

FIȘA DISCIPLINEI- ENGLISH SECTION

1. Date despre program

1.1 Instituția de învățământ superior	UNIVERSITY OF MEDICINE AND PHARMACY „V BABES” TIMISOARA
1.2 Facultatea	FACULTY OF DENTAL MEDICINE
1.3 Departamentul	III
1.4 Domeniul de studii de..... ¹⁾	LICENCE/HEALTH
1.5 Ciclul de studii ²⁾	LICENCE
1.6 Programul de studii/ Calificarea	DENTAL MEDICINE

2. Date despre disciplină

2.1. Denumirea disciplinei	REMOVABLE PARTIAL DENTURES							
2.2 Titularul activităților de curs	Lect. Dr. Luciana Goguta, DMD, PhD							
2.3 Titularul activităților de laborator	1. Assist. Prof. Dr. Cristiana Pricop 2. Assist. Prof. Dr. Fabricky Mihai							
2.4 Anul de studiu	VI	2.5 Semestrul	I	2.6 Tipul de evaluare	Exam	2.7 Regimul disciplinei	Conținut ³⁾	DF
							Obligativitate ³⁾	DI

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

3.1 Număr de ore pe săptămână	9	3.2 din care: curs	3	3.3 stagiul clinic	6
3.4 Total ore din planul de învățământ	126	3.5 din care: curs	42	3.6 stagiul clinic	84
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					25
Pregătire seminarii/ laboratoare/ proiecte, teme, referate, portofolii și eseuri					25
Tutoriat					
Examinări (1 seminar, 1 VP, 1 examen practic, 1 examen final)					4
Alte activități					
3.7 Total ore studiu individual	100				
3.8 Total ore pe semestru	150				
3.9 Numărul de credite⁵⁾	10				

4. Precondiții (acolo unde este cazul)

4.1 de curriculum	-
4.2 de competențe	-

5. Condiții (acolo unde este cazul)

5.1 de desfășurare a cursului	<ul style="list-style-type: none"> • Mobile phones will be closed during classes, telephone conversations are not tolerated during the course, nor do students leaving 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; • Presence at the course is mandatory, with a maximum of 30% absences accepted.
5.2 de desfășurare a seminarului/ laboratorului/ proiectului	<ul style="list-style-type: none"> • Mobile phones will be closed throughout the laboratories, not being tolerated; telephone conversations during the clinical stages, nor the students leaving the classroom to take over personal telephone calls; • The students' delay will not be tolerated as it proves to be disruptive to the educational process; • Presence at the clinical stages 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; • The dates of the practical examination 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; The data of the support of the semester practical examination and of the practical examination at the end of the academic year are established by the student in agreement with the students. Applications for postponement will not be accepted for reasons other than a legitimate objective; • Practical exam will be held in the last week of the first semester of the clinical hours; • Promotion of the practical exam is mandatory in order to promote the final exam.

6. Competențe specifice acumulate

Competențe Profesionale	<p>After passing and promoting the part of the removable partial dentures discipline the student possesses minimal knowledge, both theoretical and practical, necessary for the realization of:</p> <ol style="list-style-type: none"> 1. a removable partial denture with metal frame 2. an acrylic removable partial denture 3. an overdentureson special systems on natural teeth. 4. hybrid treatment: fixed partial denture and a removable partial denture with metal frame on attachments.
Competențe transversale	<ol style="list-style-type: none"> 1. Identify roles and responsibilities in a multidisciplinary team and apply effective relationship and work techniques within the team to facilitate future interdisciplinary collaborations 2. Effective use of information sources and communication resources and assisted training (Internet portals, specialized software applications, databases, on-line courses, etc.) . 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.

7. Obiectivele disciplinei (reieșind din competențele specifice acumulate)

7.1 Obiectivul general al disciplinei	Acquiring the basic notions of partial removable dentures
7.2 Obiectivele specifice	<ol style="list-style-type: none"> 1. Examine the patient and develop a correct treatment plan, choosing the best individualized prosthetic treatment. 2. Capacity to communicate with patients and colleagues for appropriate treatment through a partial removable denture 3. Complete a hybrid treatment or a removable denture.

8. Conținuturi

8.1 Curs	Metode de predare	Nr. de ore	Observații
1. Extended partial edentoulism: etiology, symptomatology, complications. Classification of partially edged arches. Kennedy's classification and the Applegate rules on Kennedy's classification. Indications of the use of fixed restorations and partial removable dentures.	<ul style="list-style-type: none"> • Oral lecture delivered with structured, interactive Powerpoint presentations, according to the theme, accompanied by a rich and suggestive iconography. • PPT presentations contain suggestive images, tables and diagrams of the stages of prosthetic treatment. • The informative material is continuously adapted to the latest information in the field of dental prosthetics, materials and techniques used in dental prosthetics • Each course presents the educational objectives at the beginning. • The course is interactive. 	3	Optional bibliography can be purchased online on Amazon
2. Clinical morphological and functional examination, analysis and interpretation of radiographs. Study and documentary models. Diagnosis and treatment plan. Survayer - description, objectives, factors determining the path of insertion-disinsertion, stages of parallelogram evaluation of a study model and working model, tripoding.		3	
3. Acrylic removable partial dentures: features, clinical and technical stages of fabrication. Wire clasps: components, classification and functions,		3	
4. Nonspecific pre-prosthetic treatment: surgical interventions, orthodontic, dental, endodontic, periodontal, occlusal balancing treatments. Provisional restorations during treatment.		3	
5. Preparing the oral cavity for removable partial dentures: bone and mucosa surgical treatment, conditioning the injured and irritated tissues. Preparing the abutment teeth and indications of use fixed partial prostheses. Occlusal and incisal rests: functions, location, preparation of the teeth.		3	
6. Major maxillary și mandibular connectors: types, features and indications. Secondary Connectors: Classification, Functions and Particularities.		3	
7. Direct retention: cast clasps - classification, criteria for selection of different types of clasps and indications. Circular clasps, Roach clasps, Ney clasps, mixed and special clasps.		3	
8. Cast clasps functions: maintenance (retention), stabilization, support, encirclement, reciprocity, passivity. Indirect retention: factors		3	

influencing the effectiveness of indirect maintenance elements, types of indirect maintenance elements and their ancillary functions.			
9. Retention support and stabilization special systems: definition, classification, advantages and disadvantages. Sliding systems, caps systems, rider bar systems, telescoping systems, articulated systems and magnetic systems.		3	
10. The base of the removable partial denture and its functions. Partial prosthesis saddles with dental - periodontal support. Terminal saddles of removable dentures. The ideal material for the denture saddles. Advantages of metal bases.		3	
11. Biomechanics of removable partial dentures. The characteristics of the functional mastication forces. Possible displacements of the removable partial dentures: Vertically, horizontally. Rotation of removable partial dentures. Types, location, and auxiliary functions of indirect retention elements.		3	
12. Design principles for partial removable partial dentures. The factors that influence this design. Differences between the two main types of removable partial dentures (with dento-periodontal support and mixed support). The stages of the design of the removable partial dentures.		3	
13. Clinical and technical stages of removable partial dentures		3	
14. Overdentures: indications, choice of abutment teeth, clinical-technical stages, connections between infra- and superstructure.		3	

Required bibliography:

1. Sergiu Antonie, Dorin Bratu, Nicolae Adrian Bara, Emanuel Bratu Bogdan Bâldea, Bogdan Chisevescu, Viorica Benghia, Raluca Erimescu, Cristina Borțun. Mihai Fabricky, Luciana Goguță, Alfred Mark Sallay, Anca Jivănescu, Liliana Sandu, Corina Mărcăuțeanu, Radu Scurtu, Meda Negruțiu, Topală Florin, Daniel Alexandru Pop, Ioan Achim Borșan, Nicolae Maciu - **Restaurarea edentațiilor parțiale prin proteze mobilizabile** - Editura Medicală București 2008
2. Documentele PDF – corespunzătoare cursurilor predate – pe care studenții le primesc de la titularul de curs.

Optional bibliography:

1. Alan B. Carr, DMD, MS, and David T. Brown, DDS, MS - McCrackens Removable Partial Prosthodontics 2015
2. Marta Radnai – Removable partial dentures Editura Medicina Budapest 2012
3. John D. Jones, Lily T. Garcia. Removable Partial Dentures: A Clinician's Guide 2009, Wiley-Blackwel
4. J.C. Davenport, R.M. Basker, J.R. Heath, J.P. Ralph, P.O. Glantz A Clinical Guide To Removable Partial Denture Design British Dental Journal 2000
5. Rodney D. Phoenix, David R. Cagna, Charles F. DeFreest Stewart's Clinical Removable Partial Prosthodontics 4th Edition., 2008.

8.2 Seminar/ Laborator/stagiu/ proiect	Metode de predare-învățare	Număr de ore	Observații
1. Introduction. The processing of internal regulations and labor protection measures.	CASE PRESENTATIONS. Oral presentation and explanation and practical demonstration of each stage of accomplishing a complex treatment through removable partial dentures / hybrid treatment - Fixed partial dentures and removable partial dentures.	6	
2. Particularities of the patient's therapy with a large partial edentulous space (cabinet, apparatus, instrument, procedures). Description of the stages of treatment by removable partial dentures.		6	
3. Clinical, paraclinical and observation of the partial edentulous patient.		6	
4. Analysis of the model using the suveyer.		6	

5. Establishing the diagnosis and developing the treatment plan for the partial edentulous patient.	Practical assistance and supervision of students in all specific treatments performed until the completion of removable partial dentures.	6	
6. Pre-prosthetic dental, endodontic, periodontal, surgical and occlusal balancing treatment.		6	
7. Pro-prosthetic treatment of the partially edentulous patient treated by removable partial dentures		6	
8. Methods and techniques of impressions for the fabrication of removable partial denture		6	
9. Checking and correcting the adaptation of the metallic frame of the removable partial denture on the model and in the oral cavity.		6	
10. Determination and recording of intermaxillary relationships for the realization of the removable partial denture		6	
11. Try in of the removable partial denture		6	
12. Insertion of the removable partial denture into the oral cavity. Occlusal balancing.		6	
13. Examination of the patient treated with removable partial denture one week after application of the denture, treatment of decubitus lesions.		6	
14. Detection of signs and symptoms of removable partial denture.		6	
Required Bibliography: 1. PPT presentations where students had direct access.			
Optional bibliography: 1. Alan Carr David Brown - McCracken's Removable Partial Prosthodontics 13th Edition 2015 2. Marta Radnai – Removable partial dentures Editura Medicina Budapest 2012 3. Klaus H. Rateitschak, Herbert F. Wolf, George Graber, Christian Besimo, Peter Wiehl - Farbatlant der Zahnmedizin, Bd.3, Partielle Prothetik.			

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

The student is learning the clinical-technical stages of the fabrication of a removable partial denture - acrylic, elastic, with metal frame or hybrid treatment - fixed dental dentures + removable dentures. In turn, the students complete and finalize these types of dentures under the direct guidance and assistance of the clinician (Assistant Professors and Lecturer). Thus, it acquires the necessary information and skills to be able to practice as a dental practitioner in accordance with the current requirements of the health care labor market, meeting European educational and professional standards. It should be noted that the profession of dentist is regulated at EU level, including through minimum training standards, which are considered in the curriculum content.

Students interested in the research activity have the opportunity to be work in the discipline under the direct guidance of the teaching staff of the discipline and to participate actively in the national student scientific sessions.

10. Evaluare

Tip activitate	10.1 Criterii de evaluare	10.2 Metode de evaluare	10.3 Pondere din nota finală
10.4 Cours	Knowledge for passing the written exam: classification of partial edentulous arches, structural elements of removable partial dentures; diagnosis, prognosis and clinical-technical stages of fabrication of a removable partial denture.	Final evaluation: multiple choice test with 50 questions Interactive participation during the course	50% 10%
10.5 Clinical stages	Achievement of a minimum mandatory scale: a acrylic removable partial denture, a flexible partial partial denture /2 students, a removable partial denture with metal frame/ 2 students, a hybrid treatment - fixed partial denture and removable partial denture with metal frame/3-4 students, or overdenture on vertical attachments /2students. Making the scale is mandatory for participating in the practical exam	Continuous rating: - 2 on-go checks, consisting of a 10-question multiple choice test; activity at practical work. Final evaluation: practical exam - Assessment of the clinical treatment of each student and 3 questions from the clinical case.	10% 30%

10.6 Standard minim de performanță
After passing and promoting the Removable partial denture discipline, the student possesses minimal knowledge, both theoretical and practical, necessary for the realization of a removable partial denture, an acrylic removable partial denture and an overdenture with vertical attachments on natural teeth.

Data completării 29.10.2018	Semnătura titularului de curs Lect, Dr. Luciana Goguta	Semnătura titularului de stagiu clinic 1. Assist. Prof. Dr. Cristiana Pricop 2. Assist. Prof. Dr. Fabricky Mihai
Semnătura șefului de disciplină, Assoc.Prof. Dr. Anca Jivanescu	Semnătura directorului de departament, Assoc.Prof. Dr. Luminita Nica	
Data avizării în departament 29.10.2018		