

Planning and Quality Assurance Affairs

Form (A)

Course Specifications

General Information

Course name	Removable Prosthodontic IV
Course number	DENT4150
Faculty	
Department	
Course type	Major Needs
Course level	4
Credit hours (theoretical)	1
Credit hours (practical)	0
Course Prerequisites	

Course Objectives

1 - ?	Clinical steps of removal partial denture constructions
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Intended Learning Outcomes

Knowledge and Understanding	* Upon completing this course , students will be able to : ?	Construction the
	removal partial denture clinically	
General Skill	* ?	Good practical in dental clinic

Course Contents

1 -	Diagnosis and Treatment planning for partially edentulous patients 1
2 -	Diagnosis and Treatment planning for partially edentulous patients 2
3 -	Impression and mouth preparation
4 -	Final Impression
5 -	Designing of Partial Denture
6 -	Design of class 1 Kennedy
7 -	Design of class 2 Kennedy
8 -	Design of class 3 Kennedy
9 -	Design of class 4 Kennedy
10 -	Fitting and try-in the Framework
11 -	Delivery of the partial denture
12 -	Relining, Rebasing and Repair of the RPDs
13 -	The Swing-Lock Denture
14 -	Partial Overdenture

Teaching and Learning Methods

1 -	Power point (presentation)
2 -	lectures
3 -	assignments

Students Assessment

<u>Assessment Method</u>	<u>TIME</u>	<u>MARKS</u>
midterm	7th week	50
final	14th week	40
oral exam	14th week	10
Midterm Written exam	7th week	50
final Written exam	14th week	40
final oral exam	14th week	10

Books and References

Course note	Removable partial prosthodontics	2012	Dr. Sybille K lechner
	A color Atlas of removable partial dentures	2011	J.C. Davenport

Knowledge and Skills Matrix

Main Course Contents	Study Week	Knowledge and Understanding	Intellectual Skills	Professional Skills	General Skill
The Diagnostic procedure, Patient interview, Patient's history, Clinical examination of the patient	1st week	diagnosis and examination	how to take patient history	student be able to make correct clinical examination	student be able to make diagnosis
, Evaluation of mounted diagnostic casts, Development of treatment plan	2nd week	evaluation of edentulous classes	determine the class of partial denture	student be able to determine available treatment choices	Development of treatment plan
Introduction, Preliminary Impression, Diagnostic casts, purposed of Mouth Preparation, Mouth Preparation, Abutment teeth preparation	3rd week	Preliminary Impression and Mouth Preparation	decide the appropriate material for primary impression decide the abutment teeth and type of preparation needed for device	student be able to prepare abutment teeth	primary impression taking and oral cavity preparation
Pressure- Free impression, Irreversible hydrocolloid, Rubber base impression materials, Impression procedure, Factors Influencing the Support of a Distal Extension Base	4th week	types of final impressions	verifying the best materials and technique for secondary impression	student be able to make secondary impression with different materials and techniques	taking secondary impression
Designing for support, bracing and reciprocation, resistance to antero-posterior movements of the saddles, Providing retention, Connecting the saddles and retainers	5th week	proper designing of denture base with all objectives	verifying the best design for each cases	student be able to make proper denture base	Denture base designing
-Management of class I Kennedy Problems Reducing the load, Distribution of load between the teeth and the ridges, Distribution of the load widely	6th week	Management of class I Kennedy Problems	how to manage class I problems and provide good design	make partial denture for class I cases with different conditions	Designing of class I Partial Denture
Class II Kennedy Problems ,Class II with modification	7th week	Management of class II Kennedy Problems	how to manage class II problems and provide good design	make partial denture for class II cases with different conditions	Designing of class I Partial Denture
-Kennedy Class III Denture Problems: unilateral partial denture, bilateral partial denture, Plastic base denture	8th week	Management of class III Kennedy Problems	how to manage class III problems and provide good design	make partial denture for class III cases with different conditions	Designing of class III Partial Denture

Some denture designs used for upper class IV in children, Long Saddle Class IV Upper Denture, Class IV Lower Denture ,short Saddle Class IV Upper Denture,Class IV skeleton design	9th week	Management of class IV Kennedy Problems	how to manage class IV problems and provide good design	make partial denture for class IV cases with different conditions	Designing of class IV Partial Denture
, Verifying fit, Checking for clicking or tilting during insertion, Verifying reciprocation, occlusion, Finishing and polishing ground surfaces, Establishing Occlusal Relationship	10th week	Examination of the Framework, Fitting framework to the patient	verifying fit, Checking for clicking or tilting during insertion, Verifying reciprocation,	Verifying fitting of dentures and adjust any problem	Examination of the Framework
Correcting fit of denture base, Modifying the peripheral extension e, Checking up esthetics, stability, Correcting occlusal discrepancies.Post insertion Patient's Complains	11th week	Correcting fit of denture base Instructions to the patient,Post insertion Patient's Complains	identify any problems in denture base and treat it	correcting any problems of denture base and treat Post insertion Patient's Complains	verifying fit and proper denture
Relining: Indications, Laboratory relining, Intraoral reline Rebasing: Indications, Re-establishing occlusion Repair: Broken clasp arm, occlusal rest, Addition of a new tooth	12th week	differentiate between relining , rebasing and types of repair	determined the type of correction is required by rebasing, relining or repair	ability to relining and repairing denture and correction any problems are present	correct any preambles of denture
Design, Disadvantages Indications, Advantages	13th week	swing lock denture and its indication	designing of swing lock denture	deciding if swing lock denture is treatment of choice	making swing lock denture
Definition, Advantages, Disadvantages, Indications, Types of attachments used in overdentures, Implant supported removable partial overdentures	14th week	Definition, Types of attachments used in overdentures	which types of attachment should be used	oral cavity preparation for making Partial Overdenture	make Partial Overdenture