



Pomorski Uniwersytet Medyczny w Szczecinie

SYLLABUS of MODULE (SUBJECT) General Information

SUBJECT: Paediatrics	
Module type	Obligatory
Faculty	Faculty of Medicine and Dentistry
Field of study	medicine
Subject	Pediatrics (Propedeutics of pediatrics)
Level of study	II level/long-cycle study
Mode of study	intramural
Year of study	III/winter semester
ECTS points	2,5
Types of training (numer of hours)	lectures - 5h, seminars - 10h, practical - 25h
Ways of assesment of learning effects ¹	<div><input type="checkbox"/> note pass:<div><input type="checkbox"/> description <input checked="" type="checkbox"/> test <input type="checkbox"/> practical <input type="checkbox"/> oral</div></div> <div><input type="checkbox"/> no note pass:</div> <div><input type="checkbox"/> final exam:<div><input type="checkbox"/> description <input type="checkbox"/> test <input type="checkbox"/> practical <input type="checkbox"/> oral</div></div>
Tutor responsible for the module	prof. dr hab. med. Jarosław Peregud-Pogorzelski
Didactic adjunct responsible for the module	dr n. med. Paula Szołomicka-Kurzawa; sppchrdz@pum.edu.pl
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www	https://www.pum.edu.pl/wydzialy/wydzial-medycyny-i-stomatologii/klinika-pediiatrii-i-onkologii-dzieciecej
Language	polish, english

¹ zaznaczyć odpowiednio, zmieniając ☐ na ☒

Detailed information

Module objectives		<ol style="list-style-type: none"> 1. student acquires ability to make contact with a child and his/her legal guardian 2. student acquires ability to properly conduct subjective and physical examination 3. student has knowledge about: psycho-motorical development of children, in particular neonatal and infantile period, feeding and vaccination 4. student knows algorithms of conduct in case of rickets, tetany and the most common life threatening situations
Prerequisite/essential requirements	knowledge	<ol style="list-style-type: none"> 1. student conducts subjective and physical examination 2. student recognises causes, symptoms, differential diagnosis and appropriate treatment in case of rickets and tetany 3. student has knowledge about feeding of healthy and sick children, including breast feeding, vaccination, periodic health checks 4. student has knowledge about children's development periods, is able to define typical symptoms and differences for each period 5. student has knowledge about the most common childhood life threatening situations and their treatment
	skills	<ol style="list-style-type: none"> 1. student conducts family interview with child and his/her family 2. student conducts physical examination of children at any age 3. student assesses general condition and consciousness 4. student compares results of anthropometric and blood pressure measurements with data in growth charts 5. student assesses the level of pubescence 6. student conducts periodic health checks
	social competences	<ol style="list-style-type: none"> 1. student is aware of patient's rights 2. student is able to keep physician-patient privilege 3. student promotes healthy and active life style 4. student shows respect for patients 5. student is aware of his/her limitations and knows when to seek professional help 6. student cares about his/her own and coworkers' safety

Description of learning outcomes for the subject			
Number 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	knows the environmental and epidemiological predispositions of the most common child diseases	K_E.W1	T
W02	knows the healthy and sick children's principles of nutrition, including breast feeding, the principles of immunization and evaluation of child's development	K_E.W2	T, S
W03	knows and understands the symptoms, causes, principles of diagnosis and therapeutic management of the most common diseases: a) rickets, tetany i) childhood infectious diseases	K_E.W3	K, S
W06	knows most common life-threatening conditions in children and principles of its management	K_E.W6	CS, IW, A, S
U02	takes a case history	K_E.U2	A, S, IW
U04	performs a child physical examination regardless of age	K_E.U4	A, S, IW
U06	performs a preliminary examination of hearing and visual field as well as otoscopic examination	K_E.U6	A, S, IW
U07	evaluates a patient's general condition, consciousness and awareness	K_E.U7	A, S, IW
U08	evaluate of a newborn according to Apgar scale and its maturity, can examine newborn's reflexes	K_E.U8	A, S, IW
U09	compares patient's anthropometric and blood pressure values with correct data on centile charts	K_E.U9	A, S, IW
U10	carries out evaluation of a sexual maturation status	K_E.U10	A, S, IW
U11	carries out evaluation of growth and development of a child	K_E.U11	A, S, IW
K07	demonstrates an attitude that promotes healthy lifestyle and physical activity	K_K07	A, IW
K11	is aware of patient's rights	K_K11	A
K14	is aware of physician-patient privilege	K_K14	A
K15	is able to take care of his own and co-workers' safety	K_K15	A
K17	is aware of his own limits and knows when to ask the experts	K_K17	A
K20	respects patients out of concern their health	K_K20	A

Matrix presenting the learning outcomes of the subject in relation to the form of classes

Number of learning outcome	Student, who has passed the (subject) Knows /is able to /can:	Types of training						
		Lecture	Seminar	Laboratory classes	Clinical classes	Medical trainers	E-learning	Inne formy
W01	knows the environmental and epidemiological predispositions of the most common child diseases	X			X			
W02	knows the healthy and sick children's principles of nutrition, including breast feeding, the principles of immunization and evaluation of child' development	X			X			
W03	knows and understands the symptoms, causes, principles of diagnosis and therapeutic management of the most common diseases: a) rickets, tetany i) childhood infectious diseases	X			X			
W06	knows most common life-threatening conditions in children and principles of it's management		X		X	X		
U02	takes a case history		X		X			
U04	performs a child physical examination regardless of age		X		X			
U06	performs a preliminary examination of hearing and visual field as well as otoscopic examination		X		X			
U07	evaluates a patient's general condition, consciousness and awareness		X		X			
U08	evaluate of a newborn according to Apgar scale and its maturity, can examine newborn's reflexes		X		X			
U09	compares patient's anthropometric and blood pressure values with correct data on centile charts		X		X			
U10	carries out evaluation of a sexual maturation status		X		X			
U11	carries out evaluation of growth and development of a child		X		X			

MODULE (SUBJECT) CONTENTS			
Symbol of teaching programme	Content of teaching programme	Number of hours	References to learning outcomes
Summer semester			
Lectures			
TK01	Introduction to Pediatrics. Developmental periods, with emphasis on the neonatal period.	1	W02
TK02	Somatic development and sexual maturation, sex determination.	1	W02
TK03	Vaccinations.	1	W02
TK04	Deficiency states in pediatrics and preventing their occurrence (anemia, rickets).	1	W03
TK05	The most common life-threatening conditions in children.	1	W06
Seminars			
TK01	Medical history examination in pediatrics and assessment of general health.	2	U02,U07
TK02	Physical examination – head and neck.	2	U04
TK03	Physical examination – chest.	2	U04
TK04	Physical examination – abdomen.	2	U04
TK05	Physical examination – nervous system, with emphasis on psychomotor development.	2	U04
Classes			
TK01	Introductory Class.	2½	U07,U02
TK02	Neonatal Period.	2½	U04,U08
TK03	Infancy period.	2½	U04
TK04	Small child period, or the toddler period.	2½	U04
TK05	Pre-school and early school period.	2½	U04
TK06	Basic developmental problems from neonatal to preschool periods (preventive medical examinations).	2½	U04
TK07	Puberty.	2½	U10
TK08	The most common conditions and diseases of the infancy period.	2½	W03
Simulation			
TK01	BLS - unconscious patient, cardiac and respiratory arrest - procedures.	2½	W06
TK02	Anaphylactic shock, hypovolemic shock - procedures.	2½	W06
E-learning			
Summer semester			
Lectures			
TK01			
Seminars			
TK01			
Classes			
TK01			
Simulation			
E-learning			

References and educational resources:
1. Tom Lissauer, Graham Clayden. Illustrated Textbook of Paediatrics, 4th Edition. Mosby, 2012
2. W.W. Hay, M.J. Levin, J.M. Sondheimer, R.R. Deterding. Current Diagnosis and Treatment in Pediatrics, 23rd Edition. McGraw Hill, 2014 http://accesspediatrics.mhmedical.com/book.aspx?bookid=1795
3. K.J. Marcadante, R.M. Kliegman, H.B. Jenson, R.E. Behrman. Nelson Pediatrics
EDUCATIONAL PLATFORM: Access Pediatrics http://accesspediatrics.mhmedical.com/index.aspx

Student's work	
Form of student's activity (in-class participation; active participation, produce a report etc.)	Workload [h]
	Tutor assessment
activities that require direct tutor's participation	40
Preparation for the class/seminar	17,5
Reading of indicated/specified literature	7,5
Report writing/project making etc.	-
Preparation for tests	-
Time spent to prepare for the exam	-
Other - note pass	5
Summary	70
ECTS points	2,5
Remarks at the end	

*Methods of assessment:

E – essay exam

OE – oral exam

TE – test exam

PE - practical exam

S – verifying of practical skills

{K – kolokwium}

R – report

D – discussion

A – assessment of student's class participation and attitude

LR – lab report

CS – case study

IW – assessment of ability to work independently

T – test prior to class

P – presentation Others