



Pomorski Uniwersytet Medyczny w Szczecinie
SYLLABUS of the MODULE
(SUBJECT)

General information

Module name: Paediatrics	
Module type	Mandatory
Faculty PMU	Medicine and Dentistry (WLS)
Major	Medical and Dentistry (KLD)
Specialty	-
Level of study	Long-cycle studies
Form of study	full-time/part-time
Year, semester of studies 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/laboratories/etc. (Number of hours) V semester: W-30 (lectures) Ćw. -30 (pract. classes)
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 Dr n. med. Elżbieta Kamińska e-mail: ekamienska@poczta.onet.pl
Department's/Clinic's/Unit's website	https://www.pum.edu.pl/Wydziały/ Wydział Lekarski z Nauczaniem w Języku Angielskim/ Katedra Pediatrii, Hematologii i Onkologii Dziecięcej
Language	Polish/English

Detailed information

Module/subject objectives		Mastery of issues in normal and disordered child development, symptomatology, diagnosis and treatment of selected childhood disorders. The ability to undertake appropriate dental treatment in children with coexisting conditions of childhood, including haemostasis disorders and disease entities with lesions in the oral cavity.	
Prerequisite /essential requirements	Knowledge	Knowledge accumulated during the first 2 years of studies at the Faculty of Medicine and Dentistry in particular from the basics of human anatomy. biochemistry, pathomorphology and basics of pharmacy.	
	Skills	Critical reading of specialist literature, including from internet sources. Thorough library preparation	
	Competences	The habit of self-education, ability to work in a group, interpersonal communication skills responsible use of emotional intelligence	
Description of learning outcomes for the module (subject)			
No.	Student, who has passed the (subject)	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 cavity.	K_E.W02	ET
W02	knows etiopathogenesis and symptomatology of diseases of the respiratory, circulatory, haematopoietic, genitourinary and immunological systems. digestive, musculoskeletal and endocrine systems, with particular reference to disease entities whose symptoms occur in oral cavity 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	know the symptoms of viral hepatitis HIV infection and acquired immunodeficiency syndrome (AIDS) and lymphadenopathy in infectious and parasitic diseases	K_E.W08	ET
W05	knows the principles of immunization against infectious 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 the course of action in case of exposure to blood-borne infections	K_E.U06	ET
U03	qualifies patient for vaccination	K_E.U07	ET
U04	identifies life-threatening risk	K_E.U08	ET
U05	describes and recognizes symptoms of shock and acute circulatory failure	K_E.U09	ET
U06	initially diagnoses neoplastic changes within the nose, throat and larynx	K_E.U13	ET
U07	diagnoses diseases with enlargement of neck and submandibular lymph nodes and infectious diseases, with particular emphasis on changes in the oral cavity	K_E.U18	ET
U08	performs basic medical procedures: temperature, pulse and non-invasive blood pressure measurement, oxygen treatment, assisted and replacement ventilation, oropharyngeal tube insertion, surgical field preparation hygiene and surgical hand decontamination, intravenous, intramuscular and subcutaneous injections, collection of peripheral venous blood, nasopharyngeal and skin swabs, taking nasal, throat and skin swabs, simple strip tests and blood glucose measurement	K_E.U20	ET
K01	is able to interact and work in a group and care of his/her own work safety and that of others	K_K03	ET
K02	shows respect for the patient, social groups and concern for their welfare and safety	K_K05	ET
K03	can formulate opinions on various aspects of professional activity	K_K10	ET

Table presenting LEARNING OUTCOMES in relation to the form of classes

No.	Symbol (referring to) Assumed Learning Outcomes	Form of didactic classes							
		Lecture	Seminar	Practical	Clinical classes	others ...
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				

No.	Description of learning content	No. of hours	Referring to learning outcomes for the module
TK01	Lecture: Physical and mental development of the child. Physical examination of a child. Principles of caring for a healthy and sick child. The impact of nutrition on a child's development and health. PRACTICAL CLASS - DEVELOPMENT AND PHYSICAL EXAMINATION OF A CHILD. CHILD NUTRITION. NUTRITIONAL DISORDERS.	4	W01, W03, K01, K02
TK02	Lecture: Distinctions of the neonatal age - the most common pathological states. Calcium-phosphate metabolism and its disorders. PRACTICAL CLASS - DISORDERS OF CALCIUM- PHOSPHATE METABOLISM (factors factors regulating calcium-phosphate metabolism, rickets, tetany, hypoparathyroidism and hyperparathyroidism). EFFECT OF DISORDERS ON THE DEVELOPMENT OF DENTITION.	4	W01, W02, W06, W07, U01, U04, U08, K01, K02
TK03	Lecture: Immune defence of the body, states of impaired immunity. Active and passive immunization in children. 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	Lecture: Urinary tract diseases in children. PRACTICAL CLASS - DISEASES OF THE URINARY SYSTEM (urinary tract infections, nephrotic syndrome, renal insufficiency, hypertension).	4	W01, W02, W06, W07, U01, U04, U08, K01, K02
TK05	Lecture: Blood and blood-forming system diseases in children. PRACTICAL CLASS - DISEASES OF THE BLOOD AND BLOOD-FORMING SYSTEM WITH PARTICULAR EMPHASIS ON CONGENITAL AND ACQUIRED HAEMORRHAGIC DIATHESIS.	4	W01, W02, W06, W07, U01, U02, U04, U05, U08, K01, K02
TK06	Lecture: Tumours in children. PRACTICAL CLASS - CANCER IN CHILDREN.	4	W01, W06, W07, U01, U02, U04, U05, U06, U08, K01, K02

TK07	Lecture: Differential diagnosis of diseases of developmental age with enlargement of lymph nodes of the neck region. PRACTICAL CLASS - PATHOLOGICAL CONDITIONS IN CHILDREN WITH ENLARGEMENT OF LYMPH NODES IN THE NECK AND JAW AREA.	4	W01, W04, W06, W07, U01, U04, U07, U08, K01, K02
TK08	Lecture: Infectious diseases of childhood. Changes in the oral cavity in the course of infectious diseases. PRACTICAL CLASS - DIFFERENTIATION OF CHANGES IN THE ORAL CAVITY IN CHILDREN	4	W01, W03, W04, W07, U01, U07, U08, K01, K02
TK09	Lecture: Diseases of the respiratory system in	4	W01, W06, W07, U01,

	children. PRACTICAL CLASSES - RESPIRATORY TRACT INFECTIONS. DIAGNOSIS OF RESPIRATORY INSUFFICIENCY respiratory failure - therapeutic management.		U04, U08, K01, K02
TK10	Lecture: Atopy and allergic diseases in children. PRACTICAL CLASS - ALLERGIC DISEASES. ANAPHYLACTIC SHOCK - CAUSES, DIAGNOSIS AND TREATMENT	4	W01, W06, W07, U01, U02, U04, U05, U08, K01, K02
TK11	Lecture: The most common congenital diseases in children: birth defects, diseases caused by genetic and metabolic disorders. PRACTICAL CLASS - THE MOST COMMON GENETIC SYNDROMES IN CHILDREN	4	W01, W06, W07, U01, U02, U04, U08, K01, K02
TK12	Lecture: Circulatory system diseases. Urinary tract diseases in children. PRACTICAL CLASS - THE MOST COMMON DISEASES OF THE ENDOCRINE SYSTEM IN CHILDREN	4	W01, W06, W07, U01, U04, U05, U08, K01, K02
TK13	Lecture: Gastrointestinal diseases in children. PRACTICAL CLASS - GASTROINTESTINAL DISEASES IN CHILDREN.	4	W01, W03, W04, W07, U01, U04, U08, K01, K02
TK14	Lecture: Urinary tract diseases in children. PRACTICAL CLASS - CONVULSIONS IN CHILDREN - CAUSES,.	4	W01, W06, W07, U01, U04, U08, K01, K02
TK15	Lecture: Disease entities in paediatrics determining dental management. PRACTICAL CLASS - CHILDREN'S DISEASES REQUIRING SPECIFIC STOMATOLOGICAL PROCEDURE (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

Booklist
Obligatory literature
1. Pediatria Tom 1-2 pod red. W. Kawalec Wydawnictwo Lekarskie PZWL 2013 wyd. 1

Student's workload (balance of ECTS credits)			
Form of student's activity (in-class participation; activeness, produce a report, etc.)	Student's workload [h]		
	Tutor	Student	Average
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 on Laboratory/practical classes/making project/paper etc.	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 RZĆ – practical classes report, incl. discussion on results
 O – student's active participation and attitude assessment
 SL – laboratory report
 SP – case study
 PS - assessment of student's ability to work independently
 W – entry test
 PM – multimedial presentation