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| **Syllabus** |
| **Description of the course** |
| **Module/Course** | Dental Prosthetics | **Group of detailed education results**  |
| **Group code F** | **Group name****clinical oriented classes** |
| **Faculty** | Faculty of Dentistry |
| **Major**  | Dentistry |
| **Specialties** |  |
| **Level of studies** | Uniform magister studies X Unitary D.M.D1st degree studies 2nd degree studies 3rd degree studies postgraduate studies  |
| **Form of studies** | X full-time part-time |
| **Year of studies**  |   **IV** | **Semester****VII** | X Winter Summer |
| **Type of course** |  obligatory X elective  limited choice free choice / elective  |
| **Course** |  major-oriented X basic  |
| **Language of instruction** |  Polish X English other |
| \* mark with an **X** |
| **Number of hours** |
| Form of education |
| Unit teaching the course | 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** |
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|  | **15** | **5** |  |  | **60** |  |  |  |  |  |  |  | **45** |  |
| **Summer Semester** |
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| **TOTAL per year: 80** |
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| **Educational objectives** (max. 6 items)**C1.** Skill of diagnosing and planning of prosthetic treatment on a base of phantoms **C2.** Student attempts to treat patients with different functional and morphological disorders**C3.** Student should be able to carry-out all clinical stages in removable (complete and partial) dentures performing**C4.** Studentdevelops manual skills on phantoms **C5.** Student develops abilities and ways of communication with patient**C6.** Student should be able to prepare scientific study with help of tutor |
| **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* |
| **W 01****W 02****W 03****W 04****W 05****W 06****W 07** | **F.W16.****F.W16.****F.W16.****F.W16.****F.W16.****F.W16.****F.W16.** | 1.Describe~~s~~ clinical and laboratory stages in removable dentures performing2. Define~~s~~ procedures and stages during removable dentures performing3. Define~~s~~ materials and equipment during removable dentures performing4. Perform~~s~~ impressions of the prosthetic foundations on the phantom under assistant’s supervision 5. Work~~s~~ with surveyor6. Record~~s~~ central relation with phantoms7. Defines stages of performing the original study, case report and review | Test and oral response | L, SE, CC |
| **U 01****U 02****U 03****U 04****U 05****U 06** | **F.U25.****F.U25.****F.U25.****F.U25.****F.U25.****F.U25.** | 1. Employ~~s~~ surveying2. Arranges artificial teeth3. Schedule~~s~~ complex prosthetic treatment in complicated clinical cases4. Record~~s~~ central relation 5. Repairs fractured removable denture6. Student is able to prepare material of study, knows methodology, describes aims and results, carries-out discussion and finds conclusions | Evaluation of clinical stages of students’ work | L,SE, CC |
| **K 01****K 02****K 03****K 04** | **F.K01.****F.K02.****F.K03.****F.K04.** | 1. Student actively participates in practical classes2. Cooperates in students’ group3. Obeys procedures connected with tasks4. Participates in scientific researces at the university |  | L,SE,CC |
| \*\* 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: .**5**…Skills: …**4.**Social competences: **3**. |
| **Student's amount of work (balance of ECTS points)** |
| **Student's workload** (class participation, activity, preparation, etc.) | **Student Workload (h)** |
| 1. Contact hours: | **80** |
| 2. Student's own work (self-study): | **45** |
| 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**1. Diagnostic procedures: patient interview and examination (extra and intraoral).2. Clinical and laboratory procedures in complete dentures realization (Wrocławska and Classical Technique). 3. Adjustment of the new complete and partial dentures, adaptation, incorporation, and adaptation difficulties.4. Treatment planning for removable partial denture – skeleton prosthesis. Clinical and laboratory procedures in partial dentures realization5. Indications and contraindications for crown and bridges. Planning and clinical techniques for making.6. Restoration of the endodontically treated teeth with use: prefabricated & custom-made posts. Treatment planning, clinical procedures 7. Implants-supported prostheses.8. Denture repairs.9. Prosthetic stomatitis: ethiology, classifications and treatments. |
| **Seminars**1. Anatomical and functional impression, impression trays and materials.2. Occlusion registration stage. Try-in appointment, establishment of the posterior palatal seal, prosthetic relief in complete and partial dentures.3. Functional impression of the mandible. Flasking of the upper denture, , flasking of the lower denture. Adjustment of the new complete and partial dentures, adaptation, incorporation, and adaptation difficulties.4. Treatment planning for removable partial denture – skeleton prosthesis5. Types of fixed dentures. Materials and methods to perform6. Implants- supported prostheses. Types of impressions. Procedures. |
| **Practical classes****1.**Introduction to clinical classes. Prosthetic treatment of partially or completely edentulous patients using removable dentures. Regulations and organization of the classes.History taking and clinical examination of the patient. Medical screening questionnaire. Initial preprosthetic treatment and/or adjunctive therapy before final prosthetic treatment of partially or completely edentulous patients. Classification systems for partial edentulism and types of denture bearing areas.**2.** Impressions making in prosthodontics (materials, techniques and procedures). **3.** Methods for establishing centric relation record for removable partial and complete dentures (horizontal and vertical jaw relation, determination of occlusal plane).**4.** Occlusion in partially and completely edentulous patients. **5.** Try-in appointment. Establishment of the posterior palatal seal and denture relief for complete prosthesis. Principles of designing removable partial prosthesis’s base. Principles of clasps designing. Biomechanics of removable partial dentures.**6.** Differences between Classical and Wroclawska Method in complete dentures performing.**7.** Adjustment and insertion of the new-performed partial and complete dentures. Instructions for patient concerning hygiene maintenance, adaptation and incorporation.**8.** Thermoplastic foils used in complete dentures fabrication.**9.** Treatment planningin partially edentulous arches including fixed prostheses. Restoration of the endodontically treated teeth. Prefabricated posts and custom-made posts. Clinical and laboratory procedures. **10.** Fixed dental prostheses: crown and bridges. Indications and contraindications, types, planning. Principles of the teeth preparation.**11.** Dental crown and bridges. Materials and techniques of impressions making.**12.** Dental crown and bridges. Clinical and laboratory procedures. **13.** CAD/CAM technology and its demonstration. |
| **Basic literature** 1. Shillinburg H.T.: Fundamentals of Fixed Prosthodontics. Quintessence Publ. Co Ltd 1997.
2. Craig R.G., Powers J.M.: Restorative Dental Materials. Mosby 2002.
3. Carr A.B., McGivney G.P., Brown D.T.: McCracken’s Removable Partial Prosthodontics. Mosby 2005,
4. Hayakawa I.: Principles and Practices of Complete Dentures, Quintessence Publishing Co Ltd 2001
5. Davis S.J., Gray R.J.M.: A Clinical guide to Occlusion. British Dental Journal Books 2006.
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| **Didactic resources requirements** (e.g. laboratory, multimedia projector, other…) |
| **Preliminary conditions** (minimum requirements to be met by the student before starting the module/course)To master the knowledge and skills specified in the syllables from previous years' subjects at a basic level. |
| **Conditions to receive credit for the course** (specify the form and conditions of receiving credit for classes included in the module/course, admission terms to final theoretical or practical examination, its form and requirements to be med by the student to pass it and criteria for specific grades). The conditions of getting the credits:**a.** obtaining confirmation of participation in practical classes included in the schedule; **b**. obtaining positive marks from all the exercise passing tests the schedule. The tests are carried out in writing, oral or test form; **c**. failed exercises (theoretical and practical) must be retaken before the end of each  semester;**d.** any fail during classes must be improved within 14 days;**e.** the data on the presence and marks obtained by the student should be evidenced in the individual student card;**f.** obtaining a passing mark on the final test at the end of each semester.**Forms for checking knowledge**Partial checks - (one-choice closed-ended test - 20 questions, 60% for credit, oral answer, written answer) Thematic colloquia - (one-choice closed-ended test - 20 questions, 60% for credit, oral answer, written answer) -Final test for the semester. |
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| **Name and address of module/course teaching unit, contact: telephone and e-mail address**Department of Prosthetics Dentistry, ul. Krakowska 26, 50-425 Wrocław, contact: 71/784 02 91, protetyka.stom@umed.wroc.pl**Coordinator / Person responsible for module/course, contact: telephone and e-mail address**Dr n. med. Tomasz Dąbrowa**List of persons conducting specific classes: full name, degree/scientific or professional title, discipline, performed profession, form of classes**.Clinical Classes: dr n. med. G. Chmiel, dr n. med. Piotr Napadłek, lek. dent. Natalia Brusiłowicz, lek. dent. Michał Biały, lek. stom. J. Maczura-Sokalska, lek. dent. B. Gajos Seminars, Lectures: dr n. med. G. Chmiel, dr n. med. Piotr Napadłek,

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| **Date of Syllabus development**  |  **Syllabus developed by**  |
| 25.09.2019 | ……………………………………........................................... |
|  **Signature of Head of teaching unit** |
| ……………....……………………………………………………………… |

 **Signature of Faculty Dean**  |
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