



Paediatrics

64. IMPRINT	
Academic Year	2020/2021
Department	Department of Paediatrics with Clinical Assessment Unit
Field of study	Medical students programme, 6-year programme, 3 rd year
Main scientific discipline <i>(in accord with appendix to the Regulation of Minister of Science and Higher education from 26th of July 2019)</i>	The basic course in pediatrics
Study Profile <i>(general academic / practical)</i>	practical
Level of studies <i>(1st level /2nd level/ uniform MSc)</i>	Uniform MSc
Form of studies	English Division, full-time
Type of module / course <i>(obligatory / non-compulsory)</i>	Obligatory
Form of verification of learning outcomes <i>(exam / completion)</i>	completion
Educational Unit / Educational Units <i>(and address / addresses of unit / units)</i>	Department of Paediatrics with Clinical Assessment Unit. DSK UCKWUM Żwirki I Wigury 63a, 02-091 Warsaw

Head of Educational Unit / Heads of Educational Units	Ernest Kuchar, MD, PhD
Course coordinator <i>(title, First Name, Last Name, contact)</i>	Ernest Kuchar, MD, PhD
Person responsible for syllabus <i>(First name, Last Name and contact for the person to whom any objections concerning syllabus should be reported)</i>	Anna Piwowarczyk, MD anna.piwowarczyk@wum.edu.pl Monika Wanke-Rytt, MD, PhD, monika.wanke@uckwum.pl
Teachers	Ernest Kuchar, MD, PhD Anna Piwowarczyk, MD Magdalena Okarska-Napierała, MD, PhD Monika Wanke-Rytt, MD, PhD Michał Wronowski, MD Dominika Rykowska, MD Joanna Mańdziuk, MD

65. BASIC INFORMATION			
Year and semester of studies	5 th and 6 th (3-week course) 3 rd year	Number of ECTS credits	4
FORMS OF CLASSES		Number of hours	ECTS credits calculation
Contacting hours with academic teacher			
Lecture (L)		0	0
Seminar (S)		20	1,33
Discussions (D)			
e-learning (e-L)		Max 40%	
Practical classes (PC)		40	2,66
Work placement (WP)			
Unassisted student's work			
Preparation for classes and completions			

66. COURSE OBJECTIVES	
01	Identify normal growth, development and behavior and their assessment, as well as approaches to abnormalities from infancy through adolescence
02	Describe neonatal physiology (Apgar score, physiologic jaundice) and principles concerning prematurity
03	Recognize principles of physical examination in a neonates, infants, children and adolescents.
04	Describe health maintenance and preventive care for children: <ul style="list-style-type: none"> • nutrition, • vaccination, • screening tests • hydration • risk factor identification and modification.
05	Recognize common acute and chronic paediatric conditions, congenital and genetic syndromes.
06	Apply principles of physiology and pharmacology to children from birth through adulthood, especially age-related changes.
07	Demonstrate interpersonal communication skills that facilitate empathic relationships and effective collaborations with families, children and adolescents, and other health care professionals and teams

67. 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 effects of learning in accordance with standards of learning <i>(in accordance with appendix to the Regulation of Minister of Science and Higher education from 26th of July 2019)</i></p>	<p>Effects in time G.K.1-3, 6 G.S.2,4,7,9,10-14, 27,29,38</p>
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Knowledge – Graduate* knows and understands:

G.K1	environmental and epidemiological conditions of the most common diseases
G.K2	principles of feeding healthy and sick children, including natural feeding, vaccination
G.K3	causes, symptoms, principles of diagnosis and therapeutic management for the most common diseases in children
G.K6	most common life-threatening conditions in children and rules of conduct in these states;

Skills– Graduate* is able to:

G.S2	conduct a medical interview with the child and his or her family
G.S4	perform a physical examination of the child at any age
G.S7	assess the patient's general condition, state of consciousness and awareness
G.S9	compare anthropometric and blood pressure measurements with the data on the growth charts
G.S10	assess the stage of puberty
G.S11	Perform and understand developmental screenings
G.S12	perform a differential diagnosis of the most common diseases of adults and children
G.S13	assess and describe the patient's somatic and mental state

G.S14	recognize states of immediate danger to life
G.S27	Qualify the patient for vaccination;
G.S29	perform basic procedures and medical procedures
G.S38	keep patient's medical records

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

68. ADDITIONAL EFFECTS OF LEARNING <i>(non-compulsory)</i>	
Number of effect of learning	Effects of learning i time
Knowledge – Graduate knows and understands:	
K1	
K2	
Skills– Graduate is able to:	
S1	
S2	
Social Competencies – Graduate is ready for:	
SC1	<ol style="list-style-type: none"> 1) to establish and maintain deep and respectful contact with the patient, and to show understanding of world and cultural differences; 2) be guided by the patient's well-being; 3) respect the medical confidentiality and rights of the patient; 4) take action towards the patient on the basis of ethical principles, with awareness of the social conditions and limitations resulting from the disease, perceiving and recognizing their own limitations and making a self-assessment of deficits and educational needs; 6) promote pro-healthy behaviour; 7) use objective sources of information; 8) formulate conclusions from own measurements or observations; 9) implement the principles of professional camaraderie and cooperation in a team of specialists, including representatives of other medical professions, also in a multicultural and multinational environment; 10) formulating opinions concerning various aspects of professional activity; 11) assume responsibility for decisions taken in the course of professional activity, including in terms of own and other persons' safety

69. CLASSES		
Form of class	Class contents	Effects of Learning
Seminar	<p>1) physical and subjective paediatric investigation 2. psychomotor development 3 Feeding part 1 4 Nutrition part 2 5. evaluation of nutritional status 6. general state (state of consciousness, arrangement, body structure) 7 Skin, lymph nodes, head and neck examination 8 Basic symptoms and their differentiation in respiratory diseases (upper airways) 9 Basic symptoms and their differentiation in respiratory diseases (lower airways) 10 Basic symptoms and their differentiation in gastrointestinal diseases 11 Basic symptoms and their differentiation in urinary tract diseases 12 Basic symptoms and their differentiation in cardiovascular diseases 13 Basic symptoms and their differentiation in nervous system diseases (including febrile convulsions) 14. protective vaccinations 15 Acute infectious diarrhea 16 Fever 17. meningitis 18 Upper respiratory tract infections 19 Characteristics of individual development periods and assessment methods 20th Colloquium</p> <p>Materials: https://pediatria.wum.edu.pl/</p>	
Practical classes	<p>collecting an interview with a parent of a small child, an interview with an older child Physical examination - general condition, assessment of vital functions. Nutrition of children at the age of 1. Physical examination - head, neck, skin. Child development. Milestones. Physical examination - chest, respiratory system. Physical examination - abdominal cavity (gastrointestinal tract, urinary tract, puberty features)</p>	

	Physical examination - chest, cardiovascular system Basics of neurological examination. Skeletal-articular system. Child with fever (sepsis, upper respiratory tract infection). Child with fever (meningitis, gastroenteritis) Colloquium (practical and theoretical part)	
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70. LITERATURE
Obligatory
Obligatory literature: <ol style="list-style-type: none"> 1. Tom Lissauer, Will Carroll. Illustrated Textbook of Paediatrics, Elsevier. Fifth edition. (with. T. Lissauer Self-assessment in Paediatrics). 2. Karen J. Marcante, Robert M. Kliegman: Nelson Essentials of Pediatrics. Elsevier, Eighth edition 3. Denis Gill, Niall O'Brien. Paediatric Clinical Examination- made easy. Elsevier, Sixth edition. 4. L.S. Bickley MD, Bates' Pocket Guide to Physical Examination & History Taking, Lippincott Williams
Supplementary
http://szczepienia.pzh.gov.pl/en/immunization-schedule/ - Polish vaccination schedule

71. VERIFYING THE EFFECT OF LEARNING		
Code of the course effect of learning	Ways of verifying the effect of learning	Completion criterion
G.K.1-3, 6 G.S2,4,7,9,10-14, 27,29,38	<p><i>Credit for the exercises is given by the assistant on the basis of the student's participation in the exercises.</i></p> <p><i>Attendance of the student in all classes is mandatory; max. 1 day of excused absence (the form of homework must be agreed with the course coordinator).</i></p> <p><i>In the case of unexcused absences or more excused absences, the student is required to complete the entire block at a different date (to be agreed with the course coordinator).</i></p> <p><i>The coursework includes the completion of the exercises and the colloquium on the subject discussed during the class</i></p>	<p><i>Completion by assistant</i></p> <p><i>Written test (15 questions, minimum 9 questions required)*</i></p> <p><i>*In the case of a negative assessment, the date of</i></p>

		<i>the correctional colloquium is agreed with the course coordinator within a maximum of 2 weeks from the end of the class.</i>

72. 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)*

During classes, students are required to have: a doctor's apron, stethoscope, flashlight, badge, shift shoes and personal protective equipment.

The student has the opportunity to evaluate the classes by filling in the university's evaluation questionnaire for classes and academic teachers. Additionally, students can submit their comments directly to the Clinic Secretariat. All suggestions for conducting classes will be considered with utmost care.