**CARD OF THE DISCIPLINE**

1. **Programme Details**

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| **1.1.** | **GRIGORE T. POPA UNIVERSITY OF MEDICINE AND PHARMACY IASI** |
| **1.2.**  | **FACULTY : DENTAL MEDICINE / DEPARTMENT:** III |
| **1.3.** | **DISCIPLINE: PARTIAL REMOVABLE PROSTHESIS** |
| **1.4.**  | **FIELD of STUDY:** **HEALTH** |
| **1.5.** | **STUDY CYCLE: BACHELOR**  |
| **1.6.** | **PROGRAMME of STUDY: Dental Medicine - English**  |
| 1. **Discipline Details**
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| **2.1.** | **Name of the Discipline: PARTIAL REMOVABLE PROSTHESIS** |
| **2.2.** | **Teaching staff in charge with lectures: Prof. univ. dr. Norina Forna,**  |
| **2.3.** | **Teaching staff in charge with seminar activities: Asist dr. Feier Ramona Diana, Asist.Dr. Stamatin Ovidiu** |
| **2.4. Year**  | **IV** | **2.5. Semester**  | **1** | **2.6. Type of evaluation**  | E | **2.7. Discipline regimen**  | Mandatory |

1. **Overall Time Estimates (hours/semester of didactic activity)**

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| * 1. **Number of hours per week**
 | 4 | **Of which: 3.2. lectures** | 2 | * 1. **seminar/ laboratory**
 | 2 |
| * 1. **Total hours in the curriculum**
 | 50 | **Of which: 3.5. lectures** | 14 | **3.6. seminar/ laboratory** | 36 |
| **Distribution of time**  | **50** | **14** |  | 36 | Hours |
| **Study time using coursebook materials, bibliography and notes**  | 30 |
| **Further study time in the libray, online and in the field** | 15 |
| **Preparation time for seminars / laboratories, homework, reports, portfolios and essays** | 30 |
| **Tutoring** | 10 |
| **Examinations** | 20 |
| **Other activities** | - |
| **3.7. Total hours of individual study** |  | 115 |
| **3.8. Total hours / semester** |  | 50+115=165 |
| **3.9. Number of credits**  |  | 3 |

1. **Prerequisites (where applicable)**

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| **4.1. curriculum** | This is not the case |
| **4.2. competences** | This is not the case |

1. **Conditions (where applicable)**

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| **5.1. for lecture delivery** | This is not the case |
| **5.2. for seminar / laboratory delivery** | This is not the case |

1. **Specific Competences Acquired**

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| **Professional Competences (knowledge and skills)** | Clinical algorithm of the realization of the partial acrylic prosthesis |  |
| **Transversal Competences (roles, personal and professional development)** | Clinical and paraclinical examination. Diagnostic. Treatment plan. |  |

1. **Obiectives of the Discipline (related to the acquired competences)**

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| **7.1. General Obiective** | Knowledge of clinical algorithm for realization of the emergency prostheses (partial acrylic prostheses) |  |
| **7.2. Specific Obiectives**  | 1. Developing by the student of the modern methods of evaluation of clinical and paraclinical partially extended edentulous patient quantified through clinica land paraclinical indices, applyed in computerised format.
2. Establishment by the student of a treatment project, with the choice and motivation of the ellection solution.
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1. **Contents**

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| **8.1. Lecture** | **Teaching methods**  | **Comments** |
| 1. Overview and history of partial extended edentation.

Aetiology of partial extended edentation.  Clinical anatomy of partial extended edentation for odontal-parodontal support and mucous-osseous. — 2 hours. | Power-point presentation; interactive course; question-answer interaction |  |
| 1. The clinical view of partial extended edentation.

 Evolution, complications and clinical forms of PEE. Clinical exam in partial extended edentation. Paraclinical exams in EPI. Diagnosis in partial extended edentation.Indications, contraindications of the treatment through partial removable prosthesis;Prosthetic means used in the treatment of partial edentation -2 hours | Power-point presentation; interactive course; question-answer interaction |  |
| 3. Emergency prosthesis in PEE. Structure of the acrylic prosthetic possibilities –acrylic saddles Structure of the removable acrylic prosthetic possibilities:-Connectors – maxillary - mandible-clasps- artificial arcades; – 2 hours | Power-point presentation; interactive course; question-answer interaction |  |
| 4. Principles of treatment in PEE:BIOMECANIC PRINCIPLE:-- static stability in removable prostheses;-- dynamic stability in removable prosthesesBiomecanic Principle:-- forces that action on a prosthesis;-- tendencies of dislocation of a removable prosthesis and ways of neutralisation; – 2 hours | Power-point presentation; interactive course; question-answer interaction |  |
| 5. Establishment of the treatment planning by adjunct prosthetic ways:* Objectives;
* Criteria;
* Attempt of the treatment planning project;

 Stages of the partial edentation treatment by adjunct ways:* Stage of general training;
* Stage of preprosthetic training;

Stage of proprosthetic training of the treatment by adjunct ways; – 2 hours | Power-point presentation; interactive course; question-answer interaction |  |
| 6. The prosthetic stage in treatment through removable acrylic prosthesis; Impression in partial extended edentation treatment by adjunct ways.Registration of the mandible-cranial relationships in the treatment of partial edentation by adjunct ways; Sample form of wax with teeth. – 2 hours | Power-point presentation; interactive course; question-answer interaction |  |
| 7. Adjusting of the fixed denture and of the partial removable acrylic prostheses: immediate; primary; secondary; late (tertiary) Patient monitorization; Therapeutic options – acrylic and mixed prostheses. – 2 hours | Power-point presentation; interactive course; question-answer interaction |  |
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| **Bibliography**1. “CLINICA ŞI TERAPIA EDENTAŢIEI PARŢIALE INTERCALATE REDUSE" - V. Burlui, Norina Forna, G. Ifteni, Editura "Apollonia" Iaşi, 2001, ISBN 973-9333-65-6.2. “CLINICAL GUIDE - LINES AND PRINCIPLES IN THE THERAPY OF PARTIAL EXTENDED EDENTATION" - Cursbook for English Language Students - Norina Forna, V. Burlui, Editura "Apollonia", Iaşi, 2001, ISBN 973-9333-67-2.3."TELESCOPAREA ÎN TRATAMENTUL EDENTAŢIEI PARŢIALE ÎNTINSE" - Norina Forna, Editura "Apollonia" Iaşi, 2001, ISBN 973-9333-6. 4. JUVENTOLOGIA *capitolul 18 - Tratamentul edentaţiei parţiale întinse la tineri, pg. 691-743*, 20035. “CLINICA ŞI TERAPIA EDENTAŢIEI PARŢIALE ÎNTINSE” -Vasile Burlui, Norina Forna, Editura Apollonia, ISBN: 973-9333-90-7, Iaşi, 2004. 6. EVALUAREA STARII DE SANATATE AFECTATE PRIN EDENTATIE, Norina Forna, Editura Demiurg, 2007 ISBN 978-973-152-017-9 |
| **8.2. Seminar / Laboratory** | **Teaching methods**  | **Comments** |
| 1.Clinical exam in partial extended edentation Evaluation of the clinical view of the partial extended edentoulous by clinical-biological indices 4 hours | Teaching - clinical and paraclinical assessment; Seminar; Clinical case analysis |  |
| 2.Interpretation of the paraclinical exams in PEE:General, loco-regional, local exams; Model studies Radiologic exam – retro-dental-alveolar, ortopantomography , ATM tomography Morphologic exams: morphopatologic; citoexfoliative; bacteriologic; EMG, kineziomandibulography, gnatophotostatic, gnatophonic 4 hours  | Teaching - clinical and paraclinical assessment; Seminar; Clinical case analysis |  |
| 3.Diagnosis in PEE.Elaboration of the treatment planning in PEE;Stages of treatment plan: General, loco-regional and nonspecific local preparation 4 hours | Teaching - clinical and paraclinical assessment; Seminar; Clinical case analysis |  |
| 4. Acrylic partial removable or mixed prosthesis in PEE. Compound elements; Indications for use, working stages. Preliminary impression, the preliminary model 4 hours | Teaching - clinical and paraclinical assessment; Seminar; Clinical case analysis |  |
| 5.Functional impression, functional model. Registration of mandible-cranial relation and transfer on simulator 4 hours | Teaching - clinical and paraclinical assessment; Seminar; Clinical case analysis |  |
| 6.Removable partial denture layout, wax-prosthesis tryout Immediate, primary, secondary, tertiary adaptation of the partial removable devices 4 hours | Teaching - clinical and paraclinical assessment; Seminar; Clinical case analysis |  |
| 7.Rehabilitation of the edentulous patient through partial removable denture —clinical, paraclinical evaluation 4 hours | Teaching - clinical and paraclinical assessment; Seminar; Clinical case analysis |  |
| 8. Registration of the mandible-cranial relationships in the treatment of partial edentation by adjunct ways; Sample form of wax with teeth. – 4 hours | Teaching - clinical and paraclinical assessment; Seminar; Clinical case analysis |  |
| 9. Adjusting of the fixed denture and of the partial removable acrylic prostheses: immediate; primary; secondary; late (tertiary) Patient monitorization; Therapeutic options – acrylic and mixed prostheses. – 4 hours | Teaching - clinical and paraclinical assessment; Seminar; Clinical case analysis |  |
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| **Bibliography**1. “CLINICA ŞI TERAPIA EDENTAŢIEI PARŢIALE INTERCALATE REDUSE" - V. Burlui, Norina Forna, G. Ifteni, Editura "Apollonia" Iaşi, 2001, ISBN 973-9333-65-6.2. “CLINICAL GUIDE - LINES AND PRINCIPLES IN THE THERAPY OF PARTIAL EXTENDED EDENTATION" - Cursbook for English Language Students - Norina Forna, V. Burlui, Editura "Apollonia", Iaşi, 2001, ISBN 973-9333-67-2.3."TELESCOPAREA ÎN TRATAMENTUL EDENTAŢIEI PARŢIALE ÎNTINSE" - Norina Forna, Editura "Apollonia" Iaşi, 2001, ISBN 973-9333-6. 4. JUVENTOLOGIA *capitolul 18 - Tratamentul edentaţiei parţiale întinse la tineri, pg. 691-743*, 20035. “CLINICA ŞI TERAPIA EDENTAŢIEI PARŢIALE ÎNTINSE” -Vasile Burlui, Norina Forna, Editura Apollonia, ISBN: 973-9333-90-7, Iaşi, 2004. 6. EVALUAREA STARII DE SANATATE AFECTATE PRIN EDENTATIE, Norina Forna, Editura Demiurg, 2007 ISBN 978-973-152-017-9 |

1. **Correlations between the contents of the discipline and the expectations of the epistemic community, of profesional associations and of employers in the field**

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| **The acquisition of the specific competencies of the mobile prosthesis, together with the competences of achieving a specific treatment algorithm for the partially stretched patient, represents in the professional level an indispensable step for the activity in private practice.** |

1. **Evaluation**

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| **Type of activity**  | **10.1. Evaluation criteria:** **Knowledge of course material** | **10.2. Methods of evaluation****Descriptive theoretical evaluation** | **10.3. Percentage of final grade** |
| **10.4. Lecture** | Grade for multiple choice test | standardized multiple choice test | 50% |
| **10.5. Seminar / Laboratory** | Average grade of ongoing examinations | ongoing evaluation | 10% |
| Grade for practical examination | practical exam | 40% |
| **Minimum standard of performance: at least grade 5 to pass the discipline** |

**Date: 15.01.2019 Signiture of Didactic Co-ordinator**

 **Prof.Dr.Norina Forna**

 **Signiture of Department Director Conf.Dr.Diaconu-Popa Diana**