

## FIȘA DISCIPLINEI

### 1. Date despre program

1.1 Instituția de învățământ superior	UNIVERSITY OF MEDICINE AND PHARMACY VICTOR BABĂ TIMISOARA
1.2 Facultatea	FACULTY OF DENTAL MEDICINE
1.3 Departamentul	IMD
1.4 Domeniul de studii de ..... <sup>1)</sup>	Licence
1.5 Ciclul de studii <sup>2)</sup>	Licence
1.6 Programul de studii/ Calificarea	DENTAL MEDICINE ENGLISH SECTION

### 2. Date despre disciplină

2.1. Denumirea disciplinei	PREVENTIVE DENTAL MEDICINE							
2.2 Titularul activităților de curs	Assoc. Professor Oancea Roxana							
2.3 Titularul activităților de laborator	Lecturer Sava Rosianu Ruxandra, Asist. Prof. Maticescu Anamaria, Asist. Prof. Krems Cristina, Asis. Prof. Bălean Octavia							
2.4 Anul de studiu	<b>II</b>	2.5 Semestrul	<b>4</b>	2.6 Tipul de evaluare	<b>E</b>	2.7 Regimul disciplinei	Conținut <sup>3)</sup> Obligativitate <sup>3)</sup>	<b>DS</b> <b>DI</b>

### 3. Timpul total estimat (ore pe semestru al activităților didactice)

3.1 Număr de ore pe săptămână	<b>6</b>	3.2 din care: curs	<b>2</b>	3.3 laborator	<b>4</b>
3.4 Total ore din planul de învățământ	<b>84</b>	3.5 din care: curs	<b>28</b>	3.6 laborator	<b>56</b>
Distribuția fondului de timp					ore
Studiul după manual, suport de curs, bibliografie și notițe					50
Documentare suplimentară în bibliotecă, pe platformele electronice de specialitate și pe teren					22
Pregătire seminarii/ laboratoare/ proiecte, teme, referate, portofolii și eseuri					20
Tutoriat					
Examinări					4
Alte activități					
<b>3.7 Total ore studiu individual</b>	<b>92</b>				
<b>3.8 Total ore pe semestru</b>	<b>180</b>				
<b>3.9 Numărul de credite<sup>5)</sup></b>	<b>6</b>				

### 4. Precondiții (acolo unde este cazul)

4.1 de curriculum	Dental morphology, cariology, occlusion, head and neck anatomy
4.2 de competențe	Oro-dental diagnosis - teeth identification

### 5. Condiții (acolo unde este cazul)

5.1 de desfășurare a cursului	<ul style="list-style-type: none"> <li>Mobile phones will be closed during classes, telephone conversations are not tolerated during the course, nor do students leave the classroom to take over personal phone calls;</li> <li>It will not be tolerated the delay of students in the course as it proves to be disruptive to the educational process;</li> <li>Presence at the course is mandatory, with a maximum of 30% absences accepted.</li> </ul>
5.2 de desfășurare a	<ul style="list-style-type: none"> <li>Mobile phones will be closed throughout the laboratories, not being</li> </ul>

seminarului/ laboratorului/ proiectului	<p>tolerated phone calls during the lab or students leaving the classroom to take over personal telephone calls;</p> <ul style="list-style-type: none"> <li>• The students' lag will not be tolerated as it proves disruptive to the educational process;</li> <li>• Presence at the laboratory is mandatory, with a maximum of 15% absences being accepted; Reimbursements can be made in the last week of each semester in agreement with the group assistant after paying the appropriate fee (except for medical cases);</li> <li>• The dates for the seminars in the subject matter and the final exam are determined by the professor in agreement with the students. Applications for postponement will not be accepted except for objective reason;</li> <li>• The data for the practical examination is established by the group assistant in agreement with the students. Applications for postponement will not be accepted for any reasons other than a legitimate objective ones ;</li> <li>• Practical exam will be held in the last week of the first semester of the subject taught at the practical works;</li> <li>• Promotion of the practical exam is mandatory in order to pass the final exam.</li> </ul>
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## 6. Competențe specifice acumulate

<b>Competențe Profesionale</b>	<ol style="list-style-type: none"> <li>1. Developing a medical vocabulary useful in medical practice</li> <li>2. Understanding and understanding the concept of prevention, knowing the aetiology and mechanisms responsible for the occurrence and evolution of the disease;</li> <li>3. Developing the ability to identify injured tissues and compare them with healthy ones</li> <li>4. Understanding, knowing and applying dental caries prevention techniques</li> <li>5. Understanding, knowing and applying techniques to prevent periodontal disease</li> <li>6. Understanding, knowing and applying techniques to prevent oral cancer</li> <li>7. Knowing the concept of secondary and tertiary prevention</li> <li>8. Understanding the concept of primary prevention</li> </ol>
<b>Competențe transversale</b>	<ol style="list-style-type: none"> <li>1. Identifying roles and responsibilities in a multidisciplinary team and applying effective relationship and work techniques within the team to facilitate future interdisciplinary collaborations</li> <li>2. Effective use of information sources and communication resources and assisted training (Internet portals, specialized software applications, databases, on-line courses, etc.) both in Romanian and in an international language</li> <li>3. Identification of the objectives to be achieved, the available resources, the conditions for their completion, the stages of work, the working times, the related implementation deadlines and the related risks.</li> <li>4. Initiating scientific research activities in the pathogenesis of various diseases and their connections with dental medicine</li> </ol>

## 7. Obiectivele disciplinei (reieșind din competențele specifice acumulate)

7.1 Obiectivul general al disciplinei	Learning the necessary knowledge to prevent oro-dental conditions
7.2 Obiectivele specifice	<ol style="list-style-type: none"> <li>1. knowing and understanding prevention in MD</li> <li>2. knowing and understanding pre-emptive prevention</li> <li>3. knowing and understanding the prevention of dental caries</li> <li>4. knowing and understanding the prevention of periodontal disease</li> <li>5. knowing and understanding oral cancer prevention</li> <li>6. knowledge and understanding of secondary and tertiary prevention in MD</li> </ol>

## 8. Conținuturi

8.1 Curs	Metode de predare	Număr de ore	Observații
1. Motivation and purpose of preventive dentistry. Definition of terms. Basic concepts in the prevention of oral diseases.	<ul style="list-style-type: none"><li>• Oral lecture with structured interactive Powerpoint presentations, along with a rich and suggestive iconography that will be available on the Moodle e-learning platform of the university.</li><li>• The informative material is continuously adapted to the latest information describing the implications of various dental problems.</li><li>• Each course presents the educational objectives at the beginning and ends with the summary of the notions presented.</li></ul>	2	The optional bibliography for Dental Medicine specialization is available for consultation at the UMFVBT library or on google e-books
2. Features of prophylaxis in dental office - instruments circuit. Methods to combat nosocomial infections in dental prophylactic office		2	
3. Predictive factors in caries development. Preventing oral and dental lesions by controlling dental plaque.		2	
4. Identification of caries risk factors using saliva tests.		2	
5. Toothbrushing. Techniques.		2	
6. Professional tooth cleaning.		2	
7. Fluoride in dental medicine.		2	
8. Sealing of pits and fissures.		2	
9. Modern techniques in detecting initial carious lesion.		2	
10.Prevention in odontology. Caries risk assessment and monitoring by the use of cariogram.		2	
11.Preventive dentistry applied in periodontology.		2	
12.Preventive dentistry in prosthodontics.		2	
13.Preventive dentistry in orthodontics.		2	
14.Prevention of precancerous lesions.		2	
15.....28			
<b>Bibliografie obligatorie:</b> 1. Oral and Dental Prevention. Oancea Roxana, Podariu Angela, Jumanca Daniela, Atena Galuscan, , Pop Ramona, SavaRosianu Ruxandra, Mirton Publishing House, Timisoara 2015 <b>Bibliografie facultativă:</b> 1. Oral and Dental Prevention. Jumanca Daniela, Podariu Angela, Atena Galuscan, Oancea Roxana, Pop Ramona, SavaRosianu Ruxandra. Eurostampa Publishing House, Timisoara 2010 2.Prevention in Orthodontics: Jumanca Daniela, Podariu Angela Ovidiu Grivu,: - Editura Marineasa Publ House Timisoara, 2005 3.Nosocomial Infection- Asepsis and Antisepsis Techniques: Daniela Jumanca, Angela Podariu, Atena Galuscan, Roxana Vacaru, Ramona Muntean:– LITO UMF Timisoara, 2005 4.Oral and Dental Prevention Handbook. Waldpress Publishing House Timisoara 2003, Angela Podariu, Daniela Jumanca, Atena Galuscan, Roxana Vacaru, Ramona Muntean. 5.Oral and Dental Prevention. Practical Work Textbook: Waldpress Publishing House Timisoara 2003, Daniela Jumanca, Angela Podariu, Atena Galuscan, Roxana Vacaru, Ramona Muntean			
8.2 Seminar/ Laborator /stagiu/ proiect	Metode de predare-învățare	Număr de ore	Observații
1. Presentation of the operation and maintenance of dental	CLINICAL STUDIES, CASE		

unit. Particularities in dental prophylaxis office.	<b>PRESENTATIONS</b> Oral lecture delivered using Powerpoint presentations that will be available on the Moodle e-learning platform of the university. <ul style="list-style-type: none"> <li>• Presentation of the paraclinical investigation methods in the form of tables, diagrams, diagnostic algorithms, case presentations,</li> <li>• Indications, contraindications, working methodology are presented</li> <li>• Typical examples and interactive discussions on clinical cases are included in presentations and protocols.</li> </ul>		
2. Instruments used in dental examination, prophylactic instruments and other tools used in dentistry. Compliance of universal precautions in the dental office. Possible accidents.		4	
3. Preparation of specific tools for prevention. Basic cleaning, disinfection and sterilization		4	
4. Approach to the child / adult / elderly patient. Dental file.		4	
5. Dental prophylactic file. Modern methods of determining caries risk factors.		4	
6. Methods for quantifying oral status - DMFT, DMFS, and other specific indices.		4	
7. Salivary tests. Demonstrations.		4	
8. Toothbrushing. Professional tooth cleaning. Demonstrations.		4	
9. Auxiliary prophylactic methods. Disclosing agents for revealing dental plaque. Demonstrations.		4	
10. Preventing periodontal disease through specific measures.		4	
11. Topical fluoridation – technique.		4	
12. Technique of pits and fissure sealing.		4	
13. Extensive pits and fissure sealing.		4	
14. Using specific tools and devices to detect incipient carious lesions.		4	

#### **BBibliografie obligatorie:**

1. Oral and Dental Prevention. Oancea Roxana, Podariu Angela, Jumanca Daniela, Atena Galuscan, , Pop Ramona, SavaRosianu Ruxandra, Mirton Publishing House, Timisoara 2015

#### **Bibliografie facultativă:**

1. Oral and Dental Prevention. Jumanca Daniela, Podariu Angela, Atena Galuscan, Oancea Roxana, Pop Ramona, SavaRosianu Ruxandra. Eurostampa Publishing House, Timisoara 2010
2. Prevention in Orthodontics: Jumanca Daniela, Podariu Angela Ovidiu Grivu,: - Editura Marineasa Publ House Timisoara, 2005
3. Nosocomial Infection- Asepsis and Antisepsis Techniques: Daniela Jumanca, Angela Podariu, Atena Galuscan, Roxana Vacaru, Ramona Muntean:– LITO UMF Timisoara, 2005
4. Oral and Dental Prevention Handbook. Waldpress Publishing House Timisoara 2003, Angela Podariu, Daniela Jumanca, Atena Galuscan, Roxana Vacaru, Ramona Muntean.
5. Oral and Dental Prevention. Practical Work Textbook: Waldpress Publishing House Timisoara 2003,

# **9. Coroborarea conținuturilor disciplinei cu așteptările reprezentanților comunităților epistemice, asociațiilor profesionale și angajatori reprezentativi din domeniul aferent programului**

**Prevention of oro-dental diseases is the basis of modern dental medicine, techniques and methods of dental caries prevention have significantly reduced epidemiological hazards in highly industrialized European countries. Prevention is at the heart of European physician training and is done according to WHO, ADA, FDI methodology, using standardized protocols and prophylactic and therapeutic patient monitoring protocols.**

The student is familiar with the mechanisms of the main oro-dental syndromes and disorders, which he will face later in the clinic and practice, as well as with the clinical and paraclinical investigations, which help to diagnose these diseases, the main therapeutic means and implications for MD. Thus, he / she acquires the necessary information and skills to acquire, in the remaining years of study, more complex knowledge according to the current requirements of the labor market in the field of health, meeting the European educational and professional standards. It should be noted that the profession of dental practitioner is regulated at EU level, including through minimum training standards, which are considered in the curriculum content.

In order to design and standardize the content, as well as the choice of teaching / learning methods, the discipline holders organized and participated in the didactic workshops within the national and international conferences. The meetings focused on discussions with the holders of the homology course in the country, in other university centers, identifying the needs and expectations of the employers in the field, and coordination with other similar programs within the other higher education institutions

## **10. Evaluare**

Tip activitate	10.1 Criterii de evaluare	10.2 Metode de evaluare	10.3 Pondere din nota finală
10.4 Curs	<p><i>Cunoștințe pentru nota 5:</i> definitions, classifications, enumeration of causes responsible for the production of a disorder / dysfunction as well as the main implications for dental medicine of various diseases.</p> <p><i>Cunoștințe pentru nota 10:</i> knowing the definitions of the main diseases studied, their classification, the main mechanisms involved in the occurrence of the diseases and the pathological conditions studied, the correlation of the</p>	<p>Multiple choice test Minimum score of 200 points on the multiple choice test</p> <p>Minimum score of 450 points on the multiple choice test</p>	60%

	mechanisms with the clinical symptomatology and the knowledge of the implications for the dental medicine of the studied pathology		
10.5 Laborator/Stagiu	<i>Cunoștințe pentru nota 5:</i> - fulfillment of the established ranged of techniques - the ability to perform at least half of the maneuvers provided <i>Cunoștințe pentru nota 10:</i> - fulfillment of the established ranged of techniques - the ability to perform all of the maneuvers provided	Practical exam	40%
10.6 Standard minim de performanță the final grade must be at least five to pass the exam			

Data completării 25.11.2017	Semnătura titularului de curs Assoc. Prof. Oancea Roxana	Semnătura titularului de laborator/stagiu 1.Lecturer Sava Rosianu Ruxandra 2.Asist. Prof. Matichescu Anamaria 3.Asist. Prof. Balean Octavia 4.Asist. Prof. Krems Cristina
Semnătura șefului de disciplină Prof. Univ. Dr. Jumanca Daniela		
Data avizării în departament	Semnătura directorului de departament Prof. Podariu Angela Coduta	

Notă:

- 1) Domeniul de studii - *se alege una din variantele:* Licență/ Masterat/ Doctorat (**se completează conform cu Nomenclatorul domeniilor și al specializărilor/ programelor de studii universitare în vigoare**) ;
- 2) Ciclul de studii - *se alege una din variantele:* Licență/ Master/ Doctorat;
- 3) Regimul disciplinei (conținut) - *se alege una din variantele:* **DF** (disciplină fundamentală)/ **DD** (disciplină din domeniu)/ **DS** (disciplină de specialitate)/ **DC** (disciplină complementară) - *pentru nivelul de licență;* **DAP** (disciplină de aprofundare)/ **DSI** (disciplină de sinteză)/ **DCA** (disciplină de cunoaștere avansată) - *pentru nivelul de masterat;*

- 4) Regimul disciplinei (obligativitate) - *se alege una din variantele:* **DI** (disciplină obligatorie)/ **DO** (disciplină opțională)/ **DFac** (disciplină facultativă);
- 5) Un credit este echivalent cu 25 – 30 de ore de studiu (activități didactice și studiu individual).
- 6) Pentru specializările și/sau disciplinele a căror tematică se regăsește în bibliografia de rezidențiat, aceasta devine obligatorie.