



Syllabus for academic year: 2020/2021														
Training cycle: clinical training														
Description of the course														
Module/Course	Preclinical Periodontology										Group of detailed education results			
											Group code C	Group name pre-clinical course		
Faculty	Faculty of Dentistry													
Major	Dentistry													
Unit realizing the subject	Department and Division of Periodontology													
Specialties	Periodontology													
Level of studies	Uniform magister studies X*													
Form of studies	X full-time X part-time													
Year of studies	III					Semester VI		X Winter						
Type of course	X obligatory													
Course	X major <input type="checkbox"/>													
Language of instruction	X English													
* mark <input type="checkbox"/> with an X														
Number of hours														
Form of education														
Unit teaching the course	Lectures (L)	Seminars (SE)	Auditorium classes (AC)	Major Classes – not clinical (MC)	Clinical Classes (CC)	Laboratory Classes (LC)	Classes in Simulated Conditions (CSC)	Practical Classes with Patient (PCP)	Specialist Classes – magister studies (SCM)	Foreign language Course (FLC)	Physical Education obligatory (PE)	Vocational Practice (VP)	Self-Study (Student's own work)	E-learning (EL)
Summer Semester														
Direct (contact) education					3		17						15	
Online learning (synchronous)		10												
Online learning (asynchronous)														
TOTAL per year: 45														
Educational objectives (max. 6 items)														



- C1. Learning about periodontal instruments and mastering the principles of preventive and therapeutic treatments in periodontics
C2. The principles of preventive and treatments in periodontics
C3. Understanding the basics of a clinical periodontal examination

Education result matrix for module/course in relation to verification methods of the intended education result and the type of class

Number of course education result	Number of major education result	Student who completes the module/course knows/is able to	Methods of verification of intended education results (forming and summarising)	Form of didactic class <i>**enter the abbreviation</i>
W 01	BW4	Describes the anatomy of periodontium	Credit seminar classes based on attendance, oral answers and final test	SE, CSC, SS
W 02	BW13	Describes the rules of work with manual and machine-operated periodontal instruments		
W 03	FW 2	Explains the relationship between dental deposits, calculus and periodontal pathology		
W 04	FW 3	Knows the rules of prophylactic and therapeutic treatment in periodontal diseases		
W 05	FW 11	Knows the rules of the clinical periodontal examination		
U 01	FU 2	Conducts a clinical periodontal examination	Passing procedures under simulated conditions (phantom heads) and then during clinical practice	CSC, CC
U 02	FU 8	Applies individualized periodontal prophylaxis		
U 03	CU 11	Makes the right choice of instruments for the periodontal procedure		
U 04	FU 9	Performs prophylactic and therapeutic periodontal treatments in the supragingival area		
U 05	GU 25	Performs periodontal treatments according to ergonomic principles of work		
K 01	GU 20	Provides the patient with professional information about the prevention of periodontal disease	Passing during simulation condition and then during clinical classes	CSC, CC
K 02	GU 17	Plans periodontological equipment of the dental office in		



		according to the principles of ergonomics and work safety		
<p>** L - lecture; SE - seminar; AC – auditorium classes; MC – major classes (non-clinical); CC – clinical classes; LC – laboratory classes; SCM – specialist classes (magister studies); CSC – classes in simulated conditions; FLC – foreign language course; PCP practical classes with patient; PE – physical education (obligatory); VP – vocational practice; SS – self-study, EL – E-learning .</p>				
<p>Please mark on scale 1-5 how the above effects place your classes in the following categories: communication of knowledge, skills or forming attitudes: Knowledge: 4 Skills: 5 Social competences: 3</p>				
Student's amount of work (balance of ECTS points)				
Student's workload (class participation, activity, preparation, etc.)			Student Workload (h)	
1. Contact hours:			20	
2. Online learning hours (e-learning):			10	
3. Student's own work (self-study):			15	
Total student's workload			45	
ECTS points for module/course			2	
Comments				
Content of classes (please enter topic words of specific classes divided into their didactic form and remember how it is translated to intended educational effects)				
<p>Seminars (5 x 2 hours)</p> <ol style="list-style-type: none"> 1. Anatomy and physiology of periodontium 2. Plaque deposits and their role in etiology of periodontal diseases. Bacterial biofilm and its importance in the etiopathogenesis of periodontitis. 3. Periodontological prophylaxis. The role and importance of oral antiseptics. 4. The role of basic periodontal procedures in the supra-and subgingival area. 5. Clinical periodontal examination. Basic periodontal indicators. 				
Practical classes (5x3 h in the simulated conditions and 2x3 h in clinical conditions)				
<ol style="list-style-type: none"> 1. Construction of brushes (manual, machine), systems for cleaning interdental spaces, tooth brushing techniques, principles of personalized oral hygiene instruction (TIPPS). Practically - polishing tooth surfaces on phantoms. 2. Hand instruments in periodontal treatment, principles of ergonomic work with scalers and cures, handles and support points for hand instruments, rules for sharpening the curette. Practically - removal of supragingival deposits with hand scales in the anterior and lateral part of the lower and upper jaw on phantoms, sharpening the cures with stones. 3. Types and construction of area-specific and universal cures. Principles of working with Gracey and Langer cures. A practically-manual SRP procedure in four quadrants of the lower and upper jaw on phantoms. 4. Machine scales - types, working technique, types of tips for scaling and root planning, air-polishing - working technique, types of powders. Practically - supragingival ultrasonic scaling in one quadrant on the 				



phantom, machine SRP in two quadrants on the phantom, air-polishing supragingival deposits in one quadrant on phantoms.
5. Periodontal probs. Measurements on phantoms - PD, CAL, REC, F (practical credit). Periodontal card (Perio Chart). Threats in the periodontal office - bioareozol, post-exposure prophylaxis. Contraindications to the periodontal examination.
6. Clinical periodontal examination - assessment of oral hygiene and inflammation, PD, CAL, REC, F, examination of mobility of teeth and muco-gingival complex, practical filling of the examination card (Perio Chart).
7. Supragingival deposits - formation, pathogenicity. Removal of supragingival deposits - manual, machine and supragingival air-polishing (clinical conditions).
Basic literature:
1. Fundamentals of Periodontal Instrumentation and Advanced Root Instrumentation 8 th edition, 2016, Gehrig Jill S., Lippincott Williams and Wilkins Newman M.G., Takei H.H., Carranza F.A. (ed.): Carranza's clinical periodontology. 10th ed. Elsevier Saunders, Philadelphia 2006.
Didactic resources requirements:
Multimedia projector for the seminar room, periodontal phantoms, dental units in clinical - rooms, periodontal instruments (manual and machine-operated)
Preliminary conditions: Knowledge of issues related to the anatomy and physiology of the periodontal tissues based on the anatomy and histology (year I) and the physiology of the masticatory system and the promotion of oral health (year II).
Conditions to receive credit for the course:
Attendance at all seminars, pass the knowledge during oral and / or written tests during exercises, perform all required procedures in the conditions of the simulation, credit a practical pass the basis of the periodontal examination in simulation conditions.

	Criteria (only for courses/modules ending with e credit)
Credit	Ranking the final test in the 60% with threshold and getting of the practical credit bases of the examination of periodontology in conditions of the simulation

Unit realizing the subject	Department and Division of Periodontology
Unit address	Krakowska 26, Street, Wrocław, area code 50-425
Telephone	+48 71 784 03 81
E-Mail	ws-5@umed.wroc.pl

Person responsible for module	Aleksandra Sender-Janeczek MDM, Department of Periodontology
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Coordinator	Aleksandra Sender-Janeczek MDM, Department of Periodontology
Telephone	+48 71 784 03 81
E-Mail	aleksandra.sender.janeczek@umed.wroc.pl

List of persons conducting specific classes				
Full name	Degree/scientific or professional title	Discipline	Performed profession	Form of classes
Aleksandra Sender-Janeczek	MDM	medicine	Dentist/ didactic assistant professor	SE, CSC,CC
Jacek Zborowski	MDM	medicine	Dentist/ didactic assistant professor	SE, CSC,CC
Joanna Toczewska	MDM	medicine	Dentist/ didactic assistant professor	CSC, CC
Katarzyna Dębska-Łasut	BDS	medicine	Dentist/ assistant	CSC, CC
Barbara Paśnik-Chwalik	BDS	medicine	Dentist/ assistant	CSC, CC

Date of Syllabus development

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Syllabus developed by

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Signature of Head of teaching unit

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Signature of Faculty Dean

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