

FIȘA DISCIPLINEI

1. Date despre program

1.1 Instituția de învățământ superior	UNIVERSITATEA DE MEDICINA SI FARMACIE "VICTOR BABEȘ" TIMIȘOARA
1.2 Facultatea	-FACULTATEA DE MEDICINĂ DENTARĂ
1.3 Departamentul	III
1.4 Domeniul de studii de..... ¹⁾	Licență
1.5 Ciclul de studii ²⁾	Licență
MD	MD

2. Date despre disciplină

2.1. Denumirea disciplinei	PROTETICĂ DENTARĂ FIXĂ (FANTOM)							
2.2 Titularul activităților de curs	Conf.Dr. Leretter Marius , dr.med, titular, norma de baza							
2.3 Titularul activităților de laborator	Asist.univ.Dr. Fabricky Mihai , dr.med, titular, norma de baza							
2.4 Anul de studiu	III	2.5 Semestrul	2	2.6 Tipul de evaluare	Examen	2.7 Regimul disciplinei	Conținut ³⁾	DS
							Obligativitate ³⁾	DI

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

3.1 Număr de ore pe săptămână	7	3.2 din care: curs	3	3.3 laborator	4
3.4 Total ore din planul de învățământ	98	3.5 din care: curs	42	3.6 laborator	56
Distribuția fondului de timp					ore
Studiul după manual, suport de curs, bibliografie și notițe					
Documentare suplimentară în bibliotecă, pe platformele electronice de specialitate și pe teren					
Pregătire seminarii/ laboratoare/ proiecte, teme, referate, portofolii și eseuri					
Tutoriat					
Examinări					
Alte activități					
3.7 Total ore studiu individual					
3.8 Total ore pe semestru					
3.9 Numărul de credite⁵⁾		7			

4. Precondiții (acolo unde este cazul)

4.1 de curriculum	Teeth anatomy and types of dental materials
4.2 de competențe	They are not necessary

5. Condiții (acolo unde este cazul)

5.1 de desfășurare a cursului	<ul style="list-style-type: none"> Delay to lecture will not be tolerated as it proves disruptive to the educational process; Lecture presence is mandatory, 30% of absences will be accepted.
5.2 de desfășurare a seminarului/ laboratorului/ proiectului	<ul style="list-style-type: none"> Delay to lecture will not be tolerated as it proves disruptive to the educational process; Laboratory presence is mandatory, 15% of absences will be accepted. Absences can be recovered in the last week of each semester with the permission of the group assistant, only after paying the corresponding tax; Final exam and laboratory exam dates will be set by the head of the department with the consultancy of the students; Practical exam will be held in the last week of the semester in accordance with laboratory curricula; Passing the laboratory exam is mandatory for passing the final exam.

6. Competențe specifice acumulate

Competențe Profesionale	1. Acquiring medical language, useful in the clinical practice; 2. Understanding the concepts of fixed prosthodontics; 3. Ability to perform certain preparations for fixed dental prostheses on the typodont model.
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Competențe transversale	1.Efficient use of communication resources (Internet, online lectures, data bases); 2.Identification of objectives, available resources, working steps as well as possible risks; 3.Initiation of research activities in the field of prosthodontics.
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7. Obiectivele disciplinei (reieșind din competențele specifice acumulate)

7.1 Obiectivul general al disciplinei	To explain both theoretical and practical terms, notions, methods and principles regarding the fixed single tooth prosthesis.
7.2 Obiectivele specifice	1. Understanding the treatment options in fixed prosthodontics; 2. Preparation types suitable for single restorations; 3. Impression materials and techniques; 4. Provisionals.

8. Conținuturi

8.1 Curs	Metode de predare	Număr de ore	Observații
1. Introduction to fixed prosthodontics. Overview. Terminology. From the history of fixed prosthesis. Classification of fixed prostheses.	<ul style="list-style-type: none"> • Oral lecture, interactive Powerpoint presentations; • Powerpoint presentations with suggestive images and tables; • Continuous updates of the lecture material in accordance with the newest concepts, devices, technologies in fixed prosthodontics; • Clear statment of educational objectives before each lecture. 	3	
2. Examination, diagnosis and treatment plan in fixed prosthodontics. Materials and armamentarium necessary for tooth preparation.		3	
3. Principles of tooth preparation. Preservation of hard dental structures. Structural strength. Pulp protection. Intracoronar and extracoronar preparation.		3	
4. Principles of tooth preparation. Retention and stability. Preparation of teeth with endodontic treatment and of those with periodontal disease.		3	
5. Features of impression for single tooth fixed restorations: abstract, objectives, precision, trays, impression materials. Impression techniques and methods.		3	
6. Features of the cast model for single tooth fixed restorations: abstract, study model, diagnostic model, work model, duplicated model.		3	
7. Intracoronar preparations. Single tooth restorations: direct and indirect techniques. Metal inlays, composite inlays, metal-ceramic and full ceramic inlays.		3	
8. Extracoronar preparations. Partial crowns in the anterior and posterior area. Advantages, disadvantages, indications and contraindications.		3	
9. Extracoronar preparations. Ceramic veneers. Advantages, disadvantages, indications and contraindications.		3	
10. Extracoronar preparations. Full crowns. Advantages, disadvantages, indications and contraindications.		3	
11. Extracoronar preparations. Metal-ceramic crowns. Advantages, disadvantages, indications and contraindications.		3	
12. Extracoronar preparations. Metal-polymer crowns. Advantages, disadvantages, indications and contraindications.		3	
13. Extracoronar preparations. Ceramic and polymer jacket crowns. Advantages, disadvantages, indications and contraindications.		3	
14. Prosthetic restorations by coronal substitution. Direct, indirect and combined techniques./ Provisional restorations. Direct and indirect methods.		3	

Bibliografie obligatorie: 1. Shillingburg HT – Fundamentals of fixed prosthodontics (the 4 th edition), <i>Quintessence, 2012.</i> 2. Rosenstiel SF – Contemporary fixed prosthodontics (the 4 th edition), <i>Elsevier, 2006.</i>			
Bibliografie facultativă: 1. ...			
8.2 Seminar/ Laborator/stagiu/ proiect	Metode de predare-învățare	Număr de ore	Observații
1. Presentation of the dental office, equipment and armamentarium. Presentation of the working table. SAFETY instructions.	PRELEGERE+DEZBATERE+ST UDII - PREZENTĂRI DE CAZ <ul style="list-style-type: none">• Oral lecture, interactive Powerpoint presentations;• Powerpoint presentations with suggestive images and tables;• Case reports	4	
2. Techniques of examination and observation chart in fixed prosthodontics.		4	
3. Preparation for a metal-ceramic class II inlay.		4	
4. Preparation for a premolar or molar MOD onlay.		4	
5. Preparation for a porcelain/polymer veneer on the upper central incisor.		4	
6. Preparation for a partial crown.		4	
7. Knife edge preparation of an abutment for a cast metal full crown.		4	
8. Chamfer preparation of an abutment for a cast metal full crown.		4	
9. Preparation of an abutment for a partial-esthetic metal-ceramic crown.		4	
10. Preparation of an abutment for a full-esthetic metal-ceramic crown./ 90° shoulder preparation for a jacket crown.		4	
11. Preparation for DCR and crown substitution.		4	
12. Impression techniques.		4	
13. Making of a full-ceramic restoration from a ceramic block using the copying technique (Celay, MIKRONA). Stages and technology.		4	
14. Making a provisional fixed restorations. Methods.		4	
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Bibliografie facultativă: 1. ...			

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

The student is familiarised with the basic notions and concepts in fixed prosthodontics, classifications, armamentarium, clinical and technical steps, that will serve later on in clinical practice. As a result, the student will gain useful information and clinical skills, in accordance with the current demands in the field of dentistry, meeting the educational standards imposed by EU.

10. Evaluare

Tip activitate	10.1 Criterii de evaluare	10.2 Metode de evaluare	10.3 Pondere din nota finală
10.4 Curs	Colocviu grila - cunoștințe pentru nota 5: 50% +1 din numărul de puncte al grilei - cunoștințe pentru nota 10: 95% din numărul de puncte al grilei		
10.5 Laborator/Stagiu	evaluare pe parcurs- seminarizare orală prezentari de articole din tematica cursului		

10.6 Standard minim de performanță

Data completării	Semnătura titularului de curs Conf. Dr Leretter Marius	Semnătura titularului de laborator/stagiu
Semnătura șefului de disciplină Conf. Dr Jivanescu Anca		
Data avizării în departament	Semnătura directorului de departament Conf. Dr. Lumința Nica.....	

Notă:

- 1) Domeniul de studii - *se alege una din variante:* 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 variante:* Licență/ Master/ Doctorat;
- 3) Regimul disciplinei (conținut) - *se alege una din variante:* **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 variante:* **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.