

## FIȘA DISCIPLINEI

### 1. Date despre program

1.1 Instituția de învățământ superior	<b>UNIVERSITY OF MEDICINE AND FARMACY V. BABES TIMISOARA</b>
1.2 Facultatea	<b>DENTAL MEDICINE</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>DENTAL MEDICINE</b>

### 2. Date despre disciplină

2.1. Denumirea disciplinei	ORAL REHABILITATION AND EMERGENCIES IN DENTAL MEDICINE							
2.2 Titularul activităților de curs	Prof. Univ. Dr. Carmen TODEA							
2.3 Titularul activităților de laborator	Asist. Univ. Dr. Elena HANIGOVSKI Asist. Univ. Drd. Ruxandra LUCA Asist. Univ. Drd. Daliana MOCUȚA Asist. Univ. Drd. George CONSTANTIN Asist. Univ. Drd. Edmond CIORA							
2.4 Anul de studiu	<b>VI</b>	2.5 Semestrul	<b>I and II</b>	2.6 Tipul de evaluare	<b>Exam</b>	2.7 Regimul disciplinei	Conținut <sup>3)</sup>	<b>DS</b>
							Obligativitate <sup>3)</sup>	<b>DI</b>

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

3.1 Număr de ore pe săptămână	10	3.2 din care: curs	<b>2</b>	3.3 laborator	<b>8</b>
3.4 Total ore din planul de învățământ	<b>140</b>	3.5 din care: curs	<b>28</b>	3.6 laborator	<b>112</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					18
Tutoriat					
Examinări (1 examen practic, 1 examen final)					2
Alte activități					
3.7 Total ore studiu individual	<b>90</b>				
3.8 Total ore pe semestru	140				
3.9 Numărul de credite <sup>5)</sup>	<b>16</b>				

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

4.1 de curriculum	Investigations, Diagnosis and treatment methods, Dental Surgery, Periodontology, Dental Prosthetic, Aesthetic, Endodontics, Pediatric Dentistry.
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 shut down during the lab, with no telephone conversations during the lab being tolerated, nor the students leaving the internship room for personal phone calls; The students' lag will not be tolerated more than 15 minutes after the beginning, as this is proving 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 the second semester depending on the group assistants' allocation per day; No meal breaks will be tolerated throughout the traineeship; The final check-up data for patients, the practical exam in the subject matter and the final exam are determined by the student in agreement with the students. No requests for postponement will be accepted for reasons other than a legitimate objective; Practical exam will be held in the last week of the second semester of the subject taught at practical works; Promotion of the practical exam is mandatory in order to promote the final exam.

## 6. Competențe specifice acumulate

Competențe Profesionale	<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 illness, aetiology and mechanisms responsible for the onset and evolution of pathological conditions; understanding and knowledge of functional imbalances, compensatory mechanisms at different stages of illness, knowledge of the therapeutic principles</li> <li>3. Developing the ability to formulate a positive and differential diagnosis for the diseases studied based on the anamnesis interpretation, the direct and indirect clinical examination as well as the paraclinical examination</li> <li>4. Knowledge and understanding of the implications of various cardiovascular, respiratory, hematological, digestive, renal, metabolic, endocrine diseases for dental medicine</li> <li>5. Ability to develop a comprehensive and comprehensive treatment plan to rehabilitate orally a patient who has multiple oral cavity diagnoses, taking into account the particularities of the case, possible complications and their integration into a decision-making process that favors a prognosis more favorable to the patient.</li> <li>6. The ability to put into practice a previously established treatment plan, respecting all medical principles and gaining the ability to respond to possible complications that may occur during treatment.</li> <li>7. Developing the ability to know and understand the urgent pathology in the practice of dental medicine and to establish an emergency diagnosis and treatment plan appropriate to the clinical situation.</li> </ol>
Competențe transversale	<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. 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</li> <li>4. Initiation of scientific research activities in the pathogenesis of different diseases and their connections with dental medicine</li> </ol>

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

7.1 Obiectivul general al disciplinei	Acquiring the basic notions of complex oral rehabilitation and emergencies in dental medicine
7.2 Obiectivele specifice	<p>The Oral and Urgent Rehabilitation Course in Dental Medicine has as main objectives the presentation of the basic principles in the investigation, diagnosis and establishment of the complex orally rehabilitated patient's treatment plan, presenting dento-periodontal emergencies, emergencies and treatment difficulties in patients with medical risk in the dental office, presentation of oral rehabilitation for patients of the third age, solutions for early and late rehabilitation of the first permanent molar (the six-year molar), the oral rehabilitation of the total edentulous patient, the presentation of the fundamental principles in the odontal, periodontal, occlusal, prosthetic, principles and variants rehabilitation within the aesthetic rehabilitation of the frontal area, as well as the presentation and explanation of the iatrogenicity in dental medicine.</p> <p>Explaining the implications of cardiovascular, respiratory, hematological, digestive, renal, metabolic, endocrine pathology for dental medicine</p>

## 8. Conținuturi

8.1 Curs	Metode de predare	Număr de ore	Observații
1. Basic principles in the clinical investigation of the complexly oral rehabilitated patient	<ul style="list-style-type: none"> <li>• Oral oral lecture with structured, interactive Powerpoint presentations, according to the theme, accompanied by a rich and suggestive iconography;</li> <li>• PPT presentations contain suggestive images, tables and schemas of pathological status mechanisms and manifestations as well as questions from the material traveled;</li> <li>• The informative material is continuously adapted to the latest information in the field of dental</li> </ul>	2	The bibliography for MD specialization is available for consultation at the Headquarters of the Oral Rehabilitation Discipline and Dental Emergencies Department.
2. Basic principles in the paraclinical investigation of the complexly oral rehabilitated patient		2	
3. Assessment of pain in dentistry		2	
4. Emergencies in pulpo-periapical pathology		2	
5. Emergency attitude in the marginal periodontal pathology		2	
6. Emergency attitude in accidents temporary and permanent tooth eruption		2	
7. Emergency tooth extraction		2	

8. Emergency attitude in coronary fractures with/without dental pulp implication	<p>medicine, describing the implications of various diseases for dental medicine.</p> <p>• Each course presents the educational objectives at the beginning and ends with the summary of the notions presented.</p>	2	
9. Emergency attitude in tooth fractures, alveolar process and support bone		2	
10. Emergency attitude in suppurations of the soft oral-maxillo-facial tissue		2	
11. Emergency attitude in oral and facial lesions		2	
12. Emergency attitude in TMJ disorders		2	
13. Emergency prosthodontics		2	
14. Basic procedures for emergency care in the dental office		2	
15. Emergency and treatment difficulties in patients with medical risk in the dental office		2	
16. Specific oral rehabilitation for elderly patients, management of the dental treatment in elderly patients, perception of the elderly patients, biological and physiological aspects of older people		2	
17. Dental alterations specific to elderly people		2	
18. Marginal periodontal pathology in the elderly, oral mucosa pathology specific for elderly patients		2	
19. Gerontological prosthodontics issues in elderly		2	
20. Oral rehabilitation of the totally edentulous patients		2	
21. Dental occlusion		2	
22. Strategic considerations in choosing the treatment plan		2	
23. The classification of partial edents and the steps required to establish the treatment plan		2	
24. The communication with the dental laboratory and the fixed prosthetic's impression		2	
25. Basic principles in complex treatment plan achievement		2	
26. The tooth's predictability. When it is restored and when it is extracted? Corono-radicular devices. When and how to use it?		2	
27. Principles and variants within the aesthetic rehabilitation of the frontal area. Therapeutic solutions.		2	
28. Mistakes and errors in complex oral rehabilitation; iatrogenic aspects in the branches of dental medicine		2	

**Bibliografie obligatorii:**

1. Carmen Todea, "Atitudinea de Urgență în Medicina Dentară", Ed. brumar, 2004
2. Carmen Todea, "Managementul pacienților cu risc medical în practica de medicină dentară", carte pe suport electronic, Ed. Victor Babeș, 2011
3. Carmen Todea, "Reabilitarea Orală Complexă", Ed. Victor Babeș, vol.1 și 2 revizuit 2018

**Bibliografie facultativă:**

1. Michael Cohen. "Interdisciplinary Treatment Planning", Ed. Quintessence, 2008
2. Mark Greenwood, Ian Corbett. "Dental Emergencies" Ed. Wiley-Blackwell, 2012
3. M. Fradeani, G. Barducci. "Esthetic Rehabilitation in Fixed Prosthodontics" - Esthetic Analysis, vol.1, Ed. Quintessence, 2008
4. M. Fradeani, G. Barducci. "Esthetic Rehabilitation in Fixed Prosthodontics" - Prosthetic Treatment, vol.2, Ed. Quintessence, 2008
5. Stanley F. Malamed. "Medical Emergencies in the Dental Office, Fifth edition", Ed. mosby, 2000
6. Geza T. Terezhalmay, Levente G. Batizy, "Urgent Care in the Dental Office" Ed. Quintessence, 1998

8.2 Seminar/ Laborator /stagiu/ proiect	Metode de predare-învățare	Număr de ore	Observații
1. Drawing up the complex observation sheet; Analysis of a study model and orthopantomography	Prezentarea si realizarea de catre studenti a unei fise de observatie complete Manopere de specialitate in vederea reabilitarii orale complete a unui pacient Manopere de urgenta in medicina dentara realizate in serviciul de urgenta a Spitalului Municipal Timisoara (conform baremului).	8	
2. Drawing up the complex observation sheet; Analysis of a study model and orthopantomography		8	
3. Drawing up the complex observation sheet; Analysis of a study model and orthopantomography		8	
4. Drawing up the complex observation sheet; Analysis of a study model and orthopantomography		8	
5. Oral complex rehabilitation of a patient / Emergency maneuvers		8	
6. Oral complex rehabilitation of a patient / Emergency maneuvers		8	
7. Oral complex rehabilitation of a patient / Emergency maneuvers		8	
8. Oral complex rehabilitation of a patient / Emergency maneuvers		8	
9. Oral complex rehabilitation of a patient / Emergency maneuvers		8	
10. Oral complex rehabilitation of a patient / Emergency maneuvers		8	
11. Oral complex rehabilitation of a patient / Emergency maneuvers		8	
12. Oral complex rehabilitation of a patient / Emergency maneuvers		8	
13. Oral complex rehabilitation of a patient / Emergency maneuvers		8	
14. Presentation of the patient rehabilitated orally		4	
<b>Bibliografie obligatorie:</b>			
1. Carmen Todea, "Atitudinea de Urgentă în Medicina Dentară". Ed. brumar, 2004			

2. Carmen Todea, "Managementul pacienților cu risc medical în practica de medicină dentară", carte pe suport electronic, Ed. Victor Babeș, 2011
3. Carmen Todea, "Reabilitarea Orală Complexă", Ed. Victor Babeș, vol.1 și 2, revizuit 2018

**Bibliografie facultativă:**

1. Michael Cohen. "Interdisciplinary Treatment Planning", Ed. Quintessence, 2008
2. Mark Greenwood, Ian Corbett. "Dental Emergencies" Ed. Wiley-Blackwell, 2012
3. M. Fradeani, G. Barducci. "Esthetic Rehabilitation in Fixed Prosthodontics" - Esthetic Analysis, vol.1, Ed. Quintessence, 2008
4. M. Fradeani, G. Barducci. "Esthetic Rehabilitation in Fixed Prosthodontics" - Prosthetic Treatment, vol.2, Ed. Quintessence, 2008
5. Stanley F. Malamed. "Medical Emergencies in the Dental Office, Fifth edition", Ed. mosby, 2000
6. Geza T. Terezhalmay, Levente G. Batizy, "Urgent Care in the Dental Office" Ed. Quintessence, 1998

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

The student is acquainted with the main pathological diseases in the dento-maxillary apparatus he will face later in the clinic and practice, as well as with the paraclinical investigations that help diagnose these diseases, the main therapeutic means and implications for the general condition of the patient.

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 sketch and standardize the content, as well as the choice of teaching / learning methods, the discipline holders organized and participated in the didactic workshops of the national conferences on dental medicine.

The meetings covered discussions with Oral Rehabilitation and Dental Emergency Researchers from other university centers, identifying the needs and expectations of employers in the field, and co-ordination with other similar programs within 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> knowledge of the definitions of the main studied diseases, their classification, the main pathological mechanisms involved in the occurrence of the diseases and the pathological conditions studied, correlation of mechanisms with clinical symptomatology and knowledge of the implications for dental medicine of the studied pathology</p>	Final evaluation: grid test with 100 questions	50 %

10.5 Laborator/Stagiu	<p><i>Cunoștințe pentru nota 5:</i></p> <ul style="list-style-type: none"> <li>-Student will perform the scale of emergency maneuvers;</li> <li>-The student will orally rehabilitate a patient whom he / she will present at the end of the trainee internship and the course holder.</li> <li>- The student will undergo a practical dental exam, in which he will establish the emergency diagnosis, establish the treatment plan and carry out the emergency treatment, encountering difficulties during these stages and requiring guidance from the teachers</li> </ul> <p>The student will undergo a practical dental exam, in which he will establish the emergency diagnosis, establish the treatment plan and carry out the emergency treatment, encountering difficulties during these stages and requiring guidance from the teachers</p> <p><i>Cunoștințe pentru nota 10:</i></p> <ul style="list-style-type: none"> <li>-Student will perform the scale of emergency maneuvers;</li> <li>-The student will orally rehabilitate a patient whom he / she will present at the end of the trainee internship and the course holder.</li> </ul> <p>The student will undergo a practical emergency examination in dental medicine, where he will establish the emergency diagnosis, establish the treatment plan and perform the emergency treatment. (establishing and supporting arguments of the emergency diagnosis, carrying out the maneuver following all the necessary steps, observing the rules of asepsis)</p>	<p><i>Evaluare continuă:</i></p> <ul style="list-style-type: none"> <li>- activitate la lucrările practice</li> </ul> <p>Final evaluation: practical exam</p> <ul style="list-style-type: none"> <li>- precedes the theoretical examination and consists of diagnosing dental emergency, as well as solving it.</li> </ul>	50%
10.6 Standard minim de performanță			
<ul style="list-style-type: none"> <li>- the assembling of the specialized knowledge acquired in the previous years and their completion</li> <li>- developing the capacity to address complex treatment of patients requiring complete oral rehabilitation.</li> <li>- the ability to establish a diagnosis and emergency treatment plan, the assimilation of emergency dental care.</li> </ul>			

Data completării 22.10.2018	Semnătura titularului de curs  Prof. Univ. Dr. Carmen TODEA	Semnătura titularului de laborator/stagiu  Asist. Univ. Dr. Elena HANIGOVSKI  Asist. Univ. Drd. Ruxandra LUCA  Asist. Univ. Drd. Daliana MOCUȚA  Asist. Univ. Drd. George CONSTANTIN  Asist. Univ. Drd. Edmond CIORA
Semnătura șefului de disciplină  Prof. Univ. Dr. Carmen TODEA	Semnătura directorului de departament Prof. Univ. Dr. Carmen TODEA  .....	
Data avizării în departament  22.10.2018		

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.