



Syllabus for 2022/2023 academic year Learning cycle: 2018/2019- 2022/2023			
Description of the course			
Course	(in Polish) Periodontologia	Group of specific learning outcomes	
	(in English) Periodontology	Class group (group code): F	Group name: Specialized clinical sciences (interventional)
Faculty	Faculty of Dentistry		
Major	dentistry		
Level of studies	uniform Master's degree studies		
Mode of study	full-time		
Year of studies	5	Semester	winter
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)
Winter semester:													
Department of Periodontology													
Direct learning		10			54								
Remote learning													

Educational objectives:

- C1. Ability to diagnose and non-surgical treat of periodontal diseases (continuation)
 C2. Knowledge of contemporary concepts in resective and regenerative periodontal surgery as well as periodontal plastic surgery
 C3. Knowledge of specifics of orthodontic and prosthetic treatment in patients with periodontitis
 C4. Knowledge of surgical concept in periimplantitis treatment and specific of implant installation in patients with periodontitis
 C5. Ability to plan interdisciplinary treatment of stage IV periodontitis
 C6. Ability to critically analyze the effectiveness of new methods of periodontal treatment in accordance with evidence based periodontology

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>
F.W4	Knows symptoms, course and management of periodonal diseases, taking into account patient age groups	Obtaining formation marks at every practical classes, passing final test and oral examination	SE
F.W9	Knows periodontal diagnosis and treatment methods		SE
F.W11	Knows indications and contraindications for cosmetic dentistry procedures		SE
F.W12	Knows causes of complications of stomatognathic system diseases and the principles of handling such complications		SE
F.W23	Describes the specifics of periodontal care for patients with systemic disease and the principles of collaboration with the physician treating the systemic disease		SE
F.U1	Takes medical history from the patient or his/her family	Passing the required number of clinical procedures and passing practical objective structured clinical examination (OSCE)	CC
F.U2	Performs clinical periodontal examination		CC
F.U3	Explains to the patient the nature of their periodontal disease, determine a method of treatment that is confirmed by the patient's informed consent and make a prognosis		CC
F.U6	Interprets the results of additional examinations and consultations		CC
F.U7	Applies indications and contraindications for performing specific periodontal procedures		CC
F.U8	Provides periodontal treatment for acute inflammatory processes		CC
F.U11	Handles the patient's current medical record, write referrals for tests or specialist dental or general medical treatment		CC
F.U12	Formulate research problems related to contemporary periodontology		CC
F.U17	Leads periodontal diagnostic and treats periodontal diseases to a basic extent		CC
F.U23	Interprets the dental and panoramic radiographs		CC

** 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:	64
2. Hours of remote learning:	0
3. Hours of student's individual work:	61
4. Hours of self-directed learning:	0
Summary of the student's workload:	125
Module/course ECTS value:	5

Course content:
<p>Seminars (5 x 2 hours):</p> <ol style="list-style-type: none"> 1. Periodontal wound healing. Surgical periodontal therapy. Resective and minimally invasive surgical technique 2. Regenerative periodontal therapy. Indications and limitations for regenerative therapy. Biologically active regenerative materials 3. Periodontal plastic surgery 4. Pathologic tooth migration. Periodontics and orthodontics. Specific of orthodontic treatment in patients with periodontitis 5. Pathologic tooth mobility. Indications and techniques of tooth splinting and grinding. Pre-prosthetic periodontal procedures. Specific of prosthetic therapy with fixed and removable dentures in patients with periodontitis
<p>Practical classes (13 x 4.5 clock hours):</p> <ol style="list-style-type: none"> 1. Pathogenesis of periodontal diseases, periodontal medicine, periodontal diagnosis, contemporary classification of periodontal diseases and peri-implant pathologies, clinical and additional periodontal examinations, periodontal clinical chart- written replay of the fourth course year. 2. Initial periodontal therapy, mechanical and chemical supragingival plaque control, non-surgical therapy of periodontitis, contemporary non-surgical treatment protocols of periodontitis (clinical indications and limitations)– written replay of the fourth course year . 3. Periodontal surgery of periodontitis- indications, techniques in periodontal pocket surgery, general guidelines for resective periodontal surgery, contemporary surgical approach to intrabony defects, minimally invasive surgical technique. 4. Concepts in periodontal tissue regeneration. Barrier materials for regenerative surgery, bone replacement grafts, biologically active regenerative materials (enamel matrix derivatives and growth factors), combination therapy. Factors affecting the clinical outcomes in intrabony defects. 5. Surgical treatment of furcation-involved teeth- regeneration of furcation defects, resective surgical treatment. 6. Periodontal plastic surgery- gingival augmentation, root coverage surgical procedures, interdental papilla reconstruction, surgical treatment of incorrect labial frenum. 7. Pathologic tooth migration. Specific orthodontic tooth movements in periodontitis. Specific orthodontic tooth movements in patients with periodontitis. Periodontal regeneration and orthodontic treatment. Orthodontic treatment and periodontal plastic surgery.

8. Correct centric and eccentric occlusion. Trauma from occlusion- clinical dental and periodontal symptoms. Initial and secondary tooth mobility. Indications for selective tooth grinding, principles of occlusal adjustment by selective grinding of the biting surfaces. Indications and techniques of temporary tooth splinting.
9. Pre-prosthetic periodontal surgery- crown-lengthening procedures, surgical procedures for ridge augmentation (correction of soft tissue and bone defects) and preservation of soft tissue collapse following tooth extraction.
10. Provisional prosthetic restorations, achieving proper gingival contours by temporary bridges in the esthetic zone. Prosthetic treatment of patients with periodontitis- specific of fixed and removable prostheses.
11. Implants in patients with periodontitis- implants in the zone of esthetic priority and in the posterior dental arch. Surgical treatment procedures in periimplantitis.
12. Multidisciplinary treatment of IV stage periodontitis- decision making in patients with advanced periodontal problems, treatment sequences, advances and hopeless cases.
13. Evaluation of the effectiveness of periodontal treatment in accordance with the principles of evidence based periodontology.

Mandatory literature:

1. H-P Mueller: Periodontology: the Essentials. Thieme, 2015.
2. K.S Kornman, M. Tonetti: Proceedings of the World Workshop on the Classification of Periodontal and Peri-implant Diseases and Conditions. J Periodontology, 2018, Special issue S1-S318.
3. M. Sanz, D. Herrera, M. Kerschull et al. Treatment of stages I-III periodontitis- the EFP S3 level clinical practice guidelines. J Clin Periodontol. 2020; 47: 4-60.

Supplementary literature and other aids:

1. NP. Lang, T. Berglundh, WV. Giannobile, M. Sanz: Clinical periodontology and implant dentistry. 7 edition. Wiley Blackwell, Oxford, 2021.

Prerequisites/preliminary requirements: obtaining credits in preclinical periodontology (third year) and periodontology (fourth year).

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

Requirements to pass the course:

Course credit evaluation criteria

	obtaining a minimum average of 3.0 from corrective marks for the effects of knowledge during test (the first two topics) and verbal answers during every all classes, skill effects will be credited in performing all required procedures in a clinical condition and during the practical objective structured clinical examination (7 stations, 60% pass rate), 60-question test examination with single or multiple-choice questions from among 5 distractors (pass rate 61%), oral examination - the admission condition is to pass a practical exam and a test.
Grade:	Exam evaluation criteria
Very Good (5.0) [bardzo dobra]	Passing the practical exam, passing the test exam with a mark of at least better than good, during the oral exam (3 random questions) the student is fluent in solving all issues related to periodontal diseases and their treatment as well as diagnosis and treatment of oral mucosa diseases, has extensive knowledge based on scientific evidence on the most contemporary periodontal problems.
Good plus (4.5) [dobry plus]	Passing the practical exam, passing the test exam with a mark of at least good, during the oral exam (3 random questions) the student correctly solves most of the issues related to periodontal diseases and their treatment, as well as the diagnosis and treatment of oral mucosa diseases, the student has some knowledge based on evidence research on the most contemporary periodontal problems.
Good (4.0) [dobra]	Passing the practical exam, passing the test exam with at least a satisfactory plus grade, during the oral exam (3 random questions) the student correctly solves two issues related to periodontal diseases and their treatment as well as the diagnosis and treatment of oral mucosa diseases, one problem is solved at a basic level.
Satisfactory Plus (3.5) [dostateczny plus]	Passing the practical exam, passing the test exam, during the oral exam (3 random questions) the student correctly solves one issue concerning periodontal diseases and their treatment as well as the diagnosis and treatment of oral mucosa disease, two problems are solved at a basic level.
Satisfactory (3.0) [dostateczny]	Passing the practical exam, passing the test exam, during the oral exam (3 random questions) the student solves all issues related to periodontal diseases and their treatment as well as the diagnosis and treatment of oral mucosa diseases only at a basic level

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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
12.07.2022