

Syllabus for academic year: 2021/2022													
Training cycle: 2019/2020-2023/2024													
Description of the course													
Course	Preclinical Periodontology										Group of detailed education results		
											Group code:	Group name:	
											C	Preclinical sciences	
Faculty	Faculty of Dentistry												
Major	Dentistry												
Level of studies	X uniform magister studies												
Form of studies	X full-time												
Year of studies	III						Semester:	summer					
Type of course	obligatory												
Language of study	English												
Number of hours													
Form of education													
	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)	Foreign language Course (FLC)	Physical Education (PE)	Vocational Practice (VP)	Directed Self-Study (DSS)	E-learning (EL)
Summer semester:													
Department of Periodontology													
Direct (contact) education		10			3		17						
Distance learning													
Educational objectives:													
C1. Knowledge of rules and methods of periodontal prevention													
C2. Ability to make the individualization of periodontal prevention stage													
C3. Knowledge of periodontal instruments													
C4. Ability to perform periodontal procedures in ergonomic condition of phantom heads													
Education result for course in relation to verification methods of the intended education result and the type of class:													
Number of detailed education result	Student who completes the course knows/is able to							Methods of verification of intended education results	Form of didactic class *enter the abbreviation				
C.W23	Knows the equipment of a dentist's office and the instruments used in dental procedures							Obtaining formation marks at every classes	SE				
C.W32	Knows the basic clinical procedures for periodontal prophylaxis								SE				
C.U15	Plans the basic steps of preventive care for							Passing	CSC, CC				

	patients in terms of periodontal needs	procedures under clinical and simulated conditions	
* L- lecture; SE- seminar; AC- auditorium classes; MC- major classes (non-clinical); CC- clinical classes; LC- laboratory classes; CSC- classes in simulated conditions; PCP- practical classes with patient; FLC- foreign language course; PE- physical education; VP- vocational practice; DSS- directed self-study; EL- E-learning			
Student's amount of work (balance of ECTS points):			
Student's workload (class participation, activity, preparation, etc.)		Student Workload	
1. Number of hours of direct contact:		30	
2. Number of hours of distance learning:		-	
3. Number of hours of student's own work:		7	
4. Number of hours of directed self-study			
Total student's workload		37	
ECTS points for course		2	
Content of classes:			
Seminars (5 x 2 hours)			
1. Anatomy and physiology of periodontium			
2. Plaque deposits and their role in etiology of periodontal diseases. Bacterial biofilm and its significance in the etiopathogenesis of periodontitis.			
3. Periodontological prophylaxis. The role and significance of oral antiseptics.			
4. The role of basic periodontal procedures in the supra-and subgingival area.			
5. Clinical periodontal examination. Basic periodontal indicators.			
Classes (5x3 h in the simulated conditions and 2x3 h in clinical conditions)			
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 curettes, 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 curettes with stones.			
3. Types and construction of area-specific and universal curettes. Principles of working with Gracey and Langer curettes. 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).			



<p>Basic literature:</p> <ol style="list-style-type: none"> 1. Fundamentals of periodontal instrumentation and advanced root instrumentation. 8th edition, Gehrig Jill S., Lippincott Williams and Wilkins, 2016. 2. Chapman A., Felton A, Felton S.: Basic guide to oral health education and promotion. Second ed., John Wiley & Sons, New York, 2013.
<p>Preliminary conditions: passing the exams in human anatomy (first year), histology with embryology, preclinical dentistry (second year), obtaining credits in physiology of the masticatory system and promotion of oral cavity health (second year)</p>
<p>Conditions to receive credit for the course: obtaining a minimum average of 3.0 from the formation marks during oral and/or written checking of the knowledge effects during all classes, performing all required procedures in the clinical conditions, obtaining a practical pass of the basics of periodontal examination in simulation conditions.</p>

Department in charge of the course:	Department of Periodontology
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Person in charge for the course:	Prof. Tomasz Konopka
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E-Mail:	tomasz.konopka@umed.wroc.pl

List of persons conducting specific classes:

Name and surname	Degree/scientific or professional title	Discipline	Performed profession	Form of classes
Aleksandra Sender-Janeczek	MDM	Medical sciences	Dentist, periodontist	CSC, CC
Joanna Toczewska	MDM	Medical sciences	Dentist	SE, CSC, CC
Barbara Paśnik-Chwalik	BDS	Medical sciences	Dentist	SE, CSC, CC
Katarzyna Dębska-Łasut	BDS	Medical sciences	Dentist	SE, CSC, CC

Date of Syllabus development

18.06.2021

Syllabus developed by

Tomasz Konopka

Uniwersytet Medyczny we Wrocławiu
DZIAŁ
LEKARSKO-STOMATOLOGICZNY
WZLECIAW
Dean's signature
prof. dr hab. Marek Mikulewicz

Signature of Head(s) of teaching unit(s)

Uniwersytet Medyczny we Wrocławiu
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