



Pomorski Uniwersytet Medyczny w Szczecinie

SYLLABUS of the MODULE (SUBJECT) General Information

Module title: Pediatrics	
Module type	Obligatory
Faculty PMU	Faculty of Medicine
Major	Medicine
Level of study	long-cycle
Mode of study	full-time studies
Year of studies, semester	Year V, semester IX and X
ECTS credits (incl. semester breakdown)	5
Type/s of training	lectures (15h) /seminars (25h)/ practical (57h)/CSM (6h)
Form of assessment*	<input checked="" type="checkbox"/> graded assessment: <input type="checkbox"/> descriptive <input checked="" type="checkbox"/> test <input type="checkbox"/> practical <input type="checkbox"/> oral <input type="checkbox"/> non-graded assessment <input checked="" type="checkbox"/> final examination <input type="checkbox"/> descriptive <input checked="" type="checkbox"/> test <input checked="" type="checkbox"/> practical <input type="checkbox"/> oral
Head of the Department/ Clinic, Unit	Prof. dr. hab. n .med. Tomasz Urański
Tutor responsible for the module	dr n. med. Magdalena Bartnik magdalena.bartnik@pum.edu.pl
Department's/ Clinic's/ Unit's website	Department of Pediatrics, Hemato-Oncology and Gastroenterology
Language	English

* replace into where applicable

Detailed information

Module objectives		<p>1. to remind and complete the knowledge of the introduction to clinical medicine</p> <p>2. to help student to accumulate clinical thinking skills for diagnostic procedures, conduct a proper differential diagnosis and appropriate treatment of childhood diseases presented in the curriculum of III, IV and V year of the Faculty of Medicine</p> <p>3. to teach students the manner of implementing prophylactic measures for diseases that occur in childhood</p> <p>4. to develop ethical attitude and skills helpful to deal with a sick child, to develop skills for dealing with parents / guardians of a sick child</p>
Prerequisite /essential requirements	Knowledge	The knowledge accumulated during the first four years of study at the Faculty of Medicine, in particular anatomy, embryology, histology, biochemistry, physiology, introduction to clinical medicine, pathology and pharmacology.
	Skills	Critical reading of literature, including web resources. Good preparation of library services
	Competences	The habit of self-education, ability to work in team, interpersonal communication skills, the ability of responsible usage of emotional intelligence

Description of the learning outcomes for the subject /module			
No. of learning outcome	Student, who has passed the (subject) knows /is able to /can:	SYMBOL (referring the standards)	Method of verification of learning outcomes*
W01	environmental and epidemiological conditions of the most common diseases	E. W01	O, D, ET, EP
W02	rules of nutrition for healthy and sick children, including natural feeding, preventive vaccinations and keeping child's health records	E. W02	O, D, ET, EP
W03	causes, symptoms, principles of diagnosis and treatment of children's the most common diseases.	E. W03	O, D, ET, EP
W06	the most common life-threatening conditions that happen to children and the procedures, that need to be taken in such cases	E. W06	O, D, ET, EP
W19	characteristics of mental disorders and their treatment in children, adolescents and elderly	E. W19	O, D, ET, EP
W37	causes, symptoms, principles of diagnosis and treatment the most common hereditary diseases,	E. W37	O, D, ET, EP
U2	conducting a medical interview with a child and his/her family	E. U2	S
U4	conducting a physical examination of a child at any age	E. U4	S
U6	conducting an indicative hearing, visual field and otoscopic examination	E. U6	S
U7	assessing the general condition, state of consciousness and awareness of the patient	E. U7	S

U8	assessing the condition of the newborn on the Apgar scale and its maturity, examining the newborn reflexes	E. U8	S
U9	comparing anthropometric and blood pressure measurements with data on centile grids;	E. U9	S
U10	assessing the degree of advancement of pubescence;	E. U10	S
U11	conducting a check-up	E. U11	S
U12	conducting a differential diagnosis of the most common diseases of adults and children	E. U12	S
U14	recognizing the immediate life-threatening state;	E. U14	S
U15	recognizing the condition after consuming alcohol, drugs and other stimulants,	E. U15	S
U16	plan diagnostic, therapeutic and prophylactic procedures	E. U16	S
U18	suggesting individualization of current treatment guidelines and other methods of treatment in the case of ineffectiveness or contraindications to standard therapy;	E. U18	S
U20	qualifying the patient for home and hospital treatment;	E. U20	S
U21	identifying conditions, in which the life expectancy, functional state or patient preferences limit the methods recommended for a given disease;	E. U21	S
U22	performing a functional assessment of a patient with a disability;	E. U22	S
U24	interpreting the results of laboratory tests and identifying the causes of deviations from the norm;	E. U24	S
U25	applying clinical nutrition, including enteral and parenteral nutrition;	E. U25	S
U27	qualifying the patient for vaccinations;	E. U27	S
U29	performing basic medical procedures and treatments, which includes:	E. U29	S
U30	assisting in the following medical procedures and treatments:	E. U30	S
U32	planning specialist consultations;	E. U32	S
U33	implementing basic treatment procedures for acute poisonings;	E. U33	S
U34	monitoring the condition of a patient poisoned with chemicals or drugs	E. U34	S
U36	proceeding in case of injuries (applying a dressing or immobilizing, dressing and suturing the wound);	E. U36	S
U37	recognizing the patient's agony and announcing his/her death;	E. U37	S

U38	keeping the patient's medical records.	E. U38	S
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Table presenting LEARNING OUTCOMES in relation to the form of classes								
No. of learning outcome	Learning outcomes	Type of training						
		Lecture	Seminar	Practical	Clinical classes	Simulations	E-learning	Other...
W01	E. W01	x	x					
W02	E. W02	X	X					
W03	E. W03	x	X					
W06	E. W06	x	X					
W19	E. W19	x	X					
W37	E. W37	x	X					
U2	E. U2			X				
U4	E. U4			X				
U6	E. U6			X				
U7	E. U7			X				
U8	E. U8			X				
U9	E. U9			X				
U10	E. U10			X				
U11	E. U11			X				
U12	E. U12			X				
U14	E. U14			X				
U15	E. U15			X				
U16	E. U16			X				
U18	E. U18			X				
U20	E. U20			X				
U21	E. U21			X				
U22	E. U22			X				
U24	E. U24			X				
U25	E. U25			X				
U27	E. U27			X				
U29	E. U29			X				
U30	E. U30			X				
U32	E. U32			X				
U33	E. U33			X				
U34	E. U34			X				
U36	E. U36			X				
U37	E. U37			X				
U38	E. U38			X				

Table presenting TEACHING PROGRAMME			
No. of a teaching programme	Teaching programme	No. of hours	References to learning outcomes

Lectures		15h	
TK01	Emergency in pediatrics	4	E. W6, E.U2, E.U4, E.U7
TK02	Pediatric hematology and oncology	11	E. W6, E.U2, E.U4, E.U7
Seminars		25h	
TK01	NEPHROTIC SYNDROME AND GLOMERULONEPHRITIS IN CHILDREN	1	E. W01, E. W02, E. W03, E.U2, E.U4, E.U6, E.U7, E.U9, E.U10, E.U11, E.U12, E.U14, E. U16, E. U18, E. U20, E. U21, E. U22, E. U24, E. U29, E. U30, E U.32, E. U38
TK02	HYPERTENSION IN CHILDREN	1	E. W01, E. W03, E.U2, E.U4, E.U6, E.U7, E.U9, E.U10, E.U11, E.U12, E.U14, E. U16, E. U18, E. U20, E. U21, E. U22, E. U24, E. U29, E. U30, E U.32, E. U38
TK03	URINARY TRACT INFECTIONS IN CHILDREN	1	E. W01, E. W03, E.U2, E.U4, E.U6, E.U7, E.U9, E.U10, E.U11, E.U12, E.U14, E. U16, E. U18, E. U.20, E. U21, E. U22, E. U24, E. U29, E. U30, E U.32, E. U38
TK04	ANAEMIA IN CHILDREN	1	E. W01, E. W03, E.U2, E.U4, E.U6, E.U7, E.U9, E.U10, E.U11, E.U12, E.U14, E. U16, E. U18, E. U20, E. U21, E. U22, E. U24, E. U29, E. U30, E U32, E. U38
TK05	LYMPHADENOPATHY IN CHILDREN. COVID INFECTION. PIMS	1	E. W01, E. W03, E.U2, E.U4, E.U6, E.U7, E.U9, E.U10, E.U11, E.U12,

			E.U14, E. U16, E. U18, E. U20, E. U21, E. U22, E. U24, E. U29, E. U30, E U.32, E. U38
TK06	SOLID TUMORS	2	E. W01, E. W03, E.U2, E.U4, E.U6, E.U7, E.U9, E.U10, E.U11, E.U12, E.U14, E. U16, E. U18, E. U20, E. U21, E. U22, E. U24, E. U29, E. U30, E U32, E. U38
TK07	BRAIN TUMORS	2	E. W01, E. W03, E. W19, E.U2, E.U4, E.U6, E.U7, E.U9, E.U10, E.U11, E.U12, E.U14, E. U16, E U.18, E. U.20, E. U21, E. U22, E. U24, E. U29, E. U30, E U32, E. U38
TK08	GASTROINTESTINAL DISORDERS IN CHILDREN	2	E. W01, E. W02, E. W03, E. W37, E.U2, E.U4, E.U6, E.U7, E. U8, E.U9, E.U10, E.U11, E.U12, E.U14, E. U16, E. U18, E. U.20, E. U21, E. U22, E. U24, E. U.25 E. U29, E. U30, E U.32, E. U38
TK09	DISORDERS OF HAEMOSTASIS IN CHILDREN part I	2	E. W01, E. W03, E. W37, E.U2, E.U4, E.U6, E.U7, E.U9, E.U10, E.U11, E.U12, E.U14, E. U16, E. U18, E. U20, E. U21, E. U22, E. U24, E. U29, E. U30, E U32, E. U38
TK10	DISORDERS OF HAEMOSTASIS IN CHILDREN part II	2	E. W01, E. W03, E. W37, E.U2, E.U4, E.U6,

			E.U7, E.U9, E.U10, E.U11, E.U12, E.U14, E. U16, E. U18, E. U20, E. U21, E. U22, E. U24, E. U29, E. U30, E U.32, E. U38
TK11	EMERGENCY IN PEDIATRICS part I	2	E. W01, E. W03, E. W06, E.U2, E.U4, E.U6, E.U7, E.U9, E.U10, E.U11, E.U12, E.U14, E. U16, E U18, E U20, E. U21, E. U22, E. U24, E. U29, E. U30, E. U32, E. U33, E. U 34, E. U 36., E. U37, E. U38
TK12	EMERGENCY IN PEDIATRICS part II	2	E. W01, E. W03, E. W06, E.U2, E.U4, E.U6, E.U7, E.U9, E.U10, E.U11, E.U12, E.U14, E. U16, E. U18, E. U20, E. U21, E. U22, E. U24, E. U29, E. U30, E U32, E. U33, E. U 34, E. U 36., E. U37, E. U38
TK13	RESPIRATORY TRACT INFECTIONS IN CHILDREN	2	E. W01, E. W03, E.U2, E.U4, E.U6, E.U7, E.U9, E.U10, E.U11, E.U12, E.U14, E. U16, E. U18, E. U20, E. U21, E. U22, E. U24, E. U29, E. U30, E U.32, E. U38
TK14	ACUTE LEUKEMIAS IN CHILDREN	2	E. W01, E. W03, E.U2, E.U4, E.U6, E.U7, E.U9, E.U10, E.U11, E.U12, E.U14, E. U16, E. U18, E. U20, E. U21, E. U22,

			E. U24, E. U29, E. U30, E U.32, E. U38
TK15	PRIMARY IMMUNODEFICIENCY IN CHILDREN	2	E. W01, E. W03, E. W37, E.U2, E.U4, E.U6, E.U7, E.U9, E.U10, E.U11, E.U12, E.U14, E. U16, E. U18, E. U20, E. U21, E. U22, E. U24, E. U27 E. U29, E. U30, E U.32, E. U38
Practical classes		57h	
TK1	Abdominal pain in children.	3,8	E. W01, E. W02, E. W03, E. W37, E.U2, E.U4, E.U6, E.U7, E. U8, E.U9, E.U10, E.U11, E.U12, E.U14, E. U16, E. U18, E. U.20, E. U21, E. U22, E. U24, E. U.25 E. U29, E. U30, E U.32, E. U38
TK2	Acute diarrhoea	3,8	E. W01, E. W02, E. W03, E. W37, E.U2, E.U4, E.U6, E.U7, E. U8, E.U9, E.U10, E.U11, E.U12, E.U14, E. U16, E. U18, E. U.20, E. U21, E. U22, E. U24, E. U.25 E. U29, E. U30, E U.32, E. U38
TK3	Infections	3,8	E. W01, E. W03, E.U2, E.U4, E.U6, E.U7, E.U9, E.U10, E.U11, E.U12, E.U14, E. U16, E. U18, E. U20, E. U21, E. U22, E. U24, E. U29, E. U30, E U.32, E. U38
TK4	Lymphadopathy	3,8	E. W01, E. W03, E.U2, E.U4,

			E.U6, E.U7, E.U9, E.U10, E.U11, E.U12, E.U14, E. U16, E. U18, E. U20, E. U21, E. U22, E. U24, E. U29, E. U30, E U.32, E. U38
TK5	Urinary tract infection	3,8	E. W01, E. W03, E.U2, E.U4, E.U6, E.U7, E.U9, E.U10, E.U11, E.U12, E.U14, E. U16, E. U18, E. U20, E. U21, E. U22, E. U24, E. U29, E. U30, E U.32, E. U38
TK6	Peptic ulcer and GERD	3,8	E. W01, E. W02, E. W03, E. W37, E.U2, E.U4, E.U6, E.U7, E. U8, E.U9, E.U10, E.U11, E.U12, E.U14, E. U16, E. U18, E. U.20, E. U21, E. U22, E. U24, E. U.25 E. U29, E. U30, E U.32, E. U38
TK7	Chronic diarrhea. Inflammatory bowel diseases	3,8	E. W01, E. W02, E. W03, E. W37, E.U2, E.U4, E.U6, E.U7, E. U8, E.U9, E.U10, E.U11, E.U12, E.U14, E. U16, E. U18, E. U.20, E. U21, E. U22, E. U24, E. U.25 E. U29, E. U30, E U.32, E. U38
TK8	Food allergy and intolerance	3,8	E. W01, E. W02, E. W03, E. W37, E.U2, E.U4, E.U6, E.U7, E. U8, E.U9, E.U10, E.U11, E.U12, E.U14, E. U16, E. U18, E. U.20, E. U21,

			E. U22, E. U24, E. U.25 E. U29, E. U30, E U.32, E. U38
TK9	Anaemias in children	3,8	E. W01, E. W03, E.U2, E.U4, E.U6, E.U7, E.U9, E.U10, E.U11, E.U12, E.U14, E. U16, E. U18, E. U20, E. U21, E. U22, E. U24, E. U29, E. U30, E U.32, E. U38
TK10	Leukemias and lymphomas	3,8	E. W01, E. W03, E.U2, E.U4, E.U6, E.U7, E.U9, E.U10, E.U11, E.U12, E.U14, E. U16, E. U18, E. U20, E. U21, E. U22, E. U24, E. U29, E. U30, E U.32, E. U38
TK11	Purpuras	3,8	E. W01, E. W03, E.U2, E.U4, E.U6, E.U7, E.U9, E.U10, E.U11, E.U12, E.U14, E. U16, E. U18, E. U20, E. U21, E. U22, E. U24, E. U29, E. U30, E U.32, E. U38
TK12	Nephrotic syndrome and glomerulonephritis	3,8	E. W01, E. W03, E.U2, E.U4, E.U6, E.U7, E.U9, E.U10, E.U11, E.U12, E.U14, E. U16, E. U18, E. U.20, E. U21, E. U22, E. U24, E. U29, E. U30, E U.32, E. U38
TK13	Acute and chronic renal failure	3,8	E. W01, E. W03, E.U2, E.U4, E.U6, E.U7, E.U9, E.U10, E.U11, E.U12, E.U14, E. U16, E. U18, E. U.20,

			E. U21, E. U22, E. U24, E. U29, E. U30, E U.32, E. U38
TK14	Brain tumors	3,8	E. W01, E. W03, E.U2, E.U4, E.U6, E.U7, E.U9, E.U10, E.U11, E.U12, E.U14, E. U16, E. U18, E. U20, E. U21, E. U22, E. U24, E. U29, E. U30, E U.32, E. U38
TK15	Solid tumors	3,8	E. W01, E. W03, E.U2, E.U4, E.U6, E.U7, E.U9, E.U10, E.U11, E.U12, E.U14, E. U16, E. U18, E. U20, E. U21, E. U22, E. U24, E. U29, E. U30, E U.32, E. U38
Simulation		6h	
TK1	Emergency in pediatrics	6h	E. W01, E. W03, E. W06, E.U2, E.U4, E.U6, E.U7, E.U9, E.U10, E.U11, E.U12, E.U14, E. U16, E. U18, E. U20, E. U21, E. U22, E. U24, E. U29, E. U30, E U32, E. U33, E. U 34, E. U 36., E. U37, E. U38

Booklist

Obligatory literature:

1. Myron J. Levin, Mark J. Abzug, William W. Hay, Maya Bunik Current Diagnosis and Treatment in Pediatrics. 26th Edition, Lange 2022.
2. T. Lissauer, W. Carroll. Illustrated Textbook of Paediatrics. 6th Edition. Mosby 2021.

Supplementary literature:

1. Kliegman R.M., St. Geme J. NELSON TEXTBOOK OF PEDIATRICS, 2-VOLUME SET. 21ST EDITION. ELSEVIER 2020

Student's workload

Form of student's activity (in-class participation; activeness, produce a report, etc.)	Student's workload [h]
	Tutor
Contact hours with the tutor	103
Time spent on preparation to seminars/ practical classes	7
Time spent on reading recommended literature	10
Time spent on writing report/making project	0
Time spent on preparing to colloquium/ entry test	5
Time spent on preparing to exam	35
Other	
Student's workload in total	160
ECTS credits for the subject (in total)	5
Remarks	

* 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 – multimedia presentation

other...