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| **Syllabus** |
| **Description of the course** |
| **Module/Course** | **Periodontology**  | **Group of detailed education results**  |
| **Group code: F** | **Group name:** Clinical course |
| **Faculty** | Dentistry  |
| **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** | **X** obligatory limited choice free choice / elective  |
| **Course** | Major  |
| **Language of instruction** |  Polish **X** English other |
| **Number of hours** |
| Form of education |
| Unit teaching the course:Department and Division 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 |  |  |  |  |  | 54 |  |  |  |  | 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 specifics of implant treatment 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 summarizing) | 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 in surgical treatment Knows the possibilities and limitations of perioprosthetics and perio-orthodontics, | Test and oral exam | SE, PCP, SS |
| **FU**  | **FU2** **FU7****FU9****FU10** **FU11****FU13** **U18****U20** | Conducts periodontal examination of the patient  Establishes indications for the periodontal proceduresApplies selected non-surgical algorithms in generally healthy and patients with systemic diseasesTreats the acute periodontal conditions Uses appropriate procedures in complications after periodontal treatmentKeeps records of the periodontal patient and refers for additional examinations Determines the order of integrated 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** **GU16** | Takes into account the subjective needs of the patient in integrated periodontal treatmentParticipates in integrated treatment of periodontitisUses evidence based periodontology knowledge Explains the nature of periodontal disease and presents to the patient the treatment plan and prognosis Has the ability to direct the dental team that treats holistically patients with periodontitis  | 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 teeth 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 – repetition and continuation of the fourth course year.2. Non-surgical therapy of periodontitis, contemporary non-surgical treatment protocols of periodontitis and peri-implantitis – repetition and continuation of the fourth course year. 3. Periodontal surgery – indications, basic techniques of flap surgeries, general guidelines for resective periodontal surgery, contemporary techniques od flap design, minimally invasive surgical techniques. 4. Concepts in periodontal tissue regeneration. Guided tissue regeneration, grafts and biomaterials, enamel matrix derivatives, autogenous platelet concentrates, growth and differentiation factors. Factors affecting the clinical outcomes in regenerative treatment of 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. Specifics of orthodontic tooth movements in periodontitis. Types of orthodontic tooth movements in patients with periodontitis. Orthodontic treatment and periodontal regeneration. Orthodontic treatment and periodontal plastic surgery.8. The impact of occlusal trauma on periodontal tissues. Pathological teeth mobility. Indications and techniques of teeth splinting. Contemporary indications for selective tooth grinding and step by step methodology. 9. Pre-prosthetic periodontal surgery: crown-lengthening procedures, surgical procedures for ridge preservation, reconstruction of soft tissues and bone in edentulous ridge 10. Provisional prosthetic restorations. Prosthetic treatment of patients with periodontitis – specifics of fixed and removable prostheses. 11. Implants in patients with periodontitis – implants in the esthetic and non-esthetic zones. Indications and limitations. Periimplantitis treatment procedures. 12. Multidisciplinary treatment of periodontitis- decision making in patients with advanced periodontal problems, treatment sequences, failures, advanced and hopeless cases. 13. Written credit of clinical course of V year and practical exam.  |
| **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. Clinical periodontology and implant dentistry. 6th edition. Wiley Blackwell 2015.
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| **Didactic resources requirements:** Dental units and instruments for non-surgical and surgical periodontal treatment. Surgical room with equipment for periodontal surgical procedures. Seminar room with projector.  |
| **Preliminary conditions:** basic knowledge in the field of preclinical periodontology (3rd year) and the periodontology course in the 4th year.  |
| **Conditions to receive credit for the course**: Presence at all seminars, appropriate attendance on clinical classes consistent with study regulations, receiving positive grades obtained from written test and oral answers on clinical classes, self-executions of periodontal procedures in compliance with nationwide regulations, passing of practical exam – periodontal examination and ability to plan complex periodontal treatment (exam is performed in the presence of periodontal specialist, with whom student had no clinical classes) |
| **Grade:** | **Criteria** (only for courses/modules ending with an examination) |
| Very Good(5.0) | Fluently solves problems concerning periodontal diseases, their treatment and also diagnostics and treatment of oral mucosa lesions, has knowledge based on scientific evidence concerning latest periodontal issues. |
| Good Plus (4.5) | Properly solves problems concerning periodontal diseases, their treatment and also diagnostics and treatment of oral mucosa lesions, has knowledge based on scientific evidence concerning latest periodontal issues. |
| Good(4.0) | Properly solves problems concerning periodontal diseases, their treatment and also diagnostics and treatment of oral mucosa lesions. |
| Satisfactory Plus (3.5) | Correctly solves problems concerning periodontal diseases, their treatment and also diagnostics and treatment of oral mucosa lesions. |
| Satisfactory (3.0) | Solves basic problems concerning periodontal diseases, their treatment and also basic diagnostics and treatment of oral mucosa lesions. |
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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), Dariusz Chrzęszczyk DMD (seminars and practical classes), Jacek Zborowski (practical classes), Aneta Zakrzewska BDS (practical classes), Joanna Toczewska BDS (practical classes).

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| **Date of Syllabus development**  | **Syllabus developed by**  |
| 3.07.2018 |  Prof. Tomasz Konopka |
| **Signature of Head of teaching unit** |
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**Signature of Faculty Dean**  |
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