



Syllabus for 2022/2023 academic year Learning cycle: 2020/2021- 2024/2025			
Description of the course			
Course	(in Polish)	Group of specific learning outcomes	
	(in English)	Class group (group code) C	Group name Preclinical sciences
Faculty	Faculty of Dentistry		
Major	Dentistry		
Level of studies	uniform Master's degree studies		
Mode of study	full-time		
Year of studies	3	Semester	summer
Type of course:	mandatory		
Language of instruction	English		

Number of hours													
Course delivery method													
	Lectures (L)	Seminars (SE)	Auditorium classes (AC)	Major Non-clinical Classes (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)	Guided Self-directed Learning (GSL)	E-learning (EL)
Summer semester:													
Department of Periodontology													
Indirect learning		10		20									
Remote 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			
Learning outcomes for the course in relation to methods of verifying the intended learning outcomes and the course delivery method:			
Number of the specific learning outcome	Student who completes the module/course knows/is able to	Methods of verification of intended learning outcomes	Form of teaching <i>* enter the symbol</i>
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 patients in terms of periodontal needs	Passing procedures under clinical and simulated conditions	MC
* L - Lecture; SE - Seminar; AC - Auditorium Classes; MC- Major Non-clinical Classes; CC - Clinical Classes; LC - Laboratory Classes; CS - Classes in Simulated Conditions; PP - Practical Classes with Patient; FLC - Foreign Language Course ; PE - Physical Education; VP - Vocational Practice; GSL - Guided Self-directed learning; EL - E-learning			

Student's amount of work (balance of ECTS points):	
Student's workload (class participation, activity, preparation etc.)	Student's hourly workload
1. Hours of direct learning:	30
2. Hours of remote learning:	0
3. Hours of student's individual work:	15
4. Hours of self-directed learning:	0
Summary of the student's workload:	45
Module/course ECTS value:	1,5

Course content:
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 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. Principles of SRP (scaling and root planning) and RSD (root surface debridement).
5. Clinical periodontal examination. Basic periodontal indicators.
Practical classes (6x3 h in the simulated conditions and 1x3 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). Principles of professional mechanical plaque removal. 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. Principles of scaling and root planning. 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. Principles of root surface debridement. 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).

Mandatory literature:

1. Gehring JS., Sroda R., Saccuzzo D.: Fundamentals of periodontal instrumentation and advanced root instrumentation. 8th edition, Wolters Kluwert, Philadelphia, 2017.

Supplementary literature and other aids:

1. George MD., Donley TG., Preshaw PM.: Ultrasonic periodontal debridement: theory and technique. First ed., John Wiley & Sons, New York, 2014.
2. Chapman A., Felton A, Felton S.: Basic guide to oral health education and promotion. Second ed., John Wiley & Sons, New York, 2013.

Prerequisites/preliminary requirements: passing the exams in human anatomy (first year) and preclinical dentistry (second year), obtaining credits in physiology of the masticatory system and promotion of oral cavity health (second year).

Rules for awarding component grades in the course during the semester:

Requirements to pass the course:

Course credit evaluation criteria (no grade)	
Credit	obtaining a minimum average of 3.0 from the formation marks, pass of practical procedures

Name(Name of the teaching unit)	Department of Periodontology
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KONSULTACJE: informacje szczegółowe o terminach i miejscach konsultacji kadry akademickiej podawane są na stronach internetowych poszczególnych jednostek organizacyjnych Uczelni prowadzących zajęcia z danego przedmiotu oraz w gablotach obok sekretariatów.

Syllabus preparation date

11.07.2022
