**SYLLABUS**

1. **Programme Details**

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| **1.1.** | **GRIGORE T. POPA UNIVERSITY OF MEDICINE AND PHARMACY IASI** | | | | | | | |
| **1.2.** | **FACULTY:DENTAL MEDICINE / DEPARTMENT:**  SURGICAL I | | | | | | | |
| **1.3.** | **DISCIPLINE:** LOCAL ANESTHESIA | | | | | | | |
| **1.4.** | **FIELD of STUDY:** DENTAL MEDICINE | | | | | | | |
| **1.5.** | **STUDY CYCLE:** BACHELOR | | | | | | | |
| **1.6.** | **PROGRAMME of STUDY:** English | | | | | | | |
| 1. **Discipline Details** | | | | | | | | |
| **2.1.** | **Name of the Discipline:** LOCAL ANESTHESIA | | | | | | | |
| **2.2.** | **Teaching staff in charge with lectures:** Dr. Dragomir Raluca Alina, Lecturer | | | | | | | |
| **2.3.** | **Teaching staff in charge with seminar activities: Sef Lucr.** Dr. Dragomir Raluca Alina, Asist. Univ. Dr. Ștefănescu Ovidiu, Asist.univ.Dr. Dănilă Vlad | | | | | | | |
| **2.4. Year** | | IV | **2.5. Semester** | I | **2.6. Type of evaluation** | Colloquium | **2.7. Discipline regimen** | Obligatory |

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

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| --- | --- | --- | --- | --- | --- | --- |
| * 1. **Number of hours per week** | **1,5** | **Of which: 3.2. lectures** | | **0,5** | * 1. **seminar/ laboratory** | **1** |
| * 1. **Total hours in the curriculum** | **21** | **Of which: 3.5. lectures** | | **7** | **3.6. seminar/ laboratory** | **14** |
| **Distribution of time** |  |  | |  |  | Hours |
| **Study time using coursebook materials, bibliography and notes** | | | | | | **8** |
| **Further study time in the libray, online and in the field** | | | | | | **3** |
| **Preparation time for seminars / laboratories, homework, reports, portfolios and essays** | | | | | | **11** |
| **Tutoring** | | | | | | **1** |
| **Examinations** | | | | | | **2** |
| **Other activities** | | | | | | **4** |
| **3.7. Total hours of individual study** | | |  | | | **29** |
| **3.8. Total hours / semester** | | |  | | | **21** |
| **3.9. Number of credits** | | |  | | | **1** |

1. **Prerequisites (where applicable)**

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| **4.1. curriculum** |  |
| **4.2. competences** |  |

1. **Conditions (where applicable)**

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| **5.1. for lecture delivery** | Lectures will be held in an amphitheater equipped with a computer and a video projector |
| **5.2. for seminar / laboratory delivery** | Labortories will take place in medical offices using instrumentation supplied |

1. **Specific Competences Acquired**

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| **Professional Competences (knowledge and skills)** | • To learn the methods of loco-regional anesthesia  • To know the accidents and complications of loco-regional anesthesia  • To be able to assess the degree of risk of the patient and his implications in the selection of methods of loco-regional anesthesia  • To adopt a correct attitude towards the accidents and complications of loco-regional anesthesia |
| **Transversal Competences (roles, personal and professional development)** | • To demonstrate preoccupation for professional development  • To participate in scientific projects, compatible with the requirements of integration into European education  • To demonstrate involvement in scientific activities, such as writting of biomedical articles and studies |

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

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| --- | --- |
| **7.1. General Obiective** | • To understand the loco-regional anesthetic methods |
| **7.2. Specific Obiectives** | • To develop the skills to anticipate and / or treat accidents and complications of loco-regional anesthesia  • To understand the need for complete and accurate patient assessment |

1. **Contents**

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| **8.1. Lecture** | | **Teaching methods** | **Comments** |
| 1. **Lecture IVth YEAR Ist Semester** | |  |  |
| 1. The selection of anesthesia based on the dental procedure performed | | PowerPoint Presentation | 2 hours |
| 1. General accidents and complications of local regional anesthesia | | PowerPoint Presentation | 2 hours |
| 1. Local accidents and complications of locoregional anesthesia | | PowerPoint Presentation | 3 hours |
| **Bibliography**  1. Edited by: Eugenia Popescu, Authors: Stelea Carmen Gabriela, , Otilia Boisteanu, Local regional anesthesia in dental medicine- lecture notes, Ed. “Gr. T. Popa” U.M.F. Iasi, 2017  2. 4. Malamed S.F., Handbook of local anesthesia, sixth ed, Elsevier Mosby, 2013  3. Introduction to Dental Local Anaesthesia. Hans Evers, Glenn Haegerstam | | | |
| **8.2. Seminar / Laboratory** | **Teaching methods** | | **Comments** |
| **Laboratory IVth YEAR Ist Semester** |  | |  |
| 1. Recapitulation of loco-regional anesthesia techniques learned in third year | Clinical Laboratory | | 8 hours |
| 1. Diagnosis and treatment of local accidents of anesthesia | Clinical Laboratory | | 3 hours |
| 1. Diagnosis and treatment of general accidents of anesthesia | Clinical Laboratory | | 3 hours |
| **Bibliography**  1.Edited by Eugenia Popescu , Authors: Stelea Carmen Gabriela, Otilia Boisteanu, Local regional anesthesia in dental medicine- lecture notes, Ed. “Gr. T. Popa” U.M.F. Iasi, 2017  2. Malamed S.F., Handbook of local anesthesia, sixth ed, Elsevier Mosby, 2013  3. Introduction to Dental Local Anaesthesia. Hans Evers, Glenn Haegerstam | | | |

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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| --- |
| Knowledge and skills are set as teaching objectives and specified as such in analytical programs reviewed annually. After analysis within the discipline, these are discussed and approved within the Curriculum Bureau, in the sense of harmonization with other disciplines. Throughout this process, the correspondence between content and the expectations of the academic community, community representatives, professional associations and employers is systematically assessed, as far as possible. As a primary goal, the discipline aims to provide students with the optimal prerequisites for the next years of study in the Bachelor of Medicine program, in order to successfully hire, immediately after graduation, residency programs in Romania and other EU countries. |

1. **Evaluation**

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| **Type of activity** | **10.1. Evaluation criteria:** | **10.2. Methods of 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: Signiture of Didactic Co-ordinator**

**Dr. Dragomir Raluca Alina, Lecturer**

**10.10.2018**

**Signiture of Department Director Dr. Popescu Eugenia, Professor**