



Pomorski Uniwersytet Medyczny w Szczecinie

SYLLABUS of the MODULE (SUBJECT) General Information

Module title: Preclinical Periodontology	
Module type	Obligatory
Faculty PMU	Faculty of Medicine and Dentistry
Major	Dentistry
Level of study	long-cycle (S2J)
Mode of study	full-time studies
Year of studies, semester	year 2, semester 4
ECTS credits (incl. semester breakdown)	1
Type/s of training	lectures (1h) seminars (3h) practical (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 type="checkbox"/> final examination <input type="checkbox"/> descriptive <input type="checkbox"/> test <input type="checkbox"/> practical <input type="checkbox"/> oral
Head of the Department/ Clinic, Unit	dr hab. n. med. Agnieszka Drożdżik
Tutor responsible for the module	dr hab. n. med. Agnieszka Drożdżik agnieszka.drozdzik@pum.edu.pl Laboratory of Preclinical Periodontology periopkl@pum.edu.pl
Department's/ Clinic's/ Unit's website: https://www.pum.edu.pl/studia_iii_stopnia/informacje_z_jednostek/wmis/samodzilena_pracownia_periodontologii_przedklinicznej/	
Language	English

* replace into where applicable

Detailed information

Module objectives		<p><i>To prepare the student to work with patients in the field of periodontal disease prevention. Detailed learning objectives of the course are to get student familiar with:</i></p> <ul style="list-style-type: none"> • <i>with dental deposits</i> • <i>the principles of professional and home plaque control</i> • <i>the instrumentation for professional supragingival cleaning.</i> <p><i>In addition, the goal of the course is for the student to acquire practical skills:</i></p> <ul style="list-style-type: none"> • <i>evaluation of oral hygiene and assessment of the status of the gingiva</i> • <i>carrying out prophylactic measures</i>
Prerequisite /essential requirements	Knowledge	<i>knowledge of the anatomy and physiology of the oral cavity with particular emphasis on the anatomy and function of the periodontium principles of aseptics and antiseptics</i>
	Skills	<i>ability to work in accordance with ergonomic principles, ability to assist</i>
	Competences	<i>ability to work in a team, the need for self-education, the use of various sources of knowledge and their critical evaluation</i>

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	knows and understands human body structures: cells, tissues and systems with particular regard to stomatognathic system	A.W1	FCT
W02	knows and undertands species of bacteria, viruses and fungi that are most frequent etiological agents of infection	C.W4	W, FCT
W03	knows and undertands bases for disinfection, sterilization and aseptics	C.W5	O, FCT
W04	knows and understands equipment of dental office and instrumentation for dental procedures	C.W23	W, O, S, FCT
W05	knows and understands the basic clinical procedures of periodontal diseases prevention	C.W32	W, O, S, FCT
U01	is able to plan the basic phases of preventive care in patients with periodontal needs	C.U15	W, O, S, FCT
K01	is ready to propagate health-promoting behavior	K.6	O

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
W01	A.W1	X					
W02	C.W4		X				
W03	C.W5		X	X			
W04	C.W23		X	X			
W05	C.W32		X	X			
U01	C.U15		X	X			
K01	K.6		X	X			

Table presenting TEACHING PROGRAMME			
No. of a teaching programme	Teaching programme	No. of hours	References to learning outcomes
Summer semester			
Lecture e-learning			
TK01	Anatomy and physiology of the periodontium. Basic features differentiating healthy periodontium, gingivitis and periodontitis. Bleeding on probing index – BOP	1	W01
Seminars			
TK01	Soft and mineralized dental deposits. Home hygiene procedures: toothbrushes (manual, machine), methods of toothbrushing (roll, Fones, Stillman, Bass, Charters, solo), aids for interdental cleaning, dentifrice (composition, mechanism of action). Aproximal Plaque Index API	1	W05, U01, K01
TK02	Hand instrumentation for professional supragingival cleaning, principles of ergonomic instrumentation with scalers, instrument handle and fulcrum during hand instrumentation. Polishing.	1	W02, W03, W04, W05, U01, K01
TK03	Ultrasonic scalers- types, working technique, types of tips for supragingival scaling, advantages and disadvantages of machine scalers versus hand tools. Bioareosol - dangers in periodontal office. Air-polishing Final credit test	1	W02, W03, W04, W05, U01, K01
Simulation			
TK01	Oral hygiene instruction on phantoms - methods of toothbrushing and cleaning interdental spaces, Aproximal plaque index - API. Practical credit	2	W05, U01
TK02	Tools selection and technique for manual supragingival deposits removal, polishing. Practical credit	2	W03, W05, U01
TK03	Improving manual scaling, ultrasonic scaling, air polishing. Practical credit.	2	W03, W05, U01

Booklist
Obligatory literature:
1. Fundamentals of Periodontal Instrumentation and Advanced Root Instrumentation. Środa R., Gehrig J., Saccuzo D. Wolters Kluwer Health
2. Basic Guide to Oral Health Education and Promotion. Chapman A., Felton S.H. Wiley & Sons Ltd 2021
3. Carranza's Clinical Periodontology by Michael G. Newman, Henry Takei, Fermin A. Carranza, Perry R. Klokkevold
Supplementary literature:
1. Periodontology- The Essentials. Hans-Peter Mueller, Thieme 2015.
2. Periodontology: Color Atlas of Dental Medicine by Herbert F. Wolf, Edith M. Rateitschak-Pluss Klaus H. Rateitschak.

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	10
Time spent on preparation to seminars/ practical classes	6
Time spent on reading recommended literature	6
Time spent on preparing to credit	10
Student's workload in total	32
ECTS credits for the subject (in total)	1
Remarks	

* Selected examples of methods of assessment:

EP – written examination

FCT – final credit test

EU – oral examination

ET – test examination

EPR – practical examination

K – colloquim

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...