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| **Syllabus 2019/2020** |
| **Description of the course** |
| **Module/Course** | **Periodontology**  | **Group of detailed education results**  |
| **Group code: F** | **Group name:** Clinical course |
| **Faculty** | Lekarsko-Stomatologiczny  |
| **Major**  | Dentistry  |
| **Specialties** | Periodontology  |
| **Level of studies** | Uniform magister studies X\*1st degree studies 2nd degree studies  |
| **Form of studies** | X full-time part-time |
| **Year of studies**  | V | **Semester: IX** | X Winter Summer |
| **Type of course** | obligatory  |
| **Course** |  major |
| **Language of instruction** |  English  |
| **Number of hours** |
| Form of education |
| Unit teaching the course:Department of Periodontology  | 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) |
| **Winter Semester** |
|  |  | 10 |  |  |  |  |  | 55 |  |  |  |  | 60 |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **TOTAL per year: 125** |
| **Educational objectives** (max. 6 items)**C1. Ability to diagnose and non-surgical treatment of periodontal diseases (continuation)****C2. Showing contemporary concepts in resective and regenerative periodontal surgery** **C3. Discussing the specifics of orthodontic and prosthetic treatment in patients with periodontitis****C4. Discussing the specific of implant installation in patients with periodontitis****C5. The ability to plan interdisciplinary treatment of periodontitis.**  |
| **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*\*\*enter the abbreviation* |
| **FW**  | **FW5****FW11****FW12****FW13****FW15** **FW16** | Knows the clinical features and progression of periodontal and peri-implant pathologyKnows the concepts of non-surgical and surgical treatment of periodontitis and periimplantitis Knows the specific implant treatment options for patients with periodontitisDefines the indications and contra indicators for periodontal plastic surgery proceduresKnows the principles of systemic antibiotic use in periodontal diseases and antimicrobial therapy with surgical treatment Knows the possibilities and limitations of perioprosthetics and perio-orthodontics, | Test,Oral exam | SE, PCP, SS |
| **FU**  | **FU2** **FU7****FU9****FU10** **FU11****FU13** **U18****U20** | Leads clinical periodontal examination of patient Establishes indications for the periodontal proceduresApplies selected non-surgical algorithms in general health and patients with systemic diseasesLeads the acute periodontal phase treatmentUses appropriate procedures in complications after periodontal treatmentLeads documentation of the periodontal patient and directs for additional examinations Determines the order of treatment of patients with advanced periodontal problems Performs appropriate diagnostic and therapeutic procedures in patient with periodontitis | Practical exam  | PCP |
| **K**  | **DU1****DU10** **DU15****FU3**  | Takes into account the subjective needs of the patient in integrated periodontal treatmentParticipates in integrated treatment of periodontitisUses evidence based periodontology knowledge Explains to the patient the nature of periodontal disease and plans advances periodontal treatment cases | Practical and oral exam | PCP |
| \*\* 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 .  |
| 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: 5Skills: 4Social competences: 4 |
| **Student's amount of work (balance of ECTS points)** |
| **Student's workload** (class participation, activity, preparation, etc.) | **Student Workload (h)** |
| 1. Contact hours: | 65 |
| 2. Student's own work (self-study): | 60 |
| Total student's workload | 125 |
| **ECTS points for module/course**  | 5 |
| 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) |
| **Lectures: -**  |
| **Seminars (5 x 2 hours)** 1. Periodontal wound heling. Periodontal surgery. Resective and regenerative periodontal therapy. 2.Periodontal plastic surgery.3.Periodontics and orthodontics. 4.Primary and secondary trauma from occlusion. Indications and techniques of tooth splinting and grinding.5.Pre-prosthetic periodontal surgery. Periodontics and prosthetic dentistry.  |
| **Practical classes with patients:** 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- replay and continuation of the fourth course year.2.Non-surgical therapy of periodontitis, contemporary non-surgical treatment protocols of periodontitis and peri-implantitis – replay and continuation 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.Treatment of furcation-involved teeth- non-surgical therapy, regeneration of furcation defects, resective surgical treatment. 6.Principles of 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. Art of orthodontic tooth movements in patients with periodontitis. Orthodontic tooth movements and periodontal regeneration. Orthodontic treatment and periodontal plastic surgery.8.Trauma from occlusion- clinical symptoms, initial and secondary tooth mobility. Indications and techniques of tooth splinting. Indications for selective tooth grinding, methodology of occlusion trauma diagnosis. 9.Pre-prosthetic periodontal surgery: crown-lengthening procedures, surgical procedures for ridge augmentation and preservation. 10. Provisional restorations and treatment sequences. 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 posteriori dental arch. Periimplantitis treatment procedures. 12.Multidisciplinary treatment of periodontitis- decision making in patients with advanced periodontal problems, treatment sequences, advances and hopeless cases. 13.Written credit of clinical training and practical exam.  |
| **Other -**  |
| **Basic literature** (list according to importance, no more than 3 items)1. H-P Mueller. Periodontology. The Essentials. Georg Thieme Verlag, 2016. **Additional literature and other materials** (no more than 3 items)1. J Lindhe, N. Lang: Clinical periodontology and implant dentistry. 6 edition. Wiley Blackwell 2015.
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| **Didactic resources requirements:** Dental units and instruments for non-surgical and surgical periodontal treatment. Seminar room with projector.  |
| **Preliminary conditions:** basic knowledge in the field of preclinical periodontology (year III) and the periodontitis course in the fourth year.  |
| **Conditions to receive credit for the course**: Presence at all seminars, adequate attendance in accordance with the rules of clinical studies, getting good ratings in the interpretation and validation of clinical knowledge in the classroom, self-performed the appropriate periodontal procedures as determined by the national consensus, practice exam - periodontal examination and the ability to plan complex treatment of periodontitis and test pass the exercises for the whole year (61% pass rate from a test consisting of 60 questions with five distractors), oral exam.  |
| **Grade:** | **Criteria** (only for courses/modules ending with an examination) |
| Very Good(5.0) | Fluent solves issues related to periodontal diseases and their treatment, and diagnosis and treatment of diseases of the oral mucosa, is knowledge based on extensive scientific evidence relating to the most contemporary issues periodontal. |
| Good Plus (4.5) | Well resolves issues of periodontal diseases and their treatment, and diagnosis and treatment of diseases of the oral mucosa, is knowledge based on scientific evidence relating to the most contemporary issues periodontal.  |
| Good(4.0) | Well resolves issues of periodontal diseases and their treatment, and diagnosis and treatment of diseases of the oral mucosa. |
| Satisfactory Plus (3.5) | Correctly solves the issues of periodontal diseases and their treatment and diagnosis of diseases of the oral mucosa. |
| Satisfactory (3.0) | It solves the basic concept of periodontal disease and its treatment, and the primary diagnosis of the oral mucosa.  |
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| **Name and address of module/course teaching unit, contact: telephone and e-mail address:** KATEDRA PERIODONTOLOGII ZAKŁAD PERIODONTOLOGII Tel. :71 784 03 81, e-mail: agnieszka.fiskiewicz@umed.wroc.pl**Coordinator / Person responsible for module/course, contact: telephone and e-mail address**Prof. Wojciech Bednarz **List of persons conducting specific classes: full name, degree/scientific or professional title, discipline, performed profession, form of classes**.Prof. Wojciech Bednarz (seminars and practical classes), Aleksandra Sender-Janeczek DMD (seminars and practical classes), Jacek Zborowski DMD (practical classes), Aneta Zakrzewska BDS (practical classes), Joanna Toczewska BDS (practical classes), Katarzyna Dębska-Łasut BDS (practical classes).

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| **Date of Syllabus development**  | **Syllabus developed by**  |
| 25.06.2019 |  Prof. Tomasz Konopka |
| **Signature of Head of teaching unit** |
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**Signature of Faculty Dean**  |
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