



Pomeranian Medical University in Szczecin

SYLLABUS of the MODULE (SUBJECT)

valid from the academic year 2018/2019

General Information

Module title	Paedodontics and Dental Prophylaxis
Module type	Obligatory
Faculty	Faculty of Medicine
Field of study	Medicine and Dentistry
Major	Not applicable
Level of study	long-cycle (S2J)
Mode of study	intramural
Year of studies, semester	np. Year IV, semester VII and VIII
ECTS credits (incl. semester breakdown)	5 (semester VII-3, semester VIII-2)
Type/s of training	seminars (15h)/ practical(60)
Form of assessment	- graded assessment
Head of the Department/ Clinic, Unit	Dr n. med. Joanna Manowiec
Tutor responsible for the module	Dr n.med. Magdalena Gońda-Domin Dr n.med. Karolina Węsierska Lek. dent. Aleksandra Pakuła
Department's/ Clinic's/ Unit's website	https://www.pum.edu.pl/wydzialy/wydzial-lekarsko-stomatologiczny/zaklad-stomatologii-dzieciecej
Language	English

Detailed information

Module objectives		Expanding theoretical knowledge, consolidating and acquiring new practical skills in the field of health promotion, prevention, diagnosis and treatment of masticatory diseases in developmental .
Prerequisite /essential requirements	Knowledge	Knowledge and skills at the III year of study in the field of dentistry
	Skills	
	Competences	

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) ZEK	Method of verification of learning outcomes *
W01	Knows occlusion norms at various stages of individual development and deviations from norms	K_F.W01	Continuous evaluation during the practical classes
W02	Knows the rules of prophylactic-therapeutic procedures in diseases of the stomatognathic system of patients in the developmental age	K_F.W03	
W03	Knows the viral, bacterial and fungal flora of the oral cavity and its meaning	K_F.W04	
W04	Knows the symptoms for certain diseases of oral cavity, head and neck with regard to the age groups	K_F.W05	
W05	Knows course and indicates treatment procedures for certain diseases of oral cavity, head and neck with regard to age groups	K_F.W05	
W06	Knows and lists the principles of treatment of the pulp diseases in children and adolescents	K_F.W07	
W07	Knows the principles of the treatment of diseases of the mineralized tissues in children and adolescents.	K_F.W07	
W08	Knows the treatment protocols in case of injuries of teeth and facial bones of children and adolescents.	K_F.W07	
W09	Knows the principles of treatment of the diseases of periapical periodontium in children and adolescents.	K_F.W08	
W10	Knows causes and procedures for management in case of complications of stomatognathic system diseases	K_F.W14	
W11	Knows therapeutic methods of preventing and controlling pain, stress and anxiety	K_F.W17	
U01	Interviews patient in developmental age and his/her parents/ caregivers	K_F.U01	Three colloquiums from the seminars' topics including evaluation of the theoretical and practical skills (one in semester VII, two in semester VIII)
U02	Carries out physical examination of patient in developmental age	K_F.U02	
U03	Provides patient with explanation about ailment and their nature	K_F.U03	
U04	Prescribes treatment confirmed by patient's (parents'/ caregivers') free consent	K_F.U03	
U05	Informs the patient and his/ her parents/ caregivers about the prognosis	K_F.U03	
U06	Provides patient or his/her relatives with bad information about health state	K_F.U04	
U07	Interprets results of ancillary tests of patients in developmental age	K_F.U06	
U08	Finds indications to perform a certain dental procedure in patients in developmental age	K_F.U07	
U09	Prevents the oral cavity diseases of patients in developmental age	K_F.U08	
U10	Identifies diseases of the stomatognathic system, traumatic injuries of the teeth and jaw bones of patients in developmental age	K_F.U09	
U11	Provides treatment procedures applicable to diseases of the tissues of stomatognathic system, traumatic injuries of the teeth and jaw bones, basing on the treatment protocols for children and adolescence.	K_F.U09	

U12	Provides treatment of acute and chronic tooth-related and non-tooth-related inflammatory processes of the oral soft tissues, periodontal tissues and jaw bones	K_F.U10	
U13	Choose and provides treatment procedures applicable to cases of general and local complications during and after dental treatment	K_F.U11	
U14	Keeps day-to-day patient's records. Refers patient to special dental and medical treatment and prescribes ancillary tests	K_F.U13	
U15	Selects and performs tests determining the number of cariogenic bacteria in the oral cavity	K_F.U17	
U16	Indicates and determines treatment in diseases of stomatognathic system	K_F.U18	
U17	Uses the certain drugs during and after dental procedure to relieve pain and stress	K_F.U19	
K01	Accepts the need of ethical standards in medical practice	K_K02	
K02	Understands the sense of responsibility for entrusted property	K_K07	
K03	Shows the habit of self- education and lifelong education	K_K01	
K04	Shows respect to a patient and understands the specificity of working with the children	K_K05	
K05	Understands proper examiner – examined relationship	K_K08	

Table presenting learning outcomes of the subject/module in relation to the form of classes

No.	SYMBOL (referring the standards) ZEK	Type/s of training							
		Lecture	Seminar	Practical classes	Clinical classes	Other...
1.	K_F.W01		x						
2.	K_F.W03		x						
3.	K_F.W04		x						
4.	K_F.W05		x						
5.	K_F.W07		x						
6.	K_F.W08		x						
7.	K_F.W14		x						
8.	K_F.W17		x						
9.	K_F.U01				x				
10.	K_F.U02				x				
11.	K_F.U03				x				
12.	K_F.U04				x				
13.	K_F.U06				x				
14.	K_F.U07				x				
15.	K_F.U08				x				
16.	K_F.U09				x				
17.	K_F.U10				x				
18.	K_F.U11				x				
19.	K_F.U13				x				
20.	K_F.U17				x				
21.	K_F.U18				x				
22.	K_F.U19				x				
23.	K_K02				x				
24.	K_K07				x				
25.	K_K01				x				
26.	K_K05				x				
27.	K_K08				x				

Module contents no.	Description of teaching programme	No. of hours	References to learning outcomes
	Seminars:		
TK01	Pulp diseases in primary teeth and immature permanent teeth. Classification, diagnostics, treatment	4	W02, W03, W06, W09, W10, W11
TK02	Etiology, epidemiology, classification of injuries. Post-traumatic examination. Management of permanent and dairy teeth injuries. Consequences of post-traumatic lesions. Prevention of post-traumatic lesions	5	W02, W08, W10, W11
TK03	Infectious diseases in developmental age. Non-infective changes. Immune disorders and cancer	1	W03, W04, W05,
TK04	Developmental disorders of the number and anatomical structure of the teeth	1	W01, W04, W05
TK05	The oral cavity in selected genetic syndromes. Disorders of calcium-phosphate transformation	1	W04, W05
TK06	Fluoride prophylaxis. The mechanism of fluoride action. Endogenous and exogenous methods. Preparations. Non-fluoride prevention of caries	1	W02
TK07	Caries deciduous and permanent teeth - causes, diagnosis, course. Methods of non-invasive caries treatment, minimally invasive and invasive treatment. Materials.	2	W02, W07, W10, W11
	Practical classes:		
TK01	Treatment of patients. Examination of the child, assessment of hygiene indices, oral hygiene teaching, fluoride prophylaxis, preventive-treatment plan, caries risk assessment, prophylactic fissure sealing. Treatment of caries: filling the cavities. Shaping the child's dental attitude. Treatment of children's pulp diseases. First aid after injury	60	U01, U02, U03, U04, U05, U06, U07, U08, U09, U10, U11, U12, U13, U14, U15, U16, U17 K01, K02, K03, K04, K05

Booklist
Obligatory literature:
1. Koch G., Poulsen S.: Pediatric dentistry – a clinical approach. Copenhagen: Blackwell Munksgaard; 2008.
2. Cameron A.C., Widmer R.P.: Handbook of pediatric dentistry. Edinburgh: Mosby; 2012.
Supplementary literature:
1. Cohen S., Hargreaves K.M.: Pathways of the pulp. St. Louis: Mosby Elsevier, 2006 (<i>chapter 8 and 22</i>)

Student's workload (balance sheet 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	75		
Time spent on preparation to seminars/ practical classess	60		
Time spent on reading recommended literature	5		
Time spent on writing report/making project			
Time spent on preparing to colloquium/ entry test	10		
Time spent on preparing to exam			
Other			
Student's workload in total	150		
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 – multimedial presentation

other...