

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	3
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	Fixed prosthodontics							
2.2 Titularul activităților de curs	Conf.Dr. JIVANESCU ANCA, dr.med, titular, norma de baza							
2.3 Titularul activităților de laborator	Asist. supl. Dr. Pricop Cristiana							
2.4 Anul de studiu	IV	2.5 Semestrul	I	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	11	3.2 din care: curs	3	3.3 laborator	8
3.4 Total ore din planul de învățământ	140	3.5 din care: curs	42	3.6 laborator	98
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	100				
3.8 Total ore pe semestru	160				
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"> • 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 for clinical practice 2.Understanding the concept of fixed partial dentures 3.Understanding of the different types of fixed partial dentures 4.Clinical examination of the patient and treatment plan 5.Impression techniques
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 fixed prosthodontics

7. Obiectivele disciplinei (reieșind din competențele specifice acumulate)

7.1 Obiectivul general al disciplinei	Transmiterea și explicarea către student a cunoștințelor, atât teoretice, cât și practice, necesare realizării de restaurări protetice fixe uni- și pluridentare prin tehnici clasice și moderne.
7.2 Obiectivele specifice	<ol style="list-style-type: none"> 1. Understanding treatment options with fixed partial dentures and single tooth restorations(inlay, onlay crown) 2. Clinical exam in patients with partial edentulism and single tooth restorations(inlay, onlay crown) 3. Impression techniques for the partially edentulous patient 4. Evaluation of the abutments 5. Choosing the best treatment plan in accordance with the clinical case 6. Cementation of fixed partial dentures and single tooth restorations(inlay, onlay crown)

8. Conținuturi

8.1 Curs	Metode de predare	Număr de ore	Observații
1. Introduction:study of partial edentulism and fixed partial dentures. Definitions,classifications,terminology.	PRELEGERE DEZBATERI STUDII PREZENTARIDE CAZ • Oral lecture, interactive Powerpoint presentations • Powerpoint presentations with suggestive imagesand tables • Continuos updates of the lecture material in accordance with the newest devices and materials used in fixed prosthodontics • Clear statment of educational objectives before each lecture	3	
2. Prosthetic restoration in partial edentulism: therapeutic options. Classical and modern fixed partial dentures.		3	
3. Patient examination – anamnesis, clinical andparaclinical examination. Completing patient’s medical records(history).		3	
4. Choosing the therapeutic solution.Treatment plan, abutment evaluation and choosing anchorage elements.		3	
5. Intermediary abutments for fixed partial dentures.Relation with the edentulous ridge.Connectors. Fixed partial denture biomechanics.		3	
6. Intraoral fluid control and preparing the gingival sulcus for impression.Impression and model for fixed partial dentures.		3	
7. Provisional restoration in partial edentulism.		3	
8. Fixed partial dentures for different clinical situations and location of the missing teeth. Fixed partial dentures for the posterior region.		3	
9. Fixed partial dentures for missing anterior teeth.		3	
10. Colour and shade selection,colour matching and communication in fixed partial dentures.		3	
11. All-ceramic systems in fixed partial dentures.		3	

12. CAD/CAM technologies for the fabrication of fixed partial dentures		3	
13. Marginal and internal fit and cementation procedures for fixed partial dentures. Periodic assessment.		3	
14. Removing fixed partial dentures: instruments and techniques.		3	
Bibliografie obligatorie: 1. Shillingburg HT – Fundamentals of fixed prosthodontics ,orice editie 2. Rosenstiel SF – Contemporary fixed prosthodontics, orice ediți 3. Anca Jivanescu. Note de curs(format digital) Bibliografie facultativă: 1. Shillingburg HT – Fundamentals of fixed prosthodontics ,orice editie 2. Rosenstiel SF – Contemporary fixed prosthodontics, orice ediție			
8.2 Seminar/ Laborator/stagiu/ proiect	Metode de predare-învățare	Număr de ore	Observații
1. Examination of partially edentulous patient. Anamnesis, clinical general exam, exo and endobuccal exam. Paraclinical exams. Impression for study models.	<ul style="list-style-type: none"> Activitate clinica, realizarea tratamentelor preprotetice si protetice Oral lecture, interactive Powerpoint presentations Powerpoint presentations with suggestive images, tables and techniques Advantages and disadvantages of the main fixed partial dentures Case reports Continuous updates of the lecture material in accordance with the newest materials and techniques used for the fabrication of partial dentures 	7	
2. Treatment plan in patients with partial edentulism. Examining multiple clinical cases with partial edentulism. Paraclinical exams. Examining study models.		7	
3. Fixed partial dentures: abutments and anchorage elements. Abutment evaluation. Ways of restoring abutments (direct and indirect). Importance of X-Ray exam. Periodontal status. Choosing anchorage elements in accordance with clinical case.		7	
4. „IN VIVO” abutment preparation. Inlays, onlays, overlays and full crown preparations, restoring teeth with periodontal problems and endodontic treatment .ă		7	
5. Fabrication of provisionals based on the clinical case, materials and technologies.		7	
6. Preparing the gingival sulcus for impression (gingival retraction): mechanical technique, mechanico-chemical methods, and surgical methods.		7	
7. Taking the impression: single and dual consistency materials; elastomeric materials (condensation silicone, addition silicone, polyether). Demonstration with Pentamix I (3M ESPE) system.		7	
8. Intermediary abutments for fixed partial dentures. Choosing intermediaries based on the clinical case. Relation with edentulous ridge.		7	
9. Adhesive fixed dentures. Fixed partial dentures with extensions. Clinical exercises: preparation, impression, luting.		7	
10. Color and aesthetics in fixed partial dentures. Systems and methods for choosing the color. Color charts and clinical use. Basic principles for choosing the color. Chromatic aspects of fixed partial dentures.		7	
11. All-ceramic fixed partial dentures. Clinical and technical fabrication stages. Clinical and technical fabrication of lithium disilicate and zirconia fixed partial dentures.		7	
12. Adaptation of fixed partial dentures- proximal, marginal and occlusal. Occlusal adjustments in maximum intercuspation and during mandibular movements		7	
13. Luting fixed partial dentures. Temporary luting-pros		7	

and cons.Choosing definitive luting cement-criteria. Long term luting:abutment isolation, cleaning and decontamination.			
14. Removing a fixed partial denture. Specific tools used for cutting. Instruments presentation. Preventing accidents during the procedure.		7	
Bibliografie obligatorie: 1. Shillingburg HT – Fundamentals of fixed prosthodontics ,3 th edition 2. Rosenstiel SF – Contemporary fixed prosthodontics, 4th edition 3. Anca Jivanescu- Note de curs(format digital Bibliografie facultativă:			

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

10. Evaluare

Tip activitate	10.1 Criterii de evaluare	10.2 Metode de evaluare	10.3 Pondere din nota finală
10.4 Curs	<i>Cunoștințe pentru nota 5:</i> <i>Cunoștințe pentru nota 10:</i>	Activity during the semester, oral examination Multiple choice test- 50 questions -	10% 50%
10.5 Laborator/Stagiu	<i>Cunoștințe pentru nota 5:</i> <i>Cunoștințe pentru nota 10:</i>		40%
10.6 Standard minim de performanță			

Data completării	Semnătura titularului de curs	Semnătura titularului de laborator/stagiu 1..... 2.....
Semnătura șefului de disciplină		
Data avizării în departament	Semnătura directorului de departament Prof. Dr.	

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.