DISCIPLINE GRID

1. Programme:

1.1.	**CAROL DAVILA UNIVERSITY OF MEDICINE AND PHARMACY BUCHAREST**
1.2.	**FACULTY OF DENTISTRY / II DEPARTMENT**
1.3.	DIVISION: **Anatomic pathology**
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:

2.1.	DISCIPLINE NAME: **Non-inflammatory histopathology of the dental tissues**						
2.2.	LOCATION: **sos Stefan cel Mare nr 19-21, sector 2, Bucharest**						
2.3.	Lectures tenure: **Assoc. Prof. Alexandra Bastian**						
2.4.	Practical classes tenure: **Lecturer dr. Claudiu-Gabriel Socoliuc**						
2.5. Study year	**III**	**2.6.** Semester	**II**	**2.7.** Evaluation	**Colloquium**	**2.8.** Type of discipline	**ED**

3. Estimated total time (hours/semester)

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	**hour**
Textbook study, lecture support, bibliography and notes	**11**
Supplementary documentation activity in the library, on online platforms	**3**
Practical activity support material, homework, portfolio and essays	**2**
Tutorial activity	**3**
Examinations	**2**
Other activities	**1**
Total hours of individual study	**22**
Total hours per semester	**50**
Credits	**2**

4. Preconditions

4.1. curriculum	• Knowledge of anatomy • Knowledge of histology • Knowledge of biophysics • Knowledge of physiology

	• Knowledge of anatomical pathology
4.2. proficiencies	Knowledge of anatomical pathology techniques

5. Conditions

5.1. for lecture activity	Amphitheater with minimum 70 seats, computer, video projector
5.2. for laboratory activity	Practical session teaching room with computers, video projector, microscopes

6. Accumulated skills

6.1. Proficiencies ***(knowledge and abilities)***	**I. Knowledge (cognitive dimension)** Knowledge acquired by the student: - correct histopathological definitions of the main diseases studied **II. Abilities (functional dimension)** - Identification and classification of the type of lesion, knowledge of the lesional background and directions of evolution, in conjunction with the impact on the patient
6.2. Transversal skills ***(role, professional and personal development)***	**III. Role skills** Identification of the roles and responsibilities in a multidisciplinary team and applications of networking techniques and efficient work within the team **IV. Professional and personal development skills** Efficient use of information sources, communication resources and assisted professional training

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

7.1. General Objective	- Understanding and mastering fundamental notions of oral pathology
7.2. Specific Objectives	- Presentation of histopathological lesions in correlation with their physiopathological mechanisms and clinical manifestations - After the completion of the course, at its end, the students should be able to correctly present and describe all the conditions studied at the course (definition, identification and frameing of the predominant histopathological lesion type, its causes, macroscopic aspects and microscopic appearance)

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8. Content

8.1. Lectures	No. hrs/topic	Teaching method	Obs.
1. **Chapter I - Introductory course**: Histopathology of the dental structures. Investigation methods. The main classes of diseases involving the dental structures.	**2**	Interactive exposition of the material according to the analytical program, using multimedia means, Powerpoint presentations, didactic films	
2. **Chapter II Dental malformations.** Genetic syndromes and systemic diseases associated with dental malformations	**2**		
3. **Chapter III Cystic odontogenic lesions**	**2**		
4. **Chapter IV Odontogenic tumoral lesions, of which:**			
4.1 benign epithelial odontogenic tumors	2		
4.2. benign mixed epithelial and mesenchymal odontogenic tumors	2		
4.3 benign mesenchymal and malignant odontogenic tumors	2		
5. **Chapter V Non-tumoral lesions of the maxillary bones**	**2**		

8.2 Laboratory Sessions	No. hrs/topic	Teaching method	Obs.
1. **Introductory laboratory**: Histopathology of the dental structures. Investigation methods. The main classes of diseases involving the dental structures.	**2**	Interactive exposition of the material according to the analytical program, using multimedia means, Powerpoint presentations, didactic slide sessions	
2. **II Dental malformations.** Genetic syndromes and systemic diseases associated with dental malformations	**2**		
3. **Cystic odontogenic lesions**	**2**		
4. **Odontogenic tumoral lesions, of which:**			
benign epithelial odontogenic tumors	2		
benign mixed epithelial and mesenchymal odontogenic tumors	2		
benign mesenchymal odontogenic tumors and malignant tumors	2		
5. **Non-tumoral lesions of the maxillary bones**	**2**		

8.3. Bibliography for lectures and laboratory/practical sessions

1. Kumar V, Abbas A, Aster J. Robbins & Cotran Pathologic Basis of Disease – 10th ed., Elsevier, 2020.
2. Slootweg P, Dental Pathology – A Practical Introduction, 2the ed, Springer-Verlag, 2013.

Periodical publications:

1. Virchows Archiv – Official Journal of the European Society of Pathology, Springer.

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

The professional preparation of students for the higher years, by acquisition of informations specific to the clinical-technical stages, necessary for subsequent theoretical and practical formation and training.

10. Evaluation

10.1 Evaluation			
Activity type	**Evaluation Criteria**	**Methods of evaluation**	**% out of final grade**
Lecture	Final evaluation-theoretical examination **A. Knowledge for mark 5:** - correct defininition of all the studied conditions - no major errors **B. Additional knowledge for mark 10** - to present correctly all the studied medical conditions (definition, identification, frameing and description of the predominant histopathological type of lesion, causes, macroscopic aspects, microscopic appearance) - to have deep knowledge of the histopathology of all the medical conditions studied	**Colloquium- grid type test**	80%
Seminars	**A. Knowledge for mark 5:** - correct defininition of all the studied conditions - no major errors **B. Additional knowledge for mark 10** - to identify correctly all the studied medical conditions (definition, identification, frameing and description of the predominant histopathological type of lesion, causes, macroscopic aspects, microscopic appearance) - to have deep knowledge of the histopathology of all the medical conditions studied	**grid type test**	20%
Minimum performance standards: Basic knowledge of the studied lesions. No major mistakes			

Date:
12.06.2024

Chair of lecture,
Assoc. Prof. Alexandra Bastian

Date of the approval in Department Board:

Department Director,
Prof.univ. dr Alexandru Bucur