

CURRICULUM FOR PROSTHODONTICS (2023)

National University of Medical Sciences Pakistan

1. Context / Preamble

Prosthodontics is a specialty within dentistry pertaining to the diagnosis, treatment planning, rehabilitation and maintenance of the oral function, comfort, appearance and health of patients with clinical conditions associated with missing or deficient teeth and/or maxillofacial tissues using biocompatible substitutes.

This undergraduate Prosthodontics curriculum is designed to train Bachelor of Dental Surgery (BDS) students to provide basic removable and fixed prosthodontic skills in the practice of general dentistry. This mainly involves management of partially and completely edentulous patients, fabrication of conventional removable and fixed prosthesis, implant-supported prostheses and defect prostheses as well as management of post-treatment complications.

Prosthodontics is a major subject of final professional BDS examination and carries a total of 300 marks.

2. Mission

The mission of this course is to equip dental undergraduate students with the basic knowledge, skills and attitudes for safe ethical practice of removable and fixed prosthodontics.

3. Implementation of Curriculum

Overview:

- a. The Prosthodontics curriculum is divided into 11 courses or modules, taught sequentially as given below:
 - i. Complete Denture Prosthodontics I
 - 1) Systemic Health Aspects and Nutritional Considerations
 - 2) Sequelae of Wearing Complete Dentures
 - 3) Management of Edentulous Patients
 - ii. Complete Denture Prosthodontics II
 - 1) Denture's Polished Surfaces
 - 2) Selection and Arrangement of Artificial Teeth
 - 3) The Try-in Appointment
 - 4) Prosthesis Insertion and Follow-up
 - iii. Complete Denture Prosthodontics III
 - 1) Single Dentures
 - 2) Lifespan of Dentures
 - 3) Speech Considerations with Complete Dentures
 - iv. Removable Partial Prosthodontics I

- 1) Clasp Retained Partial Denture
- 2) Partially Edentulous Arches
- 3) Biomechanics of RPD
- 4) Connectors

v. Removable Partial Prosthodontics II

- 1) Rests and Rest Seats
- 2) Retainers
- 3) Denture Base Considerations

vi. Removable Partial Prosthodontics III

- 1) RPD Design
- 2) Surveying
- Management of Partially Dentate Patient

vii. Fixed Prosthodontics I

- 1) History and Examination
- 2) Treatment Planning
- 3) Principles of FPD

viii. Fixed Prosthodontics II

1) Crown Preparation

ix. Fixed Prosthodontics III

- 1) Tissue Management
- 2) Pontic Design

x. Implant Prosthodontics

- 1) Introduction
- 2) Osseointegration
- Management and Complications

xi. Defect Prosthodontics

- 1) Maxillofacial Prosthodontics
- b. The theory component is covered by three lectures per week in fourth (Final) year
- c. Implementation of curriculum is at the discretion of institute. Clerkships/ clinical rotations for 08 weeks' may be followed
- d. During their clinical rotation, students in small groups learn through practical chair side demonstrations of the techniques of primary impression making, border molding, secondary impression making, jaw relation record, investing, curing, finishing and polishing, denture try-in, denture insertion and clasp fabrication. They fabricate partial dentures for 12 patients and complete dentures for 8 patients.

4. Resources:

To be filled by each Institute

5. **Facilities:**

To be filled by each Institute

6. Course Administration

To be filled by each Institute

7. Students Assessment

- a. Minimum attendance of 75% is a requirement to appear in university professional examination.
- b. Continuous formative evaluation is conducted during the academic year comprising of 5 theory tests, and 2 clinical assessment tests (ward tests and Pre annual). The results are communicated to students through notice board. Feedback is provided after each evaluation.
- c. The weighting of internal assessment is 20% in 4th professional BDS Examination
- a. There will be two mid-term & term examinations followed by a pre-Annual and annual examinations each year.
- b. The structure of the paper of all the term examinations and pre-annual will be the same as that for annual examination though syllabus will be different.
- c. The structure of Mid-term exam will be half of the term exam.
- d. The syllabus for mid-term & term examinations will be announced by the department at least 02 weeks prior to examination.
- e. Pre-annual examination will be from whole syllabus.
- f. The date sheet for mid-term, term and pre-annual examinations will be published by Examination branch while the examinations will be conducted by respective department. The result will be submitted to examination branch for incorporation in internal assessment.
- g. The University shall take the 4th professional Examination at the end of the academic year. Annual Theory will be of 100 marks & Practical Examination will be of 200 marks. The pass score shall be 50% in theory and practical separately. However, in clinical subjects, student should pass in clinical exams / OSCE (with 50% marks) and unobserved stations (with 50% marks) separately

h. Log book

Each student is expected to maintain record of practical work in log book. Safe keeping (make copies) of the log book is the responsibility of each student. The log book must be submitted to the Prosthodontics department at the end of the academic year.

8. <u>Communication of Information to Students:</u> All information communicated to students through Notice boards.

<u>Prosthodontics – Learning Outcomes</u>

Theme/ Topic	Course Content		Learning Out	come	Educational	Weightings	Assessment
			the end of each mo	dule, student	Strategy		Tool
			Knowledge	Skill			
	1	1.	Complete Der	nture Prosthod	lontics-I		,
Systemic Health Aspects	Oral-systemic conditions that	•	Enumerate oral- systemic		Lecture/Self-	43.5%	MCQ/
and Nutritional	influence an		conditions that		directed		SAQ/SEQ
Considerations	adaptive		influence an		learning/		
	experience, Systemic lupous erythematosus,		adaptive prosthodontic experience Describe		Assignment	2	
	burning mouth syndrome, oral movement disorders, salivary dysfunction.	•	management of Systemic lupous erythematosus, burning mouth syndrome, oral movement disorders, salivary dysfunction. Explain nutritional guidelines for patients undergoing removable prosthodontic treatment Enlist risk factors for malnutrition in patients with dentures.	169			
Sequelae of	Direct and	•	Enlist direct and	Identify	Lecture/Case-		MCQ/SAQ/
wearing	indirect sequelae		indirect sequelae	manifestation of	based learning	g	SEQ;
complete dentures	caused by wearing removable prosthesis, • Traumatic ulcers • Denture irritation hyperplasia • Denture stomatitis • Kelly's	•	caused by wearing removable prosthesis Describe management of: Traumatic ulcers Denture irritation hyperplasia Denture stomatitis Kelly's syndrome	various sequelae in the oral cavity	Suscu icuming		313

	syndrome Residual ridge reduction Xerostomia Gag	 Residual ridge reduction Xerostomia Gag 	
Management	History taking, Treatment Planning and Improving Denture-Bearing Areas	 Describe management of abused oral tissues before fabrication of a new denture. Enlist objectives of pre-prosthetic surgical prescriptions Explain surgical correction of conditions that preclude optimal prosthetic function Describe management of denture bearing areas Record a thorough history of an edentulous patient. Perform extra-oral and intra-oral examination of an edentulous patient. Propose a treatment plan for an edentulous patient 	MCQ/SAQ/ SEQ; DOPS
	Additional Treatment Planning for Edentulous and Potentially Edentulous Patients (Overdentures, Immediate Dentures)	 Enlist patients' signs and symptoms that frequently preclude an adaptive complete denture experience Define overdentures Enlist advantages and disadvantages of overdentures Enumerate indications and contraindications for overdentures. Describe the criteria for selection of teeth as overdenture abutments Describe preparation of 	MCQ/SAQ/ SEQ

	1						
			overdenture abutments to				
			enhance				
			retention.				
		•	Describe long-				
			term				
			complications				
			associated with				
			overdenture				
			abutments.				
		•	Define immediate				
			dentures.				
		•	Differentiate			\ \ \\	
		•	between various			1) 1	
			types of				
			immediate		. (1)		
			dentures				
		•	Enumerate		\ \ V		
			advantages and	1			
			disadvantages of				
			immediate				
			denture				
			treatment				
		•	Enlist indications	100			
			and				
			contraindications				
			to immediate				
			denture				
			treatment				
		•	Describe				
			treatment				
			planning protocol				
			for providing an				
		1	immediate				
			denture				
		•	Describe				
			immediate and				
			long-term post-				
			operative care in				
			an immediate				
	Materials used in	•	denture case. Describe non-	Identify and	Lectures;		MCQ/SAQ/
	management of	•	elastic and elastic	manipulate			
	Edentulous		impression	various dental	Clinical		SEQ; DOPS
	patients		materials	materials used	demonstration		
	•	•	Describe	in fabrication of			
			disinfection	dentures			
			protocols for				
			various				
			impression				
			materials				
		•	Describe				
							

	polymeric denture base materials. Describe injection molding technique Explain significance of modified resin base materials Describe materials ved in the fabrication of prosthetic teeth Compare the properties of porcelain and resin teeth Describe denture lining materials Enlist indications of tissue conditioners Describe cast metal alloys used as denture base materials Describe various types of denture cleansers Describe adverse reactions to denture cleansers Enlist indications of fissue Conditioners Describe various types of denture cleansers Describe adverse reactions to denture cleansers Enlist indications and contraindications for denture adhesives. Describe adverse reactions to bescribe adverse reactions to bescribe adverse reactions for denture adhesives.	
8000	and contraindications for denture adhesives.	
Maxillary and mandibular substitutes for denture bearing area	Name maxillary and mandibular stress- bearing areas Describe the supporting Pecord primary impression of an learning/chair side learning/ side learning/	MCQ/SAQ/ SEQ; DOPS

Polished	Polished Surfaces,		and parts of a		maxillary	based		SEQ; DOPS
	Recording Jaw		denture		and			320, 30. 3
Surfaces	Relations and	•	Describe the		mandibular	learning/chair-		
	their Transfer to		method for		occlusal	side		
	an Articulator		fabrication of a		rims	learning/clinical		
			record base	•	Record jaw	demonstration		
		•	Define neutral		relation of			
			zone		an			
		•	Explain		edentulous 			
			significance of		patient			
			neutral zone in	•	Perform			
			complete dentures		articulation of occlusal		\ \\ \\	
					rims on a		1	
		•	Define jaw relations		semi-			
		•	Describe various		adjustable	. 0		
		•	methods used to		articulator			
			record vertical			V		
			and horizontal					
			jaw relations					
		•	Define vertical					
			dimension of					
			rest, vertical					
			dimension of					
			occlusion and					
			interocclusal					
			distance					
		•	Define centric					
			relation					
		•	Describe					
			significance of					
			centric relation in jaw relation					
		N	record					
			Enlist affects of					
			increased and					
			decreased					
			vertical					
			dimension of					
			occlusion					
		•	Classify					
			articulators					
		•	Enumerate					
			advantage and					
			disadvantages of					
			semi-adjustable					
		_	articulators					
		•	Differentiate between ARCON					
			and NON-ARCON					
			articulators					
		•	Describe					
		•	שכאנוואב					

Selection and Arrangement of Prosthetic teeth	The Occlusal Surfaces: Selection and Arrangement of Prosthetic teeth	programming of an articulator. Define facebow. Describe the procedure for recording orientation relation using a facebow. Enlist advantages and indications of facebow. Describe various theories for selection of artificial teeth Classify artificial teeth complete upper and lower tooth artificial teeth according to material and occlusal morphology Enlist landmarks for complete denture teeth setup or maxilla and mandible Describe posterior tooth setup for maxilla and mandible Describe posterior tooth setup for maxilla and mandible Explain various occlusal concepts for complete denture occlusion	MCQ/SAQ/ SEQ; DOPS
The Try-in Appointment	Steps involved in denture try-in	Describe the steps involved in denture try-in denture try-in Describe the steps involved in denture try-in denture try-in Describe the steps involved in on an edentulous patient Describe the steps involved in on an edentulous patient Describe the steps involved in on an edentulous patient learning/chair-side learning/clinical demonstration	MCQ/SAQ/ SEQ;DOPS
Prosthesis Insertion and Follow-up appointments	Protocol for denture insertion Pressure-indicating paste Occlusal equilibration using BULL rule	 Describe the protocol for denture insertion Enlist indications for use of pressure-indicating paste Perform insertion of a complete denture Instruct a patient about post- Lecture; case-based learning/chair-side Instruct a patient about post- 	MCQ/SAQ/ SEQ; DOPS

	protocol for		Describe various	insertion	demonstration		
	follow-up appointment for a complete denture	•	patterns observed while reading pressure-	care and handling			
	patient	•	indicating paste Enlist post- insertion instructions provided to patient about denture care				
		•	Describe occlusal equilibration using BULL rule Describe protocol for follow-up appointment for a complete denture patient			7,5/	
		3.	·	L ture Prosthodo	ontics-III		
						T	
Single Dentures	Single Dentures diagnosis and treatment planning, complications	•	Define a single denture Describe diagnosis and treatment planning for single dentures Describe possible complications associated with single dentures and their	169	based learning		MCQ/SAQ/ SEQ;
			management				
Life span of complete denture	Prolonging the useful life span of complete denture: Relines, Repairs and Duplications		Differentiate between relining and rebasing Enlist indications for relining and rebasing Describe clinical procedures for relining Describe the physical stages tissue conditioner goes through during setting Discuss materials available for relining and rebasing		Lecture; case- based learning		MCQ/SAQ/ SEQ;

	I		,				1
Speech Consideration with Complete Dentures	Prosthetic considerations in diagnosing and managing speech problems	•	Describe various procedures involved in denture repair Define copy dentures Describe the steps involved in fabrication of copy dentures Describe various sounds that may be affected by teeth position Describe prosthetic considerations in diagnosing and		Lecture; case- based learning	33	MCQ/SAQ/ SEQ;
			managing speech				
			problems	autal Durratis I			
		4	. Removable Pa	artiai Prosthodo	ontics-I		
Clasp-Retained	tooth-supported	•	Differentiate			25.5%	
Partial Denture	and tooth& tissue		between tooth-	100		23.3/0	
	supported partial		supported and	10			
	dentures		tooth& tissue				
			supported partial				
			dentures				
		•	Describe six				
			phases of partial				
			denture service				
		•	Enlist reasons of				
		1	failure of clasp-				
			retained partial dentures				
Partially	Classification of		Enumerate	Identify arches	Lecture; case-		MCQ/SAQ/
Edentulous	Partially		requirements of	according to			
Arches	Edentulous		an acceptable	Kennedy's	based learning		SEQ;
	Arches		classification	classification			
			method				
		•	Describe				
			Kennedy's				
			classification				
		•	Enlist Applegate's				
			rules				
		•	Describe advantages and				
			drawbacks of				
			Kennedy's				
			classification				
Biomechanics	Possible	•	Describe possible		Lecture		MCQ/SAQ/
of Removable	movements of a	L	movements of a				

Partial Denture	partial denture		partial denture			SEQ;
	and various		and various			7
	components that		components that			
	counter these		counter these			
	movements		movements.			
Connectors	Major and Minor	•	Describe		Lecture; case-	MCQ/SAQ/
	Connectors		principles for		based learning	SEQ;
			design and		based learning	SEQ;
			location of			
			connectors			
		•	Describe			
			indications,			
			contraindications			
			and			
			characteristics of			
			various maxillary			
			and mandibular			
			major connectors		1 / 1	
		•	Define minor			
			connectors			
		•	Describe	4		
			function, form			
			and location of			
			minor connectors			
		•	Define tissue	10		
			stops and their			
			functions			
		5.	Removable Pa	rtial Prosthodo	ntics-II	
Rests and Rest		•	Define rest and		Lecture; case-	MCQ/SAQ/
Seats			rest seat		hacad laarning	SEO.
		•	Classify rests		based learning	SEQ;
		•	Enlist advantages			
		N	of rests			
		•	Describe the			
			outline form of			
			an occlusal rest			
			and rest seat			
		•	Describe various			
			forms of rests in			
			detail			
Retainers	Direct Retainers	•	Define retainers		Lecture; case-	MCQ/SAQ/
		•	Classify direct		based learning	SEQ;
			retainers			7
		•	Describe factors			
			affecting amount			
			of retention			
		•	Describe basic			
			principles of clasp			
			design			
		•	Enlist indications			
			and			

			contraindications			
			for			
			circumferential			
			and bar clasps			
		•	Describe RPI and			
			RPA systems			
		•	Describe internal			
			attachments			
	Indirect Retainers	•	Define indirect		Lecture; case-	MCQ/SAQ/
			retainers			
		•	Describe factors		based learning	SEQ;
			that influence the			
			effectiveness of			
			indirect retainers			
		•	Describe auxiliary			
			functions of			
			indirect retainers			
		•	Describe various			
			forms of indirect			
			retainers			
Denture Base	Tooth-supported	•	Describe	4	Lecture; case-	 MCQ/SAQ/
Considerations	and tooth &		functions of		based learning	SEQ;
	tissue supported		tooth-supported		baseu learning	JLQ,
	denture bases		and tooth &			
			tissue supported	1		
			denture bases			
		•	Compare			
			advantages and			
			disadvantages of			
			metal and resin			
			denture bases			
		•	Describe			
			methods of			
			attaching			
			artificial teeth			
		•	Describe stress-			
			breakers			
		6.	Removable Pa	rtial Prosthodo	ntics-III	
Removable	Principles of	•	Describe the	Design a cast	Lecture; case-	MCQ/SAQ/
Partial Denture	Removable Partial		difference in	partial denture		
Design	Denture Design		prosthesis	for a partially	based	SEQ; DOPS
	V		support and	dentate patient	learning;	
			influence on	on model/cast	demonstration	
			design		uemonstration	
		•	Differentiate			
			between two			
			main types of			
			removable			
			partial denture			
Surveying	Surveying	•	Define surveying	Identify parts of	Lecture; case-	MCQ/SAQ/
		•	Differentiate	a surveyor		
		•	Differentiate	a surveyor		

Management Diagn	types of surveyor Enlist of surveyor Describe which of the pat placement removal tripodic types osis and types of surveyor Describe which of the pat placement removal tripodic types Enume	ors objectives eying oe factors determine ch of eent and oe ng and its rate • Re	based learning; demonstration ccord story of a based		MCQ/SAQ/ SEQ; DOPS
Plann	treatm Enlist ir for rem partial Enlist s involve diagnos patient Enlist a prostho treatm options	ent de ndications novable dentures teps din exisis of a codontic ent se factors fect esis diameter de ndications d	rmulate a eatment		
Mout	ration of h for vable Partial ires partial patient Describ surgica prepara remova partial patient Describ	pe oral I ation for able denture c oning of I and d oral	Lecture; case- based learning;		MCQ/SAQ/ SEQ;
		. Fixed Prostho	odontics-I		
and Clinic	ination Diagno for part dentate comple	odontic his stic Index pr tially fix e and pretely pa	ccord Lecture; case- story for a ospective led learning; Role osthesis itient play	20%	MCQ/SAQ/ SEQ;

		examination of a prospective fixed prosthesis patient	
Treatment Planning	 treatment options for: A single missing tooth Missing tooth with mesially tilted abutments Pier abutments Ante's Law factors which affect replacement of multiple missing teeth 	 Describe treatment options for: A single missing tooth Missing tooth with mesially tilted abutments Pier abutments Describe Ante's Law Describe factors which affect replacement of multiple missing teeth 	MCQ/SAQ/ SEQ;
Important principles	Various principles of Occlusion	 Describe Posselt's envelope of motion Enumerate the determinants of mandibular movement Describe various occlusal schemes for fixed prosthodontics 	MCQ/SAQ/ SEQ;
	Principles of Tooth Preparation	 Describe biological considerations of tooth preparation Describe mechanical considerations of tooth preparation Describe mechanical considerations of tooth preparation Describe advantages of supragingival margins Describe indications for subgingival margins 	MCQ/SAQ/ SEQ;

	 Compare different margin designs Describe esthetic considerations of tooth 				
		osthodontics_	 		
	o. Fixeu Fi	OSTITUTO ITTICS-	11		
The Complete Cast Crown Preparation The Metal - Ceramic Crown Preparation	 Enlist advantages, disadvantages, indications and contraindications of complete cast crown Describe steps of complete cast crown preparation Enlist advantages, disadvantages, indications and contraindications of metal-ceramic 	Perform complete cast crown preparation on a typodont. Perform metal- ceramic crown preparation on a typodont.	Lecture; Skill lab/Dental simulators Lecture; Skill lab/Dental simulators	25)	MCQ/SAQ/ SEQ; DOPS MCQ/SAQ/ SEQ; DOPS
The All - Ceramic Crown Preparation	crown Describe steps of metal-ceramic crown preparation Enlist advantages, disadvantages.	Perform all- ceramic crown and veneer	Lecture; Skill lab/Dental		MCQ/SAQ/ SEQ; DOPS
	indications and contraindications of all-ceramic crowns and veneers Describe steps of all-ceramic crown and veneer preparation	preparation on a typodont.	Simulators		
•		osthodontics-	ill .		
			l		NACC /S : S /
Tissue management and Impression making	 Describe various methods for isolation/saliva control Describe various methods for 		Lecture		MCQ/SAQ/ SEQ;
	The All - Ceramic Crown Preparation The All - Ceramic Crown Preparation Tissue management and Impression	different margin designs Describe esthetic considerations of tooth preparation 8. Fixed Pr The Complete Cast Crown Preparation Preparation The Metal - Ceramic Crown Preparation The Metal - Ceramic Crown Preparation The All - Ceramic Crown Preparation The All - Ceramic Crown Preparation The Seribe steps of metal-ceramic crown Describe steps of metal-ceramic crown and contraindications of all-ceramic crowns and veneers Describe steps of all-ceramic crown and veneers Describe steps of all-ceramic crown and veneer preparation Tissue management and Impression making Describe various Describe various Describe various Describe various	different margin designs Describe esthetic considerations of tooth preparation 8. Fixed Prosthodontics- Savantages, disadvantages, indications and contraindications of complete cast crown preparation The Metal-Ceramic Crown Preparation The Metal-Ceramic Crown Preparation The All - Ceramic Crown Preparation The Special Section of a stypodont. The All - Ceramic Crown Preparation The All - Ceramic Crown Preparation The All - Ceramic Preparation Tissue Preparation Tissue Preparation Describe various Preparation	different margin designs Describe esthetic considerations of tooth preparation 8. Fixed Prosthodontics-II The Complete Cast Crown Preparation Preparation 1. Enlist advantages, indications of complete cast crown Describe steps of complete cast crown preparation 1. Enlist advantages, disadvantages, indications and contraindications of complete cast crown preparation 2. Enlist advantages, disadvantages, disadvantages, indications and contraindications of metal-ceramic crown Preparation 3. Fixed Prosthodontics-II 4. Ecture; Skill lab/Dental simulators 4. Enlist deramic crown preparation on a typodont. 5. Enlist deramic crown preparation on a typodont. 6. Enlist deramic crown preparation on a typodont. 7. Enlist deramic crown preparation on a typodont. 8. Fixed Prosthodontics 1. Lecture; Skill lab/Dental simulators 2. Enlist deramic crown preparation on a typodont. 3. Enlist deramic crown preparation on a typodont. 4. Enlist deramic crown preparation on a typodont. 5. Enlist deramic crown preparation on a typodont. 6. Enlist deramic crown preparation on a typodont. 7. Enlist deramic crown preparation on a typodont. 8. Fixed Prosthodontics-III 8. Ecture; Skill lab/Dental simulators 1. Ecture; Skill lab/Dental simulators 2. Enlist deramic crown and veneer preparation on a typodont. 8. Fixed Prosthodontics-III 8. Describe various methods for isolation/saliva control on control preparation on a typodont.	different margin designs Describe esthetic considerations of tooth preparation 8. Fixed Prosthodontics-II The Complete Cast Crown Preparation Preparation Preparation Perform complete cast crown indications and contraindications of complete cast crown preparation Describe steps of complete cast crown preparation The Metal-ceramic Crown Preparation The All - Ceramic Crown Describe steps of metal-ceramic crown preparation The All - Ceramic Preparation The All - Ceramic Crown Preparation The All - Ceramic Preparat

		dianle comput of	
Fixed Prosthodontics	Pontic Design	displacement of gingival tissues Describe recommended disinfection methods according to impression materials Describe biologic, mechanical and esthetic considerations for successful pontic design Classify pontics Enlist indications, contraindications , advantages and disadvantages of various pontic designs	MCQ/SAQ/ SEQ;
		10.Implant Prosthodontics	
Introduction	Introduction to Dental Implantology	 Define dental implant Define components of a dental implant assembly Classify dental implants Enlist differences between teeth and implants 	MCQ/SAQ/ SEQ;
osseointegrati on	The Science of osseointegration	and implants Define osseointegration Describe factors that determine success and failure of osseointegration Describe Osseointegration	MCQ/SAQ/ SEQ;
Management/ Complications in Implant Prosthodontics	Fixed Full Arch Implant Supported Prostheses for Edentulous patient	 Describe treatment options for edentulous maxilla Describe treatment options for edentulous mandible 	MCQ/SAQ/ SEQ;

	Managing	•	Enlist possible		Lecture; case-		MCQ/SAQ/
	Problems and	•	problems and				
	Complications		complications		based		SEQ;
	Complications		associated with		learning;		
			dental implants		rearring,		
	Implant	•	Describe		Lecture;		MCQ/SAQ/
	overdentures	•	inclusion and		Lecture,		
	Overdentales		exclusion criteria				SEQ;
			for implant				
			treatment				
		•	Describe various				
			available implant				
			supported				
			overdenture			\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	,
			treatment				
			options				
		•	Enumerate				
			indications for		V		
			ball, magnetic				
			and bar				
			attachments	\$			
			11.Defect I	Prosthodontics			
Maxillofacial	Maxillofacial	•	Describe	100	Lecture; Case-	5%	MCQ/SAQ/
Prosthodontics	Prosthodontics for		prosthetic			370	
	Edentulous patient		considerations		based learning		SEQ;
			for edentulous				
			maxillofacial				
			prosthesis				
		•	Describe				
			Aramany's				
			classification for				
			partially				
			edentulous				
			maxillectomy				
			dental arches				
	1 2	•	Describe Cantor				
			and Curtis				
			classification for				
			partially				
			edentulous				
			mandibulectomy				
			dental arches Differentiate				
		•	between various				
			types of				
			maxillary				
			obturator				
			prosthesis				
		•	Describe				
			troubleshooting				
			an obturator for:				
			an obturator for:				

	 Lack of retention Nasal reflux Hypernasality Enlist types of soft palate prostheses Describe prosthodontic treatment considerations for irradiated edentulous and partially dentate patients 		
		1691	
80201			
			21