



**“CAROL DAVILA” UNIVERSITY
OF MEDICINE AND PHARMACY BUCHAREST**
Faculty of Dentistry
Dental Medicine in English



DISCIPLINE GRID

1. Programme:

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| 1.1. | CAROL DAVILA UNIVERSITY OF MEDICINE AND PHARMACY BUCHAREST |
| 1.2. | FACULTY OF DENTISTRY / 2nd DEPARTMENT |
| 1.3. | DIVISION: SCIENTIFIC RESEARCH METHODOLOGY - ERGONOMICS |
| 1.4. | STUDY DOMAIN: Health, sectoral regulated within European Union |
| 1.5. | STUDY LEVEL: LICENCE |
| 1.6. | STUDY PROGRAMME: DENTAL MEDICINE IN ENGLISH |

2. Discipline:

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|------------|---|----------|----|------------|------------|-------------------------|-------|
| 2.1. | DISCIPLINE NAME: Dental office – general presentation | | | | | | |
| 2.2. | LOCATION: Str Eforie nr. 4-6, Sector 5, Bucuresti | | | | | | |
| 2.3. | Lectures tenure: Cristina Teodora PREOTEASA, Assoc. Prof. | | | | | | |
| 2.4. | Practical classes tenure: Cristina Pirvu, Lecturer; Anca Axante, Teaching assistant | | | | | | |
| 2.5. | I | 2.6. | II | 2.7. | Colloquium | 2.8. Type of discipline | ED/CD |
| Study year | | Semester | | Evaluation | | | |

3. Estimated total time (hours/semester)

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|--------------------------------------|----|--------------|--------------|-------------------------|
| No. hours/week | 2 | out of which | Lectures: 1 | Laboratory session: 1 |
| Total hours out of learning schedule | 28 | out of which | Lectures: 14 | Laboratory sessions: 14 |

| Time distribution | hours |
|---|-----------|
| Textbook study, lecture support, bibliography and notes | 9 |
| Supplementary documentation activity in the library, on online platforms | 4 |
| Practical activity support material, homework, portfolio and essays | 4 |
| Tutorial activity | 2 |
| Examinations | 2 |
| Other activities | 1 |
| Total hours of individual study | 22 |
| Total hours per semester | 50 |
| Credits | 2 |

4. Preconditions

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| 4.1. curriculum | |
| 4.2. proficiencies | |

5. Conditions

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| 5.1. for lecture activity | Minimum 40 seats conference hall, laptop, video projector, internet and scientific database access |
| 5.2. for laboratory activity | Dental offices appropriate equipment and devices for exemplifications practical applications. |

6. Accumulated skills

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| 6.1. Proficiencies (<i>knowledge and abilities</i>) | <p>I. Knowledge (cognitive dimension) Knowing the particular aspects of dental offices, in regard to aim, requirements, mandatory and optional equipment, in accordance with the specifics of the activity Knowing of training, roles and interactions of people working in a dental office. Knowing basics of activity flow in the dental office and on collaboration with other units (e.g., dental laboratories, dental imaging centers).</p> <p>II. Abilities (functional dimension) Ability to state general coordination of the dental office, as general and specific requirements, equipment, instruments, materials, characteristics of the staff working in a dental office Ability to do a critical appraisal of a dental office, considering aspects linked to specifics of the activity, requirements, opportunities and constraints</p> |
| 6.2. Transversal skills (<i>role, professional and personal development</i>) | <p>III. Role skills Communication, teamwork, critical thinking, problem-solving skills, in the context of training in the medical and dental field</p> <p>IV. Professional and personal development skills Proving preoccupation for professional development Being open to continuous education per life Being able to use information and communication technology for professional development in the dental field Proving interest for participation in activities in the dental office</p> |

7. Objectives (based on the grid of acquired specific skills)

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|--------------------------|--|
| 7.1. General Objective | Knowing the features of a dental office, as a particular and distinct type of medical care unit |
| 7.2. Specific Objectives | <p>Knowing the structure of a dental office, as general features, equipment, instruments and other</p> <p>Knowing the particularities of functioning of a dental office.</p> <p>Understanding of specific roles of dental team members form the dental office, and pattern of external collaboration with external units e.g., dental laboratory.</p> <p>Developing basic skills and abilities needed for participating in the dental office activities.</p> |

8. Content

| 8.1. Lectures | No. hrs/topic | Teaching method | Obs. |
|---|---------------|---|------|
| 1. Dental office – aim; general and specific features | 2 | Lecture, interactive presentation, power point video presentation | |
| 2. Mandatory and optional large dental equipment e.g., dental unit and dental chair, stools, dental microscope | 2 | | |
| 3. General presentation of dental instruments and materials | 2 | | |
| 4. Members of in-office dental team – training, roles, rights and responsibilities; workplace relations | 2 | | |
| 5. External collaborations during the activities of dental offices (e.g., with dental laboratories, dental imaging centers, other medical care units) | 2 | | |
| 6. Dental office particularities in relation to the specifics of its activity (type of dental treatments offered; additional educational and research activities) | 2 | | |
| 7. General presentation of activity flux in a dental office | 2 | | |

| 8.2 Laboratory Sessions | No. hrs/topic | Teaching method | Obs. |
|--|---------------|---|------|
| 1. General presentation of the dental office and the relation between functional compartments (with waiting room, sterilization room and others) | 2 | Practical and theoretical applications using conventional and digital frameworks, working individually or in micro groups, case studies, debates in a dental office | |
| 2. Presentation and exemplification of use of mandatory and optional large dental equipment e.g., dental unit, stools, dental microscope | 2 | | |
| 3. Presentation and exemplification of use of dental instruments and materials frequently used in the dental office. | 2 | | |
| 4. Presentation of the members of in-office dental team – training, roles, rights and obligations | 2 | | |
| 5. Case studies of external collaboration with external units e.g., dental laboratory, dental imaging centers | 2 | | |
| 6. Case study of particularities of dental offices in regard to the specifics of their activity e.g., type of dental treatments offered; additional educational and research activities | 2 | | |
| 7. Exemplifications of activity flux in the dental office for hypothetical situations e.g., dental office preparation before the dental procedure; an appointment for dental examination | 2 | | |

| 8.3. Bibliography for lectures and laboratory/practical sessions |
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| 1. Lectures and seminars notes 2. Preoteasa, C. T., Pirvu, C. F., Axante, A., Enache, A. M., & Preoteasa, E. (2017). Four-handed dentistry-tasks of team members and general rules for instrument transfer. <i>Romanian J Oral Rehab</i> , 9(4), 61-65. 3. da Silva, B. C., Buzinaro, G. S., Cabral, J. A. V., da Cunha, I. P., de Lacerda, V. R., & Bomfim, R. A. (2023). Regulation of dental consultations in primary health care and performance of services in dental speciality centers. <i>BMC Health Services Research</i> , 23(1), 609. 4. Gelbier, S. (2005). 125 years of developments in dentistry, 1880–2005 Part 3: Dental equipment and materials. <i>British dental journal</i> , 199(8), 536-539. |

5. Dang, M. H., Kim, J. G., Yang, Y. M., & Lee, D. W. (2021). Dentist job satisfaction: a systematic review and meta-analysis. *international dental journal*, 71(5), 369-377.

9. Corroborating the contents of the discipline with the expectations of epistemic community representatives, professional associations and employers in the fields representative for the program

In order to draw up the content, to choose the teaching/learning method, the titular members attended national and international congresses where they had the opportunity to exchange experience with other specialists in the domain, titular in other universities. Identification of the needs and expectations of the employers in the field has been attempted, together with coordinating the programme with others similar, developed in other higher education institutions.

Evaluation

| 10.1 Evaluation | | | |
|---|--|---|-----------------------------|
| Activity type | Evaluation Criteria | Methods of evaluation | % out of final grade |
| Lecture | <p>A. Knowledge for mark 5: Basic knowledge of the dental office, in regard to mandatory equipment and instruments, and roles of members of in-office dental team.</p> <p>B. Additional knowledge for mark 10 In-depth knowledge of aspects related to aim, structure and functioning of a dental office, as distinct type of medical care unit.</p> | <p>Colloquium Oral examination covering aspects related to aim, structure and functioning of a dental office, as distinct type of medical care unit, presented during courses and seminars (e.g., assessment of the design of dental clinic as functional compartments and their relations; identification of dental equipment and dental instruments in a dental office; presentation of the members of in-office dental team and the activity flux in this medical care units)</p> | 70% |
| Laboratory Sessions | <p>A. Knowledge for mark 5: Knowledge of name of mandatory equipment and instruments in a dental office.</p> <p>B. Additional knowledge for mark 10 In-depth knowledge of features of the dental offices, as distinct type of medical care units</p> | <p>Practical assessment Assessment of knowledge on specifics of dental offices, in regard to aim, requirements, equipment, particularities of working staff, internal and external activity flow</p> | 30% |
| Minimum performance standards | | | |
| Knowledge of the basic elements regarding the mandatory equipment and instruments of a dental office. | | | |

Date:
31.05.2024

**Chair of Scientific research methodology - Ergonomics Division,
Cristina Teodora PREOTEASA, Assoc. Prof.**

**Date of the approval in
Department Board:**

**Department director,
Alexandru Bucur, Prof.**