

## FIȘA DISCIPLINEI

### 1. Date despre program

1.1 Instituția de învățământ superior	<b>UNIVERSITATEA DE MEDICINA SI FARMACIE "VICTOR BABEȘ" TIMIȘOARA</b>
1.2 Facultatea	<b>DENTAL FACULTY</b>
1.3 Departamentul	<b>II</b>
1.4 Domeniul de studii de ..... <sup>1)</sup>	Licensing/Health
1.5 Ciclul de studii <sup>2)</sup>	Licensing
1.6 Programul de studii/ Calificarea	<b>DENTISTRY</b>

### 2. Date despre disciplină

2.1. Denumirea disciplinei	<b>TERAPII ALTERNATIVE</b>							
2.2 Titularul activităților de curs	Prof. Univ. Dr. Carmen Todea							
2.3 Titularul activităților de laborator	Prof. Univ. Dr. Carmen Todea							
2.4 Anul de studiu	<b>VI</b>	2.5 Semestrul	<b>II</b>	2.6 Tipul de evaluare	<b>Colocviu</b>	2.7 Regimul disciplinei	Conținut <sup>3)</sup>	<b>DFA</b>
							Obligativitate <sup>3)</sup>	<b>DFA</b>

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

3.1 Număr de ore pe săptămână	<b>2</b>	3.2 din care: curs	<b>1</b>	3.3 laborator	<b>1</b>
3.4 Total ore din planul de învățământ	<b>30</b>	3.5 din care: curs	<b>15</b>	3.6 laborator	<b>15</b>
Distribuția fondului de timp					ore
Studiul după manual, suport de curs, bibliografie și notițe					10
Documentare suplimentară în bibliotecă, pe platformele electronice de specialitate și pe teren					10
Pregătire seminarii/ laboratoare/ proiecte, teme, referate, portofolii și eseuri					14
Tutoriat					
Examinări					2
Alte activități					
3.7 Total ore studiu individual	<b>34</b>				
3.8 Total ore pe semestru	66				
3.9 Numărul de credite <sup>5)</sup>	-				

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

4.1 de curriculum	Generalities of Diagnosis and investigations methods in Dental Medicine
4.2 de competențe	Is not the case

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

5.1 de desfășurare a cursului	Mobile phones will be closed during classes, telephone conversations are not tolerated during the course, nor do students leave the classroom for personal phone calls; It will not be tolerated the delay of students in the course as it proves to be disruptive to the educational process; The attendance at the course is mandatory, with a maximum of 30% absences accepted.
5.2 de desfășurare a seminarului/ laboratorului/ proiectului	Mobile phones will be closed throughout the laboratories, not being tolerated; phone calls during the lab or students leaving the classroom to take over personal telephone calls; The students' lag will not be tolerated as it proves disruptive to the educational process; 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); The dates for the support of seminars in the subject matter and the final exam are determined by the student in agreement with the students. Applications for postponement will not be accepted for reasons other than a legitimate objective; Promotion of the practical exam is mandatory in order to promote the final exam.

### 6. Competențe specifice acumulate

<b>Competențe Profesionale</b>	<ol style="list-style-type: none"> <li>1. Acquiring topical notions of alternative therapies that can be used in the diagnosis and treatment of oral cavity disorders and their integration into conventional treatments in order to improve the quality of treatment</li> <li>2. Ability to integrate topical alternative therapies into Dental Medicine into the diagnosis and treatment plan</li> </ol>
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<b>Competențe transversale</b>	<p>1. Identifying roles and responsibilities in a multidisciplinary team and applying effective relationship and work techniques within the team to facilitate future interdisciplinary collaborations</p> <p>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</p> <p>3. Identifying the objectives to be achieved, the resources available, the conditions for completion, the working steps, the working times, the related implementation deadlines and the related risks</p> <p>4. Initiation of scientific research activities in the pathogenesis of different diseases and their connections with dental medicine</p>
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#### 7. Obiectivele disciplinei (reieșind din competențele specifice acumulate)

7.1 Obiectivul general al disciplinei	The lecture "Alternative therapies" is designed for VI <sup>th</sup> year Dental medicine students and its purpose is to implement alternative technologies employed in this field of work, some with clinical applicability and some that are still being researched. The lecture contains techniques employed in every branch of dental medicine, techniques which can be used both for diagnostic and treatment of some diseases in the orofacial area. The alternative techniques mainly used in dental medicine are: techniques based on the natural fluorescence of the tooth (QLF, Diagnodent), Laser Doppler, Optical Coherence Tomography (OCT), LASER, LIPUS, ozone, photodynamic therapy.
7.2 Obiectivele specifice	

#### 8. Conținuturi

8.1 Curs	Metode de predare	Număr de ore	Observații
1. Alternative techniques for the diagnosis of diseases in the dental-periodontal sphere; Techniques based on natural tooth fluorescence (QLF, Diagnodent); Evaluation of pulp microcirculation using Laser Doppler	<ul style="list-style-type: none"> <li>• Oral lecture supported by structured, interactive Powerpoint presentations, according to the theme, accompanied by a rich and suggestive iconography</li> <li>• The informative material is continuously adapted to the latest information in the field of dental medicine</li> <li>• Each course presents the educational objectives at the beginning and ends with the summary of the notions presented.</li> </ul>	1	The optional bibliography for MD specialization is available for consultation at the Headquarters of the Oral Rehabilitation and Dental Emergency Discipline
2. Alternative techniques for the diagnosis of diseases in the dental-periodontal sphere; Optical Coherence Tomography (OCT)		1	
3. Alternative techniques in preventive dental medicine - Ozone; laser		1	
4. Alternative techniques in odontology; Kinetic Cavity Preparation (KCP);		1	
5. Alternative techniques in odontology; Preparation of laser cavities		1	
6. Alternative techniques in endodontics, Ozone, photodynamic therapy		1	
7. Alternative techniques in endodontics, laser in endodontics		1	
8. Alternative techniques in periodontics, a photodynamic therapy		1	
9. Alternative techniques in periodontics, laser in periodontics		1	
10. Alternative techniques in oral surgery, radiosurgery, electric scalpel		1	
11. Alternative techniques in surgery, laser surgery		1	
12. Alternative techniques in orthodontics, Laser		1	
13. Alternative techniques in dental prosthesis - Laser; Ozone		1	
14. Alternative techniques in dental prosthetics - optical coherence tomography (OCT)		1	
15. Alternative techniques to stimulate healing and modification of cellular metabolism, stimulation of low intensity ultrasound (LIPUS - Low Intensity		1	

Pulsed Ultrasound Stimulation) Laser Biomodulation			
1.			
<b>Bibliografie obligatorie:</b> 1. Andreas Moritz. Oral Laser Application. Ed. Quintessence, 2006  <b>Bibliografie facultativă:</b> 2. Aldo Brugnera et colab. Atlas of Laser Therapy Applied to Clinical Dentistry. Ed. Quintessence, 2006.			
8.2 Seminar/ Laborator /stagiu/ proiect	Metode de predare-învățare	Număr de ore	Observații
1. Presentation of equipment available for diagnosis at the Department of Oral Rehabilitation and Emergency in Dental Medicine	PowerPoint presentations and interactive discussions Presentations of materials and instruments; Practical demonstrations DISCUSSION LECTURE	1	The optional bibliography for MD specialization is available for consultation at the Headquarters of the Oral Rehabilitation and Dental Emergency Discipline
2. Presentation of equipment available for diagnosis at the Department of Oral Rehabilitation and Emergency in Dental Medicine		1	
3. Presentation of equipment available for diagnosis at the Department of Oral Rehabilitation and Emergency in Dental Medicine		1	
4. Presentation of equipment available for diagnosis at the Department of Oral Rehabilitation and Emergency in Dental Medicine		1	
5. Presentation of equipment available for diagnosis at the Department of Oral Rehabilitation and Emergency in Dental Medicine		1	
6. Presentation of equipment available for soft tissue at the Department of Oral Rehabilitation and Dental Emergencies in Medicine		1	
7. Presentation of equipment available for soft tissue at the Department of Oral Rehabilitation and Dental Emergencies in Medicine		1	
8. Presentation of equipment available for soft tissue at the Department of Oral Rehabilitation and		1	

Dental Emergencies in Medicine			
9. Presentation of equipment available for soft tissue at the Department of Oral Rehabilitation and Dental Emergencies in Medicine		1	
10. Presentation of equipment available for soft tissue at the Department of Oral Rehabilitation and Dental Emergencies in Medicine		1	
11. Presentation of equipment available for hard tissue at the Department of Oral Rehabilitation and Dental Emergencies in Medicine		1	
12. Presentation of equipment available for hard tissue at the Department of Oral Rehabilitation and Dental Emergencies in Medicine		1	
13. Presentation of equipment available for hard tissue at the Department of Oral Rehabilitation and Dental Emergencies in Medicine		1	
14. Presentation of equipment available for hard tissue at the Department of Oral Rehabilitation and Dental Emergencies in Medicine		1	
15. Presentation of equipment available for hard tissue at the Department of Oral Rehabilitation and Dental Emergencies in Medicine		1	
<b>Bibliografie obligatorie:</b> 1. Andreas Moritz. Oral Laser Application. Ed. Quintessence, 2006  <b>Bibliografie facultativă:</b> 2. Aldo Brugnera et colab. Atlas of Laser Therapy Applied to Clinical Dentistry. Ed. Quintessence, 2006.			

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

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**10. Evaluare**

Tip activitate	10.1 Criterii de evaluare	10.2 Metode de evaluare	10.3 Pondere din nota finală
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10.4 Curs	<i>Cunoștințe pentru nota 5:</i> ..... <i>Cunoștințe pentru nota 10:</i> .....	The student will be assessed through a grid exam	80 %
10.5 Laborator/Stagiu	<i>Cunoștințe pentru nota 5:</i> ..... <i>Cunoștințe pentru nota 10:</i> .....	Presentation of a paper on a topic set by the seminar leader.	20%
10.6 Standard minim de performanță			
<b>- Sensitizing the students towards other therapies used in Dental Medicine, compared with conventional therapies employed over years of study.</b>			

Data completării 22.10.2018	Semnătura titularului de curs Prof. Univ. Dr. Carmen TODEA	Semnătura titularului de laborator/stagiu Prof. Univ. Dr. Carmen Todea
Semnătura șefului de disciplină Prof. Univ. Dr. Carmen TODEA		
Data avizării în departament 22.10.2018	Semnătura directorului de departament Prof. Univ. Dr. Carmen TODEA	

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.