



## Pomorski Uniwersytet Medyczny w Szczecinie

### SYLLABUS of the MODULE (SUBJECT)

#### General information

Module title: <b>PAEDIATRICS</b>	
Module type	Obligatory
Faculty PMU	Medicine and Dentistry (WLS)
Major	Medicine and Dentistry (KLD)
Specialty	-
Level of study	long-cycle
Mode of study	full-time/part-time
Year of studies, semester e.g. Year 1, semester (I and II)	Year 3 semester V
ECTS credits (incl. semester breakdown)	2
Type/s of training	Lectures/practical classes/laboratory classes/etc. (Number of hours) V sem.: W-26, PrCl-30
Form of assessment	final examination - test
Head of the Department/ Clinic, Unit	Prof. dr hab. med. Tomasz Urasiński
Persons conducting classes with indication of a tutor or person responsible for the module	prof. dr hab. Tomasz Urasiński Dr n. med. Karolina Zielezińska Dr n. med. Magdalena Bartnik Dr n. med. Aleksandra Zalewska- Szymanowicz Dr n. med. Paweł Wawryków Dr Sebastian Woźniak Dr n. med. Tomasz Ociepa <u>Dr n. med. Elżbieta Kamińska</u> e-mail: ekamienska@poczta.onet.pl
Department's/Clinic's/Unit's website	<a href="https://www.pum.edu.pl/Wydziały/">https://www.pum.edu.pl/Wydziały/</a> Faculty of Medicine with English Teaching/Department of Paediatrics, Haematology and Paediatric Oncology
Language	Polish/English

### Detailed information

Module objectives		Mastering the issues of normal and disturbed child development, symptomatology, diagnosis and treatment of selected childhood diseases. The ability to undertake appropriate dental treatment of children with coexisting conditions of childhood, including haemostasis disorders and disease entities with changes in the oral cavity.	
Prerequisite /essential requirements	Knowledge	The knowledge accumulated during the first 2 years of studies at the Faculty of Medicine and Dentistry, in particular the basics of human anatomy, human physiology and pathophysiology, biochemistry, pathomorphology and basics of pharmacy.	
	Skills	Critical reading of professional literature, including from internet sources. Thorough library preparation	
	Competences	The habit of self-education, the ability to work in a group, interpersonal communication skills, the ability to use emotional intelligence responsibly	
Description of the learning outcomes for the subject /module			
item	Student, who has passed the module (subject) knows /is able to /can:	SYMBOL (referring to) Assumed Learning Outcomes	Means of verification of learning outcomes*
W01	knows basic methods of medical examination and importance of additional examination with regard to diagnosis, monitoring, prognosis and prophylaxis of organ and systemic disorders in particular its effect on oral cavity tissues	K_E.W02	ET
W02	knows etiopathogenesis and symptomatology of diseases of respiratory system, circulatory system, genitourinary system, hematopoietic system, immunological system, alimentary system, motor system and endocrine system with particular focus on disease whose symptoms occur in oral cavity	K_E.W03	ET
W03	knows symptoms of acute diseases of abdominal cavity, poisoning, symptoms of infection and septicemia	K_E.W07	ET
W04	knows symptoms of viral hepatitis, HIV, AIDS and lymphadenopathy in contagious and parasitic diseases	K_E.W08	ET
W05	knows principles of immunity to contagious diseases in children and adults	K_E.W09	ET
W06	knows life-threatening states	K_E.W18	ET
W07	knows when to refer patient to hospital	K_E.W20	ET
U01	interprets results of laboratory examination	K_E.U04	ET
U02	plans treatment in case of exposure to hematogenous infection	K_E.U06	ET
U03	qualifies patient for vaccination	K_E.U07	ET
U04	identifies life-threatening risk	K_E.U08	ET
U05	explains and recognizes symptoms of shock and	K_E.U09	ET

	acute circulatory failure		
U06	preliminarily diagnoses neoplastic changes in area of nose, throat and larynx	K_E.U13	ET
U07	diagnoses diseases causing enlargement of cervical lymph nodes and mandibular lymph nodes and contagious diseases with particular regard to changes in area of oral cavity	K_E.U18	ET
U08	performs basic procedures and operations: body temperature measurement, sphygmometry, non-invasive blood pressure measurement, oxygen therapy, forced and supportive ventilation, introduction of mouth-throat tube, preparation of operating field, hygienic and surgical disinfection of hands, intravenous, intramuscular and subcutaneous injections, drawing peripheral venous blood, nose, throat and skin swabs, simple strip tests and glucose concentration measurement	K_E.U20	ET
K01	can co-operate with team members and care about occupational safety	K_K03	ET
K02	shows respect to patient, social groups and cares for their goodwill and security	K_K05	ET
K03	can make opinions on different aspects of professional activities	K_K10	ET

<b>Table presenting LEARNING OUTCOMES in relation to the form of classes</b>									
item	SYMBOL (referring to) Assumed Learning Outcomes	Form of didactic classes							
		Lecture	Seminar	Practical classes	Clinical classes	...	...	...	other ...
1.	K_E.W02	X			X				
2.	K_E.W03	X			X				
3.	K_E.W07	X			X				
4.	K_E.W08	X			X				
5.	K_E.W09	X			X				
6.	K_E.W18	X			X				
7.	K_E.W20	X			X				
8.	K_E.U04	X			X				
9.	K_E.U06	X			X				
10.	K_E.U07	X			X				
11.	K_E.U08	X			X				
12.	K_E.U09	X			X				
13.	K_E.U13	X			X				
14.	K_E.U18	X			X				
15.	K_E.U20	X			X				
16.	K_K03	X			X				
17.	K_K05	X			X				
18.	K_K10	X			X				

item	Description of learning content	Number of hours	References to learning outcomes for the module
TK01	<b>Lecture The child's physical and mental development. Physical examination of a child. Principles of caring for a healthy and sick child. The impact of nutrition on the development and health of the child.</b> PRACTICAL CLASS – DEVELOPMENT AND PHYSICAL EXAMINATION OF A CHILD. NUTRITION OF A CHILD. NUTRITIONAL DISORDERS.	4	W01, W03, K01, K02
TK02	<b>Lecture Distinctions of the neonatal age - the most frequent pathological states. Calcium-phosphate metabolism and its disorders.</b> DISORDERS OF CALCIUM- PHOSPHATE ECONOMY (factors regulating calcium-phosphate metabolism, rickets, tetany, hypoparathyroidism and hyperparathyroidism). EFFECT OF DISORDERS ON DENTAL DEVELOPMENT.	4	W01, W02, W06, W07, U01, U04, U08, K01, K02
TK03	<b>Lecture Immune system defense, states of impaired immunity. Active and passive immunization in children.</b> PRACTICAL CLASS – IMMUNE DISORDERS.. INDICATIONS FOR ANTIBIOTIC THERAPY AFTER DENTAL PROCEDURES. FUNGAL INFECTIONS IN CHILDREN.	4	W01, W02, W03, W04, W05, W06, W07, U01, U02, U03, U04, U05, U08, K01, K02
TK04	<b>Lecture: Urinary system diseases in children.</b> PRACTICAL CLASS - DISEASES OF THE URINARY SYSTEM ( urinary tract infections, nephrotic syndrome, renal failure, hypertension).	4	W01, W02, W06, W07, U01, U04, U08, K01, K02
TK05	<b>Lecture: Diseases of the blood and blood-forming system in children.</b> PRACTICAL CLASS - DISEASES OF THE BLOOD AND BLOOD-FORMING SYSTEM WITH PARTICULAR REFERENCE TO CONGENITAL AND ACQUIRED HAEMORRHAGIC DIATHESSES.	4	W01, W02, W06, W07, U01, U02, U04, U05, U08, K01, K02
TK06	<b>Lecture: Neoplasms in children.</b> PRACTICAL CLASS - NEOPLASTIC DISEASES IN CHILDREN.	2	W01, W06, W07, U01, U02, U04, U05, U06, U08, K01, K02
TK07	<b>Lecture: Differential diagnosis of diseases of developmental age with enlargement of lymph nodes of the neck region.</b> PRACTICAL CLASS - PATHOLOGICAL CONDITIONS IN CHILDREN WITH ENLARGEMENT OF LYMPH NODES OF THE NECK AND JAW AREA.	4	W01, W04, W06, W07, U01, U04, U07, U08, K01, K02
TK08	<b>Lecture: Infectious diseases of childhood. Oral lesions in the course of infectious diseases.</b> PRACTICAL CLASS -	4	W01, W03, W04, W07, U01, U07, U08, K01, K02

	DIFFERENTIATION OF ORAL LESIONS IN CHILDREN		
TK09	<b>Lecture Respiratory system diseases in children.</b> PRACTICAL CLASS - RESPIRATORY TRACT INFECTIONS. DIAGNOSIS OF RESPIRATORY INSUFFICIENCY - therapeutic treatment.	4	W01, W06, W07, U01, U04, U08, K01, K02
TK10	<b>Lecture: Atopy and allergic diseases in children.</b> PRACTICAL CLASS - ALLERGIC DISEASES. ANAPHYLACTIC SHOCK - CAUSES, DIAGNOSIS AND TREATMENT	4	W01, W06, W07, U01, U02, U04, U05, U08, K01, K02
TK11	<b>Lecture: The most common congenital diseases in children: congenital defects, diseases caused by genetic and metabolic disorders.</b> PRACTICAL CLASS - MOST COMMON GENETIC SYNDROMES IN CHILDREN	4	W01, W06, W07, U01, U02, U04, U08, K01, K02
TK12	<b>Lecture: Diseases of cardiovascular system. Endocrine system diseases in children.</b> PRACTICAL CLASS - MOST COMMON ENDOCRINE SYSTEM DISEASES IN CHILDREN	4	W01, W06, W07, U01, U04, U05, U08, K01, K02
TK13	<b>Lecture Diseases of the gastrointestinal tract in children.</b> PRACTICAL CLASS - DISEASES OF THE GASTROINTESTINAL TRACT IN CHILDREN.	4	W01, W03, W04, W07, U01, U04, U08, K01, K02
TK14	<b>Lecture: Endocrine system diseases in children.</b> PRACTICAL CLASS - CONVULSIONS IN CHILDREN - CAUSES, TREATMENT.	2	W01, W06, W07, U01, U04, U08, K01, K02
TK15	<b>Lecture: Disease entities in paediatrics conditioning dental treatment.</b> PRACTICAL CLASS - DISEASE UNITS REQUIRING SPECIFIC DENTAL CARE IN CHILDREN ( haemorrhagic diathesis, neoplastic diseases during and after chemotherapy, immune disorders, heart defects, epilepsy, impairment of psychomotor development	4	W01, W03, W06, W07, U01, U02, U04, U05, U06, U08, K02, K03

<b>Booklist:</b>
Obligatory literature:
1. Pediatria Tom 1-2 pod red. W. Kawalec Wydawnictwo Lekarskie PZWL 2013 wyd. 1

Student's workload (balance of ECTS scores)			
Form of student's activity (in-class participation; activeness, produce a report, etc.)	Student's workload [h]		
	Tutor	Student	Mean
Contact hours with the tutor	60		
Time spent on preparation to seminars/ practical classes	20		
Time spent on reading recommended literature	80		
Time spent on writing report/making project	0	0	0
Time spent on preparing to colloquium/ entry test	10		
Time spent on preparing to exam	40		
Other .....			
Student's workload in total	210		
ECTS credits for the module/subject	2		
Notes			

\* Selected examples of methods of assessment:

EP – written examination

EU - oral examination

ET – test examination

EPR – practical examination

K – colloquium

R – report

S – practical skills assessment

RZC – practical classes report, incl. discussion on results

O - student's active participation and attitude assessment

SL - lab report

SP – case study

PS - assessment of student's ability to work independently

W – entry test

PM – multimedial presentation