



Pomeranian Medical University in Szczecin

SYLLABUS of the MODULE (SUBJECT) valid from the academic year 2018/2019

General Information

Module title	Periodontal Diseases
Module type	Obligatory
Faculty	Faculty of Medicine and Dentistry
Field of study	Medicine and Dentistry
Major	Not applicable
Level of study	long-cycle (S2J)
Mode of study	intramural
Year of studies, semester	Year 4, semester VII
ECTS credits (incl. semester breakdown)	2 ECTS
Type/s of training	Lectures-5h /seminars 5h/ practical 25h
Form of assessment	graded assessment
Head of the Department/ Clinic, Unit	dr hab. n. med. Elżbieta Dembowska
Tutor responsible for the module	Dr n.med. Małgorzata Mazurek-Mochol
Department's/ Clinic's/ Unit's website	https://www.pum.edu.pl/wydzialy/wydzial-lekarsko-stomatologiczny/zaklad-periodontologii
Language	English

Detailed information

Module objectives		<p>The main aim of Periodontal Diseases is to:</p> <ul style="list-style-type: none"> • acquire practical skills in the diagnosis, differentiation, and comprehensive treatment of periodontal diseases, • learn practical cooperation with patients with periodontal disease and the use of basic periodontal treatments in prevention, treatment and preservation of treatment effects, • integrate knowledge of basic disciplines of the impact of periodontal disease on the general health of the patient.
Prerequisite /essential requirements	Knowledge	<p>Knowledge of:</p> <ul style="list-style-type: none"> • anatomy and physiology of parodontium, • principles of ergonomics and periodontal instrumentation, • types of periodontal diseases, diagnostic criteria and differentiation of periodontal disease, • algorithm of action in individual clinical periodontal disease, • impact of periodontal disease on the general health of the patient, • diagnostics and principles of treatment planning in occlusal trauma, masticatory parafunctions and functional disorders of the temporomandibular joint.
	Skills	<p>Skills of:</p> <ul style="list-style-type: none"> • using the periodontal instruments, • work according to the principles of ergonomics and teamwork including the "four hands" work, • subject survey, determining the health of parodontium and oral mucosa, • prevention and basic treatment of periodontal diseases
	Competences	A habit of self-study, cooperation in a team patient-doctor-dental assistant, an awareness of the need for cooperation of dentist with doctors of other specialties.

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 and understands mechanism leading to organ and systemic pathology (incl. of infection, auto-immunological diseases and ones caused by immune deficit, metabolic and genetic diseases)	K_F.W02	Continuous evaluation during exercises Checking of the practical skills
W02	knows rules of prophylactic-therapeutic procedures in diseases of stomatognathic system in different phases of development	K_F.W03	
W03	knows symptoms, course and procedures for certain diseases of oral cavity , head and neck with regard to age groups	K_F.W05	
W04	knows rules of administering local anesthesia in area of stomathognathic system K_F.W06	K_F.W06	
W05	knows diagnostics and treatment of parodontium and diseases of oral mucosa	K_F.W11	
W06	knows causes and procedures for management with complications of stomatognathic system diseases	K_F.W14	
W07	knows rehabilitation methods for stomatognathic system	K_F.W16	

W08	knows rules of radiological diagnostics	K_F.W21	
W09	knows and understands pathomechanism of influence of oral cavity on general health state	K_F.W22	
U01	interviews patient or his/her family	K_F.U01	
U02	carries out physical examination of patient	K_F.U02	
U03	provides patient with explanation about nature of ailment, prescribes treatment confirmed by patient's free consent and prognosis	K_F.U03	
U04	provides patient or his/her relatives with bad news about health state	K_F.U04	
U05	samples and protects material for diagnostic examination (incl. of cytology)	K_F.U05	
U06	interprets results of ancillary tests	K_F.U06	
U07	finds indications as to performance of certain dental procedure	K_F.U07	
U08	knows prophylaxis of oral cavity diseases	K_F.U08	
U09	knows procedures applicable to diseases of stomatognathic system tissues, tooth and jaw bones	K_F.U09	
U10	treats acute and chronic tooth-related and non-tooth-related inflammation of oral cavity soft tissue, paradontium and jaw bones	K_F.U10	
U11	knows procedures applicable to cases of general and local complications during and after dental treatment	K_F.U11	
U12	prescribes drugs with regard to their interactions and side effects	K_F.U12	
U13	keeps day-to-day patient's records, refers patient to general and special dental and medical examination or treatment	K_F.U13	
U14	presents selected medical issues in written or oral form relevantly to recipient standards	K_F.U15	
U15	establishes treatment in diseases of stomatognathic system tissues	K_F.U18	
U16	diagnoses and treats paradontium disease to basic extent	K_F.U20	
K01	shows habit of self-education and lifelong education	K_K01	
K02	accepts need of standards of conduct and legislation regarding medical practice	K_K02	
K03	can co-operate with team members and care about occupational safety	K_K03	
K04	shows respect to human body	K_K04	
K05	shows respect to patient, social groups and cares for their goodwill and security	K_K05	
K06	understands proper examiner/examined relationship	K_K08	
K07	understands need for keeping professional secrecy and showing respect to patients' rights	K_K09	

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.W02	X	X						
2.	K_F.W03	X	X						
3.	K_F.W05	X	X						
4.	K_F.W06	X	X						
5.	K_F.W11	X	X						
6.	K_F.W14		X						
7.	K_F.W16		X						
8.	K_F.W21		X						
9.	K_F.W22		X						
10.	K_F.U01				X				
11.	K_F.U02				X				
12.	K_F.U03				X				
13.	K_F.U04				X				
14.	K_F.U05				X				
15.	K_F.U06				X				
16.	K_F.U07				X				
17.	K_F.U08				X				
18.	K_F.U09				X				
19.	K_F.U10				X				
20.	K_F.U11				X				
21.	K_F.U12				X				
22.	K_F.U13				X				
23.	K_F.U15				X				
24.	K_F.U18				X				
25.	K_F.U20				X				
26.	K_K01				X				
27.	K_K02				X				
28.	K_K03				X				
29.	K_K04				X				
30.	K_K05				X				
31.	K_K08				X				
32.	K_K09				X				

Module contents no.	Description of teaching programme	No. of hours	References to learning outcomes
Lectures:			
TK 01	Etiology and etiopathogenesis of gingivitis and periodontitis	1	W01
TK 02	Non-surgical therapy of gingivitis and periodontitis	1	W02, W03, W04, W05
TK 03	Surgical therapy of gingivitis and periodontitis	1	W03, W04, W05
TK 04	Interdisciplinary and maintenance treatment	1	W01, W03, W04, W05
TK 05	Winter semester test	1	
Seminars			
TK01	Revision (anatomy, physiology of periodontium, periodontal examination, etiopathogenesis and classification of periodontal diseases). Differentiation of periodontal and gingival diseases. Symptomatology (clinical signs and symptoms), radiographic examination, monitoring (indices). Anti-inflammatory therapy phase - Skaling, Root Planing. Anti-inflammatory therapy phase - antibacterial methods of therapy (including FMD, SDD, PDT). Knowledge review on periodontal disease prevention and maintenance phase.	1	W01, W03, W04, W05, W08,
TK02	Diagnosis of occlusal disturbances. Parafunctions. Secondary occlusal trauma, treatment of changes induced by secondary occlusal trauma- selective grinding of teeth. Secondary occlusal trauma- splinting therapy.	1	W03, W05, W06
TK03	Resective periodontal surgery- gingivectomy, radectomy, tunneling, hemisection. Regenerative periodontal surgery in periodontopathy treatment.	1	W05, W03
TK04	Periodontopathy impact on overall health, prevention of systemic diseases. Physical therapy of periodontopathy. Halitosis.	1	W05, W09
TK05	Prosthetic, implant and orthodontic treatment (of periodontal patients) in comprehensive periodontal therapy.	1	W03, W05, W07, W02
Practical classes:			
TK01	Clinical exercises with patients	25	U01, U02, U03, U04, U05, U06, U07, U08, U09, U10, U11, U12, U13, U14, U15, U16, K01, K02, K03, K04, K05, K06, K07

Booklist			
Obligatory literature:			
1. The Periodontic Syllabus by Arthur R. Vernino, Jonathan Gray, Elizabeth Hughes. Wolters Kluwer/ Lippincott Williams & Wilkins. Fifth edition. 2008			
2. Carranza's Clinical Periodontology by Michael G. Newman, Henry Takei, Fermin A. Carranza, Perry R. Klokkevold			
3. Periodontology: Color Atlas of Dental Medicine by Herbert F. Wolf, Edith M. Rateitschak-Pluss Klaus H. Rateitschak			
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	35		
Time spent on preparation to seminars/ practical classess	10		
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	60		
ECTS credits for the subject (in total)	2		
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...