
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	-

5. ADDITIONAL EFFECTS OF LEARNING

Number of effect of learning	Effects of learning in time
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	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)	A.W1., A.W3.
	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)	E.W 1., E.W3., E.U18., F.U1.
	L3 – Lecture 3 - Seizures in childhood: causes and treatment (the subject of the lecture includes the issue of febrile seizures, their classification, management)	E.W18.
	L4 - Lecture 4 - Life-threatening conditions in childhood (the subject of the lecture includes the latest guidelines for resuscitation in children)	E.W17, E.W 18.
	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)	A.W 1., A.W 3., E.W1.
	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	B.W22.
	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)	A.W 3., E.W1. E.U4., E.U18.
	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)	A.W 3., E.W 9.
	L9 – Lecture 9 - Vaccination in childhood (the subject of the lecture includes the principles of immunization, including the current vaccination calendar)	E.W 9., A.W 3.
	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)	A.W 3., E.W 9.
Seminars	S1 – Seminar 1- Psychomotor retardation in childhood (topics include	F.U 1., F.U 2., G.U25.

	<p>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>E.W 1.</p> <p>E.W 3.</p> <p>E.W 3., E.U4.</p> <p>E.W 2.,E.W 18.</p> <p>B.W 22.</p> <p>E.U4., E.W 18.</p> <p>E.W 1.</p> <p>A.W 1.,E. W17.</p> <p>E.W 1., E.W 3.</p>
Practical trainings	<p>PT 1 - Practical training 1 - Principles of taking medical history from a child and their relatives/carers</p> <p>PT 2 - Practical training 2 - Physical examination of a child at any age. Recognizing of the symptoms of the abused child</p> <p>PT 3 - Practical training 3 - The most common diagnostic procedures used in paediatrics: indications, performance and interpretation</p> <p>PT 4 - Practical training 4 - Life-threatening conditions in paediatrics: diagnosis and treatment</p> <p>PT 5 - Practical training 5 - Pathological signs and symptoms of the</p>	<p>F.U 1., G.U25.</p> <p>F.U 2.</p> <p>E.U 4.</p> <p>E.U 4.,E.W 17., E.W 18.</p> <p>E.W3., E.W18.</p>

respiratory tract problems in childhood: diagnosis, causes and treatment	
PT 6 - Practical training 6 - Pathological signs and symptoms of the cardiovascular system in childhood: diagnosis, causes and treatment	E.W 3., E.W 17.
PT 7 - Practical training 7 - Pathological signs and symptoms of the gastrointestinal system in childhood: diagnosis, causes and treatment	E.W 3., F.U 2., E.U18.
PT 8 - Practical training 8 - Skin changes in childhood: diagnosis, causes and treatment	E.W 3.
PT 9 - Practical training 9 - Pathological signs and symptoms of the nervous and muscular system in childhood: diagnosis, causes and treatment	E.W 3.
PT 10 - Practical training 10 - Pathological signs and symptoms of urinary tract in childhood: diagnosis, causes and treatment	E.W 3.

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
A.W1., A.W3., B.W22., E.W1., E.W 17., E.W3., E.W 9., E.W17., E.W 18., E.U4., E.U18., F.U1., F.U2., F.U8., F.U13., G.U20., G.U25.	Active participation in seminars and exercises	At least 60% of correct answers
	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

1. Active participation in seminars and classes is a prerequisite for obtaining credit.
2. The course is completed by obtaining a positive result in the final exam. Passing a course in the case of absence on the exam date or in the absence of a positive result allows the resit exam.
3. The student leaves his outer coats in the cloakroom.
4. It is obligatory to change into a doctor's coat and change shoes.

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ATTENTION

The final 10 minutes of the last class in the block/semester/year should be allocated to students'
Survey of Evaluation of Classes and Academic Teachers