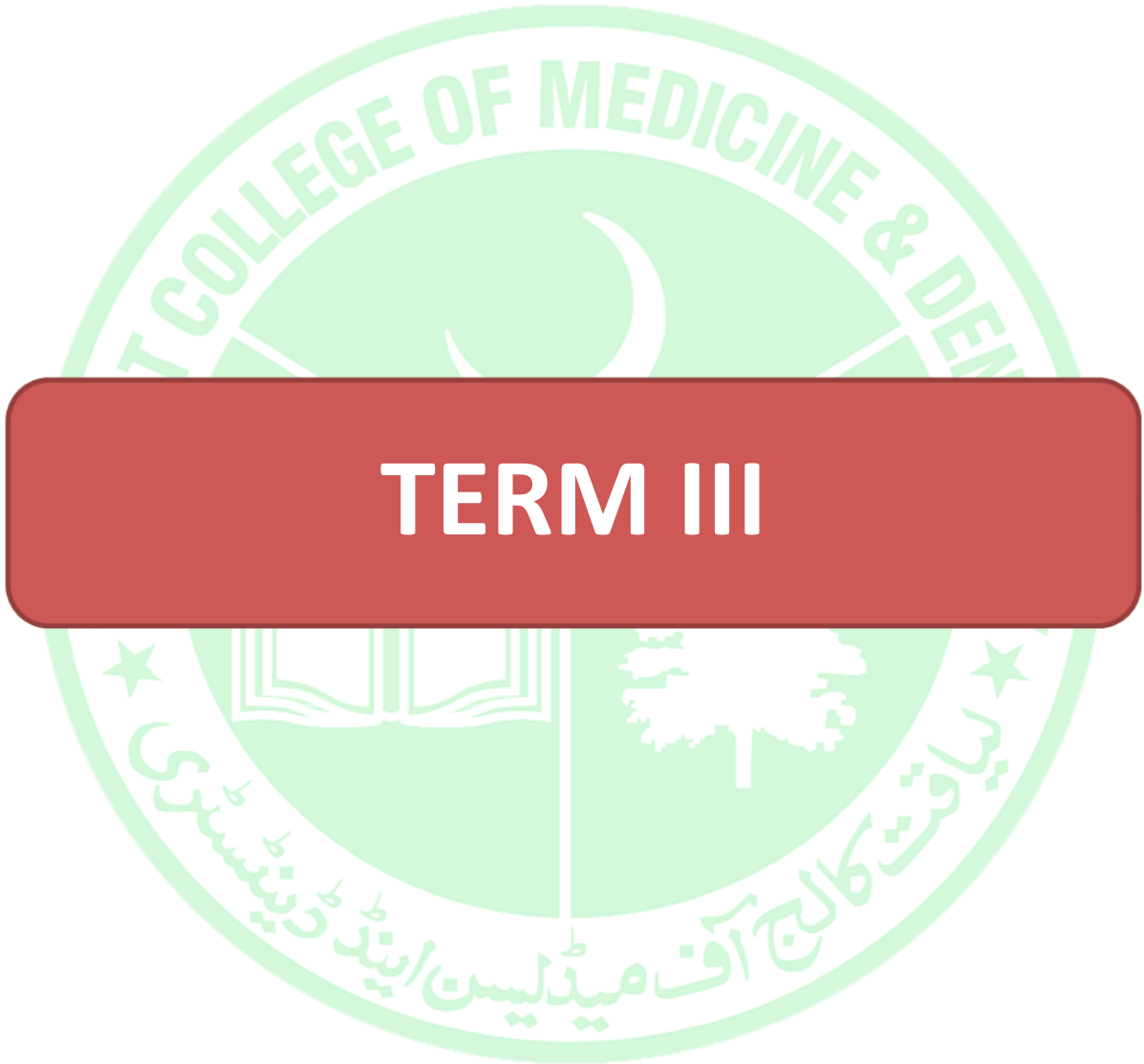




**LIAQUAT COLLEGE OF MEDICINE AND DENTISTRY**  
**DEPARTMENT OF HEALTH PROFESSIONS EDUCATION**  
**COLLEGE OF DENTISTRY**







**LIAQUAT COLLEGE OF MEDICINE AND DENTISTRY**  
**DEPARTMENT OF HEALTH PROFESSIONS EDUCATION**  
**COLLEGE OF DENTISTRY**



<b>COURSE TOPIC: INTRA CANAL MEDICAMENTS AND TEMPORARY FILLING MATERIALS</b>				
Lecture Topic	Learning Objectives	Mode of Teaching		Assessment Tools
		Lectures	Clinical	
Intra Canal Medicaments and Temporary Filling Materials	<ul style="list-style-type: none"> <li>➤ <b>List</b> different microorganisms involved in endodontic pathosis.</li> <li>➤ <b>Define</b> intra canal medicament.</li> <li>➤ <b>Discuss</b> the properties, role, method of application and instruments used in intra-canal, inter-appointment medicaments.</li> <li>➤ <b>Categorize</b> various agents used as intra-canal medicament.</li> <li>➤ <b>Describe</b> the method of application used in intra-canal medication.</li> <li>➤ <b>List</b> temporary filling materials</li> <li>➤ <b>Describe</b> techniques for placement and removal of temporary material.</li> </ul> <p><b>By the end of the Operative OPD rotation the student should be able to:</b></p> <ul style="list-style-type: none"> <li>➤ <b>Demonstrate</b> the placement of intracanal medicament inside the canal using appropriate instruments.</li> <li>➤ <b>Demonstrate</b> the placement and removal of temporary filling.</li> </ul>	Lecture (2)	Tutorial/ Small Group Discussion On patient	Class Test Class Participation Final Examination

<b>COURSE TOPIC: ISOLATION, ENDODONTIC ACCESS, AND LENGTH DETERMINATION</b>				
Lecture Topic	Learning Objectives	Mode of Teaching		Assessment Tools
		Lectures	Clinical	
Isolation	<ul style="list-style-type: none"> <li>➤ <b>Describe</b> various methods of isolation in endodontics with emphasis on rubber dam isolation.</li> </ul>	Lecture Clinical Teaching (5)		Class Test Quiz Class Participation Individual Assignment Final Examination OSATS
Endodontic Access Cavity Preparation	<ul style="list-style-type: none"> <li>➤ <b>Describe</b> the importance of preoperative assessment as prerequisite for treatment success.</li> <li>➤ <b>State</b> the importance of pre endodontic buildup.</li> <li>➤ <b>Describe</b> the objectives, general principles, the procedure, armamentarium and sequence for access cavity preparation</li> <li>➤ <b>Identify</b> errors during access cavity preparation.</li> <li>➤ <b>Explain</b> how to correct errors during access cavity preparation.</li> <li>➤ <b>Describe</b> technique for locating canal orifices</li> </ul>			
Working Length Determination	<ul style="list-style-type: none"> <li>➤ <b>Describe</b> average length and canal configuration of various teeth with reference to the laws of canal orifice location.</li> <li>➤ <b>Describe</b> various methods of working length determination.</li> </ul> <p><b>By the end of the Operative OPD rotation the student should be able to:</b></p> <ul style="list-style-type: none"> <li>➤ <b>Demonstrate</b> rubber dam application prior to endodontic treatment.</li> <li>➤ <b>Draw</b> outline of access cavity of given tooth.</li> <li>➤ <b>Prepare</b> access cavity on single rooted teeth (extracted teeth/patients).</li> <li>➤ <b>Determine</b> working length of single rooted teeth (extracted teeth/patients) with the help of radiograph &amp; apex location.</li> </ul>			





**LIAQUAT COLLEGE OF MEDICINE AND DENTISTRY**  
**DEPARTMENT OF HEALTH PROFESSIONS EDUCATION**  
**COLLEGE OF DENTISTRY**



COURSE TOPIC: ROOT CANAL OBTURATION				
Lecture Topic	Learning Objectives	Mode of Teaching		Assessment Tools
		Lectures	Clinical	
Root Canal Obturation	<ul style="list-style-type: none"> <li>➤ <b>Describe</b> the rationale of obturation.</li> <li>➤ <b>Give</b> reasons why inadequate obturation may result in treatment failure.</li> <li>➤ <b>Recognize</b> the clinical criteria that determine time of obturation.</li> <li>➤ <b>List</b> the properties of ideal core obturation material and sealers.</li> <li>➤ <b>Name</b> core obturation materials, sealer and obturation.</li> <li>➤ <b>Describe</b> the composition and properties of guttapercha.</li> <li>➤ <b>Write</b> down advantages and disadvantages of each core material.</li> <li>➤ <b>List</b> properties of ideal sealer.</li> <li>➤ <b>Justify</b> the need for using a sealer during obturation.</li> <li>➤ <b>Outline briefly</b> lateral condensation technique.</li> <li>➤ <b>Describe</b> briefly other techniques used for obturation.</li> <li>➤ <b>Discuss</b> the radiographic criteria for evaluating the quality of Obturation.</li> </ul> <p><b>By the end of the Operative OPD rotation the student should be able to:</b></p> <ul style="list-style-type: none"> <li>➤ <b>Perform</b> obturation of single rooted teeth (extracted teeth/patients) with cold lateral condensation method.</li> </ul>	Lecture (4)	<p>Tutorial/ Small Group Discussion</p> <p>On patient/ Extracted Tooth</p>	Quiz Class Participation Final Examination OSATS

COURSE TOPIC: TOOTH SURFACE LOSS				
Lecture Topic	Learning Objectives	Mode of Teaching		Assessment Tools
		Lectures	Clinical	
Tooth Surface Loss	<ul style="list-style-type: none"> <li>➤ <b>Define</b> the following types of tooth surface loss:               <ol style="list-style-type: none"> <li>i) Abrasion,</li> <li>ii) Attrition,</li> <li>iii) Erosion,</li> <li>iv) Abfraction.</li> </ol> </li> <li>➤ <b>State</b> the etiology of.               <ol style="list-style-type: none"> <li>i) Abrasion,</li> <li>ii) Attrition,</li> <li>iii) Erosion,</li> <li>iv) Abfraction.</li> </ol> </li> <li>➤ <b>Describe</b> the pathogenesis, prevention and management of tooth surface loss.</li> </ul>	Lecture (2) Flip Class Room (1)		Class Test Class Participation Final Examination



**LIAQUAT COLLEGE OF MEDICINE AND DENTISTRY**  
**DEPARTMENT OF HEALTH PROFESSIONS EDUCATION**  
**COLLEGE OF DENTISTRY**



Dentinal Hypersensitivity	<ul style="list-style-type: none"> <li>➤ <b>Define</b> dentinal hypersensitivity.</li> <li>➤ <b>List</b> etiology of dentinal hypersensitivity</li> <li>➤ <b>Explain</b> pathogenesis, prevention and management of dentine hypersensitivity.</li> </ul> <p><b>By the end of the Operative OPD rotation the student should be able to:</b></p> <ul style="list-style-type: none"> <li>➤ <b>Diagnose</b> case with tooth surface loss</li> <li>➤ <b>Formulate</b> treatment plan for patients having advanced tooth wear.</li> <li>➤ <b>Treat</b> the dentition with tooth surface loss.</li> <li>➤ <b>Manage</b> patient with tooth surface loss.</li> </ul>				<p>Tutorial/ Small Group Discussion</p> <p>On patient/ Simulated patient</p>
---------------------------	--	--	--	--	--

**COURSETOPIC: LONGITUDINAL TOOTH FRACTURES**

Lecture Topic	Learning Objectives	Mode of Teaching		Assessment Tools
		Lectures	Clinical	
Longitudinal Tooth Fractures	<ul style="list-style-type: none"> <li>➤ <b>Differentiate</b> among the following:               <ol style="list-style-type: none"> <li>i) Craze line,</li> <li>ii) Cusp fracture,</li> <li>iii) Cracked tooth,</li> <li>iv) Split tooth,</li> <li>v) Vertical root fracture.</li> </ol> </li> <li>➤ <b>List</b> the causes of various types of longitudinal tooth fracture. mentioned above.</li> <li>➤ <b>Describe</b> symptoms and clinical features of fracture tooth.</li> <li>➤ <b>Discuss</b> the treatment, prognosis and prevention of a crack/ fracture at various levels.</li> </ul> <p><b>By the end of the Operative OPD rotation the student should be able to:</b></p> <ul style="list-style-type: none"> <li>➤ <b>Diagnose</b> longitudinal tooth fractures in patients based on history, clinical and radiographic examination.</li> </ul>	Lecture (2)		Quiz Class Participation Final Examination Mini CEX / DOPS
			Tutorial/ Small Group Discussion (CBL)  On patient	

**COURSETOPIC: ENDODONTIC AND PERIODONTAL INTER RELATIONSHIP**

Lecture Topic	Learning Objectives	Mode of Teaching		Assessment Tools
		Lectures	Clinical	
Endodontic and Periodontal Inter Relationship	<ul style="list-style-type: none"> <li>➤ <b>Describe</b> possible paths of communication between pulpal and periodontal tissue.</li> <li>➤ <b>Classify</b> endodontic-periodontal lesions.</li> <li>➤ <b>Differentiate</b> between lesions of endodontic or periodontal origin based on clinical, radiographic and histopathological features.</li> <li>➤ <b>Justify</b> treatment options of endodontic and periodontal lesions.</li> </ul>	Lecture (1) Flip Class Room (1)		Quiz Class Participation Final Examination



**LIAQUAT COLLEGE OF MEDICINE AND DENTISTRY**  
**DEPARTMENT OF HEALTH PROFESSIONS EDUCATION**  
**COLLEGE OF DENTISTRY**



<b>COURSE TOPIC: DIRECT COMPOSITE RESTORATIONS</b>				
Lecture Topic	Learning Objectives	Mode of Teaching		Assessment Tools
		Lectures	Clinical	
Esthetic considerations	<ul style="list-style-type: none"> <li>➤ <b>Discuss</b> esthetic considerations in diagnosis and treatment planning</li> <li>➤ <b>Describe</b> different esthetic parameters to be taken into account before planning a restoration.</li> </ul>	Lecture		Quiz Class Participation Final Examination
Direct Anterior Composite Restorations  Class III & IV	<ul style="list-style-type: none"> <li>➤ <b>Discuss</b> the chemistry of anterior composites.</li> <li>➤ <b>List</b> factors influencing shade selection.</li> <li>➤ <b>Explain</b> guidelines for shade matching.</li> <li>➤ <b>Describe</b> various methods of shade selection.</li> <li>➤ <b>Outline</b> cavity preparation for class 3 &amp; 4 restorations.</li> <li>➤ <b>Discuss</b> importance of matrices and wedges in anterior restoration.</li> <li>➤ <b>Outline</b> composite placement technique for class 3 and 4 restorations.</li> <li>➤ <b>List</b> various type of matrices and wedges use for composite restoration.</li> <li>➤ <b>Discuss</b> different instruments used for finishing and polishing of composite restorations and their use</li> <li>➤ <b>By the end of the Operative OPD rotation the student should be able to:</b></li> <li>➤ <b>Perform</b> preoperative evaluation before placing an anterior composite restoration.</li> <li>➤ <b>Prepare</b> Class III and IV cavity for composite placement.</li> <li>➤ <b>Demonstrate</b> placement of appropriate matrix and wedges on patients when restoring teeth with composite.</li> <li>➤ <b>Demonstrate</b> placement of composite resin in the prepared cavity.</li> <li>➤ <b>Perform</b> finishing and polishing of composite restorations</li> </ul>	(6)	Tutorial/ Small Group Discussion  On patient	OSATS
Composite veneers	<ul style="list-style-type: none"> <li>➤ <b>List</b> indications, contraindications, advantages and disadvantages of direct composite veneers.</li> <li>➤ <b>List</b> clinical steps for placing direct resin composites veneer.</li> <li>➤ <b>Explain</b> the technique for diastema closure with direct composite.</li> <li>➤ <b>Enumerate</b> different instruments used for finishing and polishing of composite veneers and their use.</li> </ul>			
Direct Posterior Composite Restorations  Class I,II &VI	<ul style="list-style-type: none"> <li>➤ <b>Discuss</b> indications, contraindications, advantages and disadvantages of composite resin as a posterior restorative material.</li> <li>➤ <b>Describe</b> preoperative evaluation for a posterior composite restoration.</li> <li>➤ <b>Outline</b> features of a class 1 and 2 cavity for composite restoration.</li> <li>➤ <b>Justify</b> the need for of pre-wedging in class 2 composites.</li> <li>➤ <b>Explain</b> bonded base technique.</li> </ul>	Lecture		Quiz Class Participation Final Examination



# LIAQUAT COLLEGE OF MEDICINE AND DENTISTRY

## DEPARTMENT OF HEALTH PROFESSIONS EDUCATION

### COLLEGE OF DENTISTRY



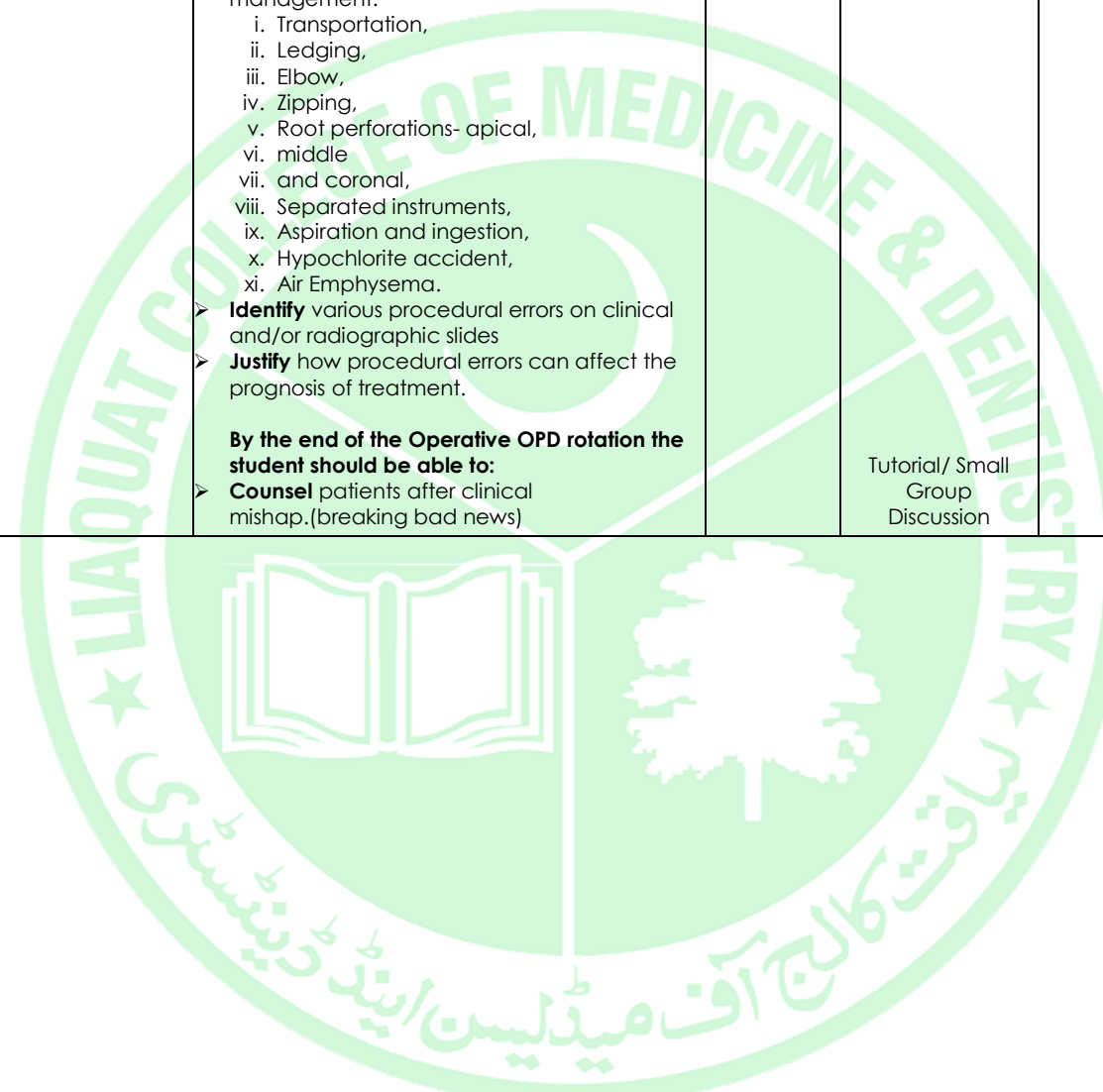
	<ul style="list-style-type: none"> <li>➤ <b>Describe</b> for composite restorations:             <ol style="list-style-type: none"> <li>I. Box only preparation,</li> <li>II. Tunnel preparation,</li> <li>III. Slot preparation.</li> </ol> </li> <li>➤ <b>Classify</b> matrix systems available for composite restorations.</li> <li>➤ <b>Compare</b> circumferential and sectional matrix systems.</li> <li>➤ <b>Outline</b> placement technique of class I and II cavity for composite restoration</li> <li>➤ <b>Justify</b> different methods to minimize polymerization shrinkage when placing composite.</li> <li>➤ <b>List</b> different methods to create a tight contact for class 2 composite restorations.</li> <li>➤ <b>List</b> various resin polymerization equipment.</li> <li>➤ <b>Summarize</b> other cavity preparation designs e.g. box only preparation, tunnel preparation.</li> <li>➤ <b>Describe</b> cavity preparation and restoration of a class 6 lesion</li> </ul> <p><b>By the end of the Operative OPD rotation the student should be able to:</b></p> <ul style="list-style-type: none"> <li>➤ <b>Perform</b> preoperative evaluation for a posterior composite restoration.</li> <li>➤ <b>Prepare</b> Class I, II and VI cavity preparation for composite restorations.</li> <li>➤ <b>Perform</b> placement of appropriate matrix and wedges on patients when restoring teeth with composite.</li> <li>➤ <b>Demonstrate</b> placement of composite resin in the prepared cavity.</li> <li>➤ <b>Perform</b> finishing and polishing of composite restorations</li> </ul>		<p style="text-align: center;">Tutorial/ Small Group Discussion</p> <p style="text-align: center;">On patient</p>	<p style="text-align: center;">OSATS</p>
Fissure sealants	<ul style="list-style-type: none"> <li>➤ <b>Discuss</b> indications, contraindications of fissure sealants.</li> <li>➤ <b>List</b> factors affecting retention of fissure sealants.</li> <li>➤ <b>Describe</b> placement technique for fissure sealants.</li> </ul> <p><b>By the end of the Operative OPD rotation the student should be able to:</b></p> <ul style="list-style-type: none"> <li>➤ <b>Place</b> fissure sealant on extracted tooth and on patients.</li> </ul>		<p style="text-align: center;">Extracted Tooth/On patient</p>	
Preventive resin restoration	<ul style="list-style-type: none"> <li>➤ <b>Discuss</b> indications and advantages of preventive resin restoration.</li> <li>➤ <b>Outline</b> placement technique of preventive resin restoration</li> </ul> <p><b>By the end of the Operative OPD rotation the student should be able to:</b></p> <ul style="list-style-type: none"> <li>➤ <b>Place</b> preventive resin restoration on extracted tooth and on patients.</li> </ul>		<p style="text-align: center;">Extracted Tooth/On patient</p>	



**LIAQUAT COLLEGE OF MEDICINE AND DENTISTRY**  
**DEPARTMENT OF HEALTH PROFESSIONS EDUCATION**  
**COLLEGE OF DENTISTRY**



COURSE TOPIC: PROCEDURAL ACCIDENTS				
Lecture Topic	Learning Objectives	Mode of Teaching		Assessment Tools
		Lectures	Clinical	
Procedural Accidents	<ul style="list-style-type: none"> <li>➤ <b>Describe</b> causes, prevention and treatment of procedural accidents during :               <ul style="list-style-type: none"> <li>i) Access cavity preparation,</li> <li>ii) Cleaning and shaping,</li> <li>iii) Obturation.</li> </ul> </li> <li>➤ <b>Describe</b> the following errors including their management:               <ul style="list-style-type: none"> <li>i. Transportation,</li> <li>ii. Ledging,</li> <li>iii. Elbow,</li> <li>iv. Zipping,</li> <li>v. Root perforations- apical,</li> <li>vi. middle</li> <li>vii. and coronal,</li> <li>viii. Separated instruments,</li> <li>ix. Aspiration and ingestion,</li> <li>x. Hypochlorite accident,</li> <li>xi. Air Emphysema.</li> </ul> </li> <li>➤ <b>Identify</b> various procedural errors on clinical and/or radiographic slides</li> <li>➤ <b>Justify</b> how procedural errors can affect the prognosis of treatment.</li> </ul> <p><b>By the end of the Operative OPD rotation the student should be able to:</b></p> <ul style="list-style-type: none"> <li>➤ <b>Counsel</b> patients after clinical mishap.(breaking bad news)</li> </ul>	Lecture (3)		Class Test Class Participation Individual Assignment Final Examination
			Tutorial/ Small Group Discussion	





## ORAL SURGERY

### COURSE TOPIC: PRE-PROSTHETIC AND IMPLANT SURGERY

Lecture Topic	Learning Objectives	Mode of Teaching		Assessment Tools
		Lectures	Clinical	
<b>Preprosthetic Surgery</b>	<ol style="list-style-type: none"> <li>1. <b>Define</b> the objectives of pre prosthetic surgery</li> <li>2. <b>Outline</b> principles of patient evaluation and treatment planning</li> <li>3. <b>Describe</b> different procedure including:               <ol style="list-style-type: none"> <li>i) recontouring of alveolar ridges</li> <li>ii) tori removal</li> <li>iii) soft tissue abnormality correction</li> <li>iv) over denture surgery</li> <li>v) soft tissue surgery for ridge extension of the mandible</li> </ol> </li> <li>4. <b>Define</b> immediate dentures</li> <li>5. <b>Explain:</b> <ol style="list-style-type: none"> <li>i) mandibular augmentation</li> <li>ii) maxillary augmentation</li> <li>iii) procedure for correction of abnormal ridge relationships</li> </ol> </li> </ol>	Lecture(3)	Practical demonstration during surgical rotation	Any one form of assessment - Quiz - Class Test - Class Participation - Individual - Assignment Group Test

### COURSE TOPIC : ORAL AND MAXILLOFACIAL TRAUMA

Lecture Topic	Learning Objectives	Mode of Teaching		Assessment Tools
		Lectures	Clinical	
<b>Management of facial fractures</b> <b>Segment 1:</b> BLS and ATLS.	<ol style="list-style-type: none"> <li>1. <b>Evaluate</b> patients with facial trauma</li> <li>2. <b>Demonstrate</b> BLS &amp; ATLS</li> <li>3. <b>Describe</b> ABCDE</li> </ol>	Lecture(1)	Practical demonstration during surgical rotation	Any one form of assessment - Quiz - Class Test - Class Participation - Individual - Assignment - Group Test - OSATS
<b>Soft tissue and dentoalveolar injury:</b> <b>Segment 1:</b> Traumatic injuries of teeth	<ol style="list-style-type: none"> <li>1. <b>Describe:</b> <ol style="list-style-type: none"> <li>i) soft tissue injuries</li> <li>ii) dentoalveolar injuries</li> </ol> </li> </ol>	Lecture(2)	Practical demonstration during surgical rotation	- Class Participation - Individual - Assignment - Group Test - OSATS
<b>Segment 2:</b> Management of soft tissue injuries.		Lecture(2)		
<b>Management of facial fractures</b> <b>Segment 2:</b> Management of mandibular fractures	<ol style="list-style-type: none"> <li>1. <b>Outline</b> causes, classification, sign &amp; symptoms &amp; Management of mandibular fractures</li> <li>2. <b>Identify</b> complication of mandibular fracture</li> </ol>	Lecture(4)		



**LIAQUAT COLLEGE OF MEDICINE AND DENTISTRY**  
**DEPARTMENT OF HEALTH PROFESSIONS EDUCATION**  
**COLLEGE OF DENTISTRY**



COURSE TOPIC: TEMPOROMANDIBULAR AND OTHER FACIAL PAIN DISORDERS				
Lecture Topic	Learning Objectives	Mode of Teaching		Assessment Tools
		Lectures	Clinical	
<b>Facial Neuropathology</b> <b>Segment 1:</b> Diagnosis and management of Orofacial pain	1. <b>Enlist</b> different type of orofacial pain 2. <b>Explain:</b> i) Basics of pain neurophysiology ii) neuropathic facial pains iii) Chronic headache iv) other Chronic headache of dental interest	Lecture(1)	Practical demonstration during surgical rotation	Any one form of assessment - Quiz - Class Test - Class Participation - Individual - Assignment - Group Test - OSATS
<b>Segment 2:</b> Clinical evaluation and management of trigeminal neuralgia.	1. <b>Identify</b> patient with trigeminal neuralgia 2. <b>List</b> sign & symptoms of TN 3. <b>Take</b> complete history 4. <b>Diagnose</b> patient with TN 5. <b>Compare</b> treatment options for TN 6. <b>Enlist</b> complication for each treatment option	Lecture(1)		

COURSE TOPIC: TEMPOROMANDIBULAR AND OTHER FACIAL PAIN DISORDERS				
Lecture Topic	Learning Objectives	Mode of Teaching		Assessment Tools
		Lectures	Clinical	
<b>Segment 3:</b> Diagnosis and management of facial palsy.	1. <b>Enlist</b> different causes of facial nerve pathology 2. <b>Describe</b> management for facial palsy <b>By the end of the Oral Surgery OPD rotation the student should be able to do:</b> 1. <b>Take</b> comprehensive history of the patient present in the OPD with facial pain 2. <b>Classify</b> different types of facial pain 3. <b>Identify</b> the cause of facial pain (CBL) (OSCE). 4. <b>Perform</b> cranial nerves examination (CLINICAL / OSCE)	Lecture(1)	Practical demonstration during surgical rotation	Any one form of assessment - Quiz - Class Test - Class Participation - Individual - Assignment - Group Test



**LIAQUAT COLLEGE OF MEDICINE AND DENTISTRY**  
**DEPARTMENT OF HEALTH PROFESSIONS EDUCATION**  
**COLLEGE OF DENTISTRY**



COURSE TOPIC: PRINCIPLES OF SURGERY				
Lecture Topic	Learning Objectives	Mode of Teaching		Assessment Tools
		lectures	clinical	
<b>Management of patient undergoing radiotherapy or chemotherapy</b>	1. <b>Outline</b> dental management of patients undergoing radiotherapy of head and neck region <b>List</b> types of radiation therapy 2. <b>Identify</b> indication & contraindication of radio & chemotherapy 3. <b>Explain</b> dental management of patients on systemic chemotherapy for malignant disease. 4. <b>List</b> complication of radiotherapy & chemotherapy 5. <b>Define</b> Osteoradionecrosis 6. <b>Discuss</b> pathophysiology of ORN 7. <b>Describe</b> management protocol of ORN	Lecture(2)		Any one form of assessment - Quiz - Class Test - Class Participation - Individual - Assignment Group Test

COURSE TOPIC: INFECTIONS				
Lecture Topic	Learning Objectives	Mode of Teaching		Assessment Tools
		Lectures	Clinical	
<b>Principles of Endodontic Surgery</b>	1. <b>Describe</b> the techniques of drainage of an abscess (RCT, I&D) 2. <b>Define:</b> i) Periapical surgery and its indications, contraindications, and surgical procedure. ii) Corrective surgery and its indications, contraindications, considerations, and surgical procedure. 3. <b>Describe</b> i) Healing of periapical pathology ii) Adjunct method (GTR, fiberoptics, bone augmentation) 4. <b>Make</b> referral when needed	Lecture(2)	Practical demonstration during surgical rotation	Any one form of assessment - Quiz - Class Test - Class Participation - Individual - Assignment Group Test



**ORTHODONTICS**

<b>COURSE TOPIC: BIOLOGY OF TOOTH MOVEMENT</b>				
Lecture topic	Topic objectives	Mode of teaching		Assessment Tool
Normal structures responsible for tooth movement	By the end of lecture student will be able to:  1. <b>Analyze</b> normal structure and function of periodontal ligament and bone  2. <b>Specify</b> the role of bone in the physiological process of eruption and stabilization  3. <b>Explain</b> the effects of orthodontic force over periodontium  4. <b>Enumerate</b> all the factors affecting tooth movement	Lecture	Lecture and small group discussions	<ul style="list-style-type: none"> <li>• BCQ</li> <li>• Viva</li> <li>• OSPE</li> </ul>
Effects of orthodontic force				
Cellular events associated with orthodontic force				
Theories of tooth movement				
Eruption theories				

<b>COURSE TOPIC: ERUPTION THEORIES</b>				
Lecture topic	Topic objectives	Mode of teaching		Assessment Tool
Basic concepts and Definitions	By the end of lecture student will be able to:  1. <b>Classify</b> different eruption theories.  2. <b>Describe</b> different eruption theories.	Lecture	Lecture and Small Group Discussion	<ul style="list-style-type: none"> <li>• VIVA</li> <li>• BCQ</li> <li>• OSPE</li> </ul>

<b>COURSE TOPIC: MECHANICS OF TOOTH MOVEMENT</b>				
Lecture topic	Topic objectives	Mode of teaching		Assessment Tool
Basic concepts of Force, moment, moment arm and couple	By the end of lecture student will be able to:  1. <b>Summarize</b> the structure and function of PDL.  2. <b>Classify</b> various types of wires and alloys used in orthodontics on the basis of material	Lecture	Lecture and small group discussions	<ul style="list-style-type: none"> <li>• BCQ</li> <li>• OSPE</li> <li>• Viva</li> </ul>
Center of resistance				



**LIAQUAT COLLEGE OF MEDICINE AND DENTISTRY**  
**DEPARTMENT OF HEALTH PROFESSIONS EDUCATION**  
**COLLEGE OF DENTISTRY**



Center of rotation	3. <b>Compare</b> different types of alloys used in orthodontic brackets and wires.			
Orthodontic Materials	4. <b>List</b> the orthodontic arch wire materials 5. <b>Discuss</b> the ideal properties of orthodontic wires			
Effects of force and its effects on periodontium.	6. <b>Outline</b> the effects of different orthodontic forces on tooth. 7. <b>State</b> the deleterious effects of orthodontic treatment			

**COURSE TOPIC: THEORIES OF TOOTH MOVEMENT**

Lecture topic	Topic objectives	Mode of teaching		Assessment Tool
Basic concepts and Definitions	By the end of lecture student will be able to:  1. <b>Classify</b> different theories. 2. <b>Describe</b> different theories of tooth movement <ul style="list-style-type: none"> <li>• Pressure Tension theory</li> <li>• Fluid dynamic theory</li> <li>• Bone bending theory</li> </ul>	Lecture	Flipped classroom	<ul style="list-style-type: none"> <li>• VIVA</li> <li>• BCQ</li> <li>• OSPE</li> </ul>

**COURSE TOPIC: ETIOLOGY OF MALOCCLUSION**

Lecture topic	Topic objectives	Mode of teaching		Assessment Tool
Specific factors causing malocclusion	By the end of lecture student will be able to:  1. <b>Define</b> i) Cross bite ii) Rotations iii) Labioversion iv) Transposition v) Linguoversion vi) Torsiversion vii) Mesioversion	Lecture	Lecture and small group discussions	<ul style="list-style-type: none"> <li>• BCQ's</li> <li>• VIVA</li> <li>• OSPE</li> </ul>
General factors causing malocclusion				



**LIAQUAT COLLEGE OF MEDICINE AND DENTISTRY**  
**DEPARTMENT OF HEALTH PROFESSIONS EDUCATION**  
**COLLEGE OF DENTISTRY**



Local factors causing malocclusion	<p style="text-align: center;">viii) Distorsion.</p> <ol style="list-style-type: none"><li>2. <b>Describe</b> the role and effect of Para functional habits in the development of malocclusion</li><li>3. <b>Explain</b> the local, general and environmental factors leading to malocclusion</li><li>4. <b>Classify</b> malocclusion according to Angle's, Moyer's, Ackerman Proffit's and Andrew's classification.</li><li>5. <b>Discuss</b> the following syndromes/conditions:<ol style="list-style-type: none"><li>1. - Treacher-Collins;</li><li>2. - Pierre-Robin Syndrome;</li><li>3. - Ectodermal Dysplasia;</li><li>4. - Down's Syndrome;</li><li>5. - Cleido-cranial Dysplasia;</li><li>6. - Hemifacial Microsomia;</li><li>7. - Achondroplasia.</li><li>8. - Crouzon and Apert Syndrome</li><li>9. - Fetal alcohol syndrome</li></ol></li></ol>			
Environmental factors causing malocclusion				



**LIAQUAT COLLEGE OF MEDICINE AND DENTISTRY**  
**DEPARTMENT OF HEALTH PROFESSIONS EDUCATION**  
**COLLEGE OF DENTISTRY**



<b>COURSE TOPIC: SPACE MANAGEMENT</b>				
<b>Lecture topic</b>	<b>Topic objectives</b>	<b>Mode of teaching</b>		<b>Assessment Tool</b>
Space Management	<p>By the end of lecture student will be able to:</p> <ol style="list-style-type: none"> <li>1. <b>Define</b> space maintainer</li> <li>2. <b>Enlist</b> the types of space maintainers</li> <li>3. <b>Outline</b> the indications of different space maintainers</li> <li>4. <b>Discuss</b> the indications of space supervision.</li> <li>5. <b>Discuss</b> the indications of space regaining.</li> <li>6. <b>Compare</b> the indications and contra indications of space maintenance, space supervision and space regaining.</li> <li>7. <b>Discuss</b> serial extractions.</li> <li>8. <b>Discuss</b> the indications of serial extractions and its different methods.</li> <li>9. <b>Discuss</b> the management of habits leading to orthodontic problems</li> </ol>	Lecture	Lecture and small group discussions	<ul style="list-style-type: none"> <li>• BCQ</li> <li>• VIVA</li> <li>• OSPE</li> </ul>

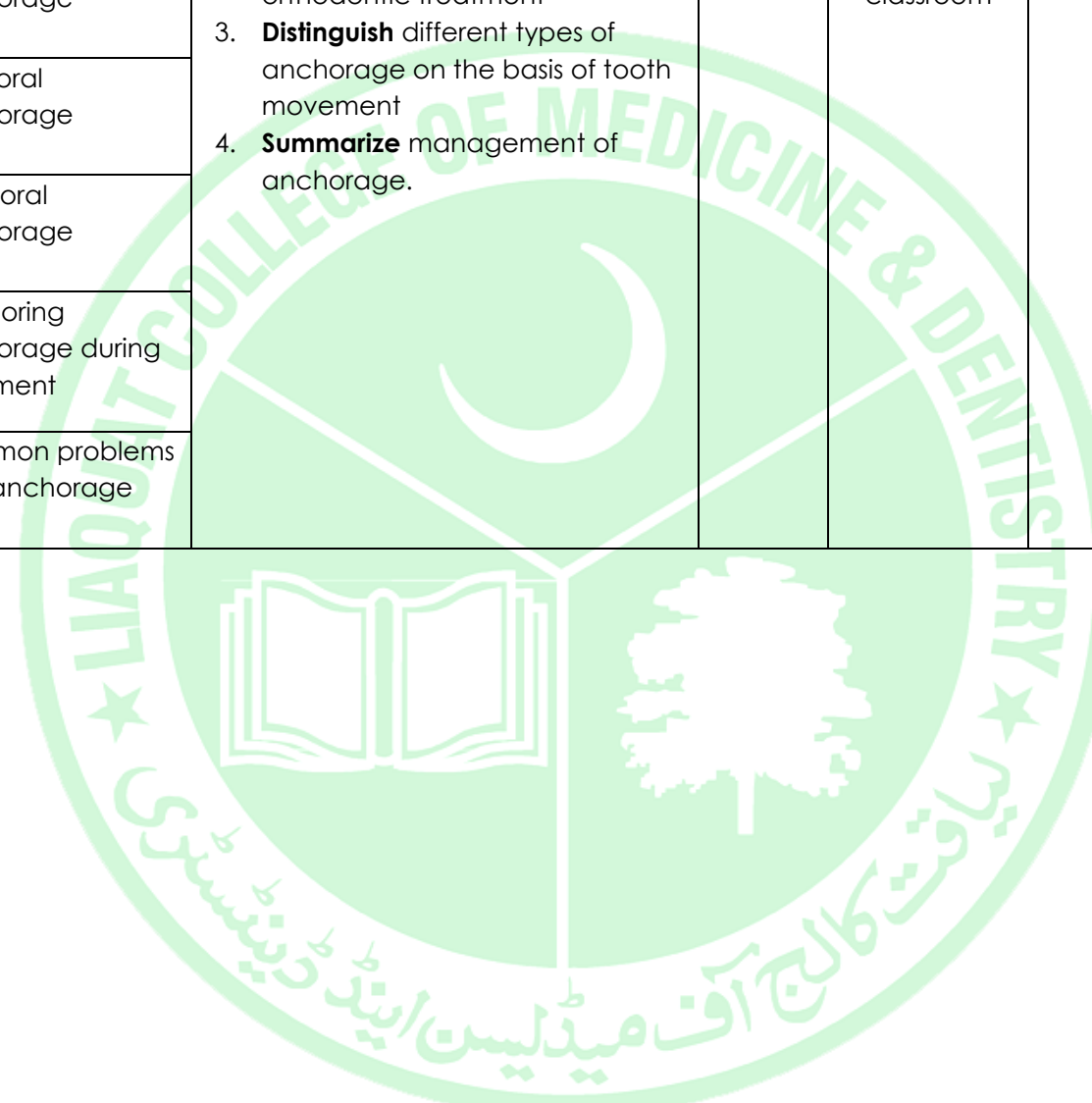
<b>COURSE TOPIC: TOOTH MASS AND SIZE ANALYSIS</b>				
<b>Lecture topic</b>	<b>Topic objectives</b>	<b>Mode of teaching</b>		<b>Assessment Tool</b>
Cast analysis and space analysis of mixed dentition	<p>By the end of lecture and demo in OPD student will be able to:</p> <ol style="list-style-type: none"> <li>1. <b>Determine</b> tooth size discrepancies on 5 models.</li> <li>2. <b>Perform</b> cast, space, Bolton &amp; mixed dentition analysis on 5 models.</li> </ol>	Lecture	<p>Lecture, Demonstration on cast in OPD</p> <p>Flipped classroom</p>	<ul style="list-style-type: none"> <li>• BCQ</li> <li>• VIVA</li> <li>• OSPE</li> </ul>



**LIAQUAT COLLEGE OF MEDICINE AND DENTISTRY**  
**DEPARTMENT OF HEALTH PROFESSIONS EDUCATION**  
**COLLEGE OF DENTISTRY**



COURSE TOPIC: ANCHORAGE IN ORTHODONTICS				
Lecture topic	Topic objectives	Mode of teaching		Assessment Tool
Assessing anchorage requirements	By the end of lecture student will be able to: <ol style="list-style-type: none"> <li>1. <b>Define</b> Anchorage</li> <li>2. <b>Explain</b> the role of anchorage in orthodontic treatment</li> <li>3. <b>Distinguish</b> different types of anchorage on the basis of tooth movement</li> <li>4. <b>Summarize</b> management of anchorage.</li> </ol>	Lecture	Lecture and small group discussions  Flipped classroom	<ul style="list-style-type: none"> <li>• BCQ's</li> <li>• OSPE</li> <li>• Viva</li> </ul>
Classification of anchorage				
Intra-oral anchorage				
Extra-oral anchorage				
Monitoring anchorage during treatment				
Common problems with anchorage				





**LIAQUAT COLLEGE OF MEDICINE AND DENTISTRY**  
**DEPARTMENT OF HEALTH PROFESSIONS EDUCATION**  
**COLLEGE OF DENTISTRY**



<b>ADULT ORTHODONTICS AND PERIODONTAL CONSIDERATIONS</b>				
Lecture topic	Topic objectives	Mode of teaching		Assessment Tool
<p>Introduction and etiology of cleft lip and palate</p> <p>Anatomy of Periodontal Structures</p> <p>Etiology and Clinical Features of Periodontal Diseases</p> <p>Minor adjunctive Procedures in Orthodontics Clear aligner therapy</p> <p>Orthodontic management of Periodontal diseases</p>	<p>By the end of lecture student will be able to:</p> <ol style="list-style-type: none"> <li>1. <b>Discuss</b> anatomy, etiology, clinical features of periodontal diseases.</li> <li>2. <b>Classify</b> periodontal diseases.</li> <li>3. <b>Discuss</b> role of orthodontist in management of periodontal Diseases</li> </ol>	<p>Lecture</p>	<p>Lecture and small group discussions</p> <p>Flipped classroom</p>	<ul style="list-style-type: none"> <li>• BCQ</li> <li>• VIVA</li> <li>• OSPE</li> </ul>



PROSTHODONTICS				
COURSE TOPIC: COMPLETE DENTURE				
Lecture Topic	Learning Objectives	Mode of Teaching		Assessment Tools
		Lectures	Clinical	
Denture processing	<ol style="list-style-type: none"> <li>1. <b>List</b> denture base material</li> <li>2. <b>Discuss</b> the laboratory steps of fabrication of complete dentures and perform them in practicals.               <ol style="list-style-type: none"> <li>i) Flasking/investing</li> <li>ii) Dewaxing</li> <li>iii) Trial packing of acrylic resin</li> <li>iv) Final closure and bench curing</li> <li>v) Deflasking</li> <li>vi) Remounting</li> <li>vii) Laboratory remounting</li> <li>viii) Finishing and polishing</li> </ol> </li> <li>3. <b>Discuss</b> denture defects               <ol style="list-style-type: none"> <li>i) Porosity</li> <li>ii) Crazeing</li> <li>iii) Warpage</li> <li>iv) Fracture</li> <li>v) soaking</li> </ol> </li> <li>4. <b>Define</b> remount record index</li> </ol>	Lecture Videos  Flipped class	Practical	Class Participation  Term and final examination
Denture placement and patient education	<ol style="list-style-type: none"> <li>1. <b>Discuss</b> causes of denture errors</li> <li>2. <b>Describe</b> denture insertion and evaluation procedure</li> <li>3. <b>Explain</b> evaluation of the processing</li> <li>4. <b>Describe</b> evaluation of fit and comfort</li> <li>5. <b>Discuss</b> evaluation of retention stability and support</li> <li>6. <b>Discuss</b> <ol style="list-style-type: none"> <li>i) Evaluation of occlusion</li> <li>ii) Evaluation of esthetic</li> <li>iii) Evaluation of jaw relation</li> <li>iv) Evaluation of speech</li> </ol> </li> <li>7. <b>Discuss</b> instruction and education of a new denture wear</li> </ol>	Lecture	Practical	Class Participation  Term and final examination
Post placement phase	<ol style="list-style-type: none"> <li>1. <b>Describe</b> causes of denture failure</li> <li>2. <b>Discuss</b> possible complaints of a</li> </ol>	Lecture Videos		Class Participation



**LIAQUAT COLLEGE OF MEDICINE AND DENTISTRY**  
**DEPARTMENT OF HEALTH PROFESSIONS EDUCATION**  
**COLLEGE OF DENTISTRY**



	<p>newly delivered denture</p> <ol style="list-style-type: none"> <li>3. <b>Discuss</b> instruction regarding insertion and removal of prosthesis</li> <li>4. <b>Discuss</b> maintenance of the prosthesis</li> <li>5. <b>Describe</b> periodic recall of patient after delivery of complete dentures.</li> </ol>			Term and final examination
Post Insertion Complain/ Sequelae of complete denture insertion	<p><b>Discuss</b> post insertion complains:</p> <ol style="list-style-type: none"> <li>i. Related to fitting surface</li> <li>ii. Related to esthetics</li> <li>iii. Related to occlusal surface</li> <li>iv. Pain</li> <li>v. Discomfort</li> <li>vi. Mastication problem</li> <li>vii. Ulcers</li> </ol>	Lecture	Tutorial CBL	Class Participation  Term and final examination
Immediate Dentures And Replacement Dentures	<ul style="list-style-type: none"> <li>• <b>Define</b> immediate dentures and replacement dentures</li> <li>• <b>Discuss</b> classification and types of immediate dentures</li> <li>• <b>Discuss</b> Indications and contraindications</li> <li>• <b>List</b> clinical and laboratory procedures</li> <li>• <b>Discuss</b> multidisciplinary approach including care during surgery</li> <li>• <b>Discuss</b> Insertion and follow up &amp; maintenance</li> </ul>	Lecture	Practical CBL	Class Participation  Term and final examination
Single Complete Denture	<ul style="list-style-type: none"> <li>• <b>Define</b> single complete denture</li> <li>• <b>List</b> problems with single complete denture</li> <li>• <b>Discuss</b> common occlusal disharmonies and ways to adjust them.</li> <li>• <b>Discuss</b> single complete denture opposing natural teeth</li> <li>• <b>Discuss</b> single complete denture opposing RPD &amp; FPD</li> <li>• <b>Discuss</b> implant supported prosthesis</li> <li>• <b>Discuss</b> methods to achieve balanced occlusion</li> <li>• <b>List</b> clinical procedure of making single complete denture</li> <li>• <b>List</b> occlusal materials for single complete dentures.</li> </ul>	Lecture	CBL	Class Participation  Term and final examination
Combination Syndrome	<ul style="list-style-type: none"> <li>• <b>Define</b> combination syndrome</li> <li>• <b>Discuss</b> diagnosis, etiology and treatment strategies related to combination syndrome</li> </ul>	Lecture	CBL	Class Participation Term and final examination



**LIAQUAT COLLEGE OF MEDICINE AND DENTISTRY**  
**DEPARTMENT OF HEALTH PROFESSIONS EDUCATION**  
**COLLEGE OF DENTISTRY**



Speech	<ul style="list-style-type: none"> <li>• <b>Discuss</b> Bilabial sounds</li> <li>• <b>Discuss</b> Labiodental sounds</li> <li>• <b>Discuss</b> Velar sounds</li> </ul>	Lecture		Class Participation Term and final examination
Copy Denture, And Occlusal Pivot/ Techniques to overcome the problems in removable prosthodontics	<ol style="list-style-type: none"> <li>1. <b>Define</b> copy denture</li> <li>2. <b>Discuss</b> indications, contraindications, advantages and disadvantages</li> <li>1. <b>Discuss</b> laboratory techniques.</li> </ol>	Lecture Videos	CBL	Class Participation  Term and final examination
Relining, Rebasing And Repair	<ol style="list-style-type: none"> <li>2. <b>Define</b> relining, rebasing and repair</li> <li>3. <b>Discuss</b> indication, contraindication, material and techniques for relining the denture</li> <li>4. <b>Describe</b> indications and laboratory techniques for rebasing</li> <li>5. <b>Discuss</b> the types, causes and problems with repairing fractures of denture</li> <li>6. <b>Discuss</b> contraindication and repair material for dentures</li> </ol>	Lecture Videos	Practical	Class Participation  Term and final examination
Over-dentures	<ul style="list-style-type: none"> <li>• <b>Define</b> over-dentures</li> <li>• <b>Discuss</b> classification and types of over-dentures</li> <li>• <b>Discuss</b> Indications and contraindications</li> <li>• <b>List</b> clinical and laboratory procedures</li> <li>• <b>Discuss</b> Insertion and follow up &amp; maintenance</li> </ul>	Lecture	CBL	Class Participation  Term and final examination



**LIAQUAT COLLEGE OF MEDICINE AND DENTISTRY**  
**DEPARTMENT OF HEALTH PROFESSIONS EDUCATION**  
**COLLEGE OF DENTISTRY**



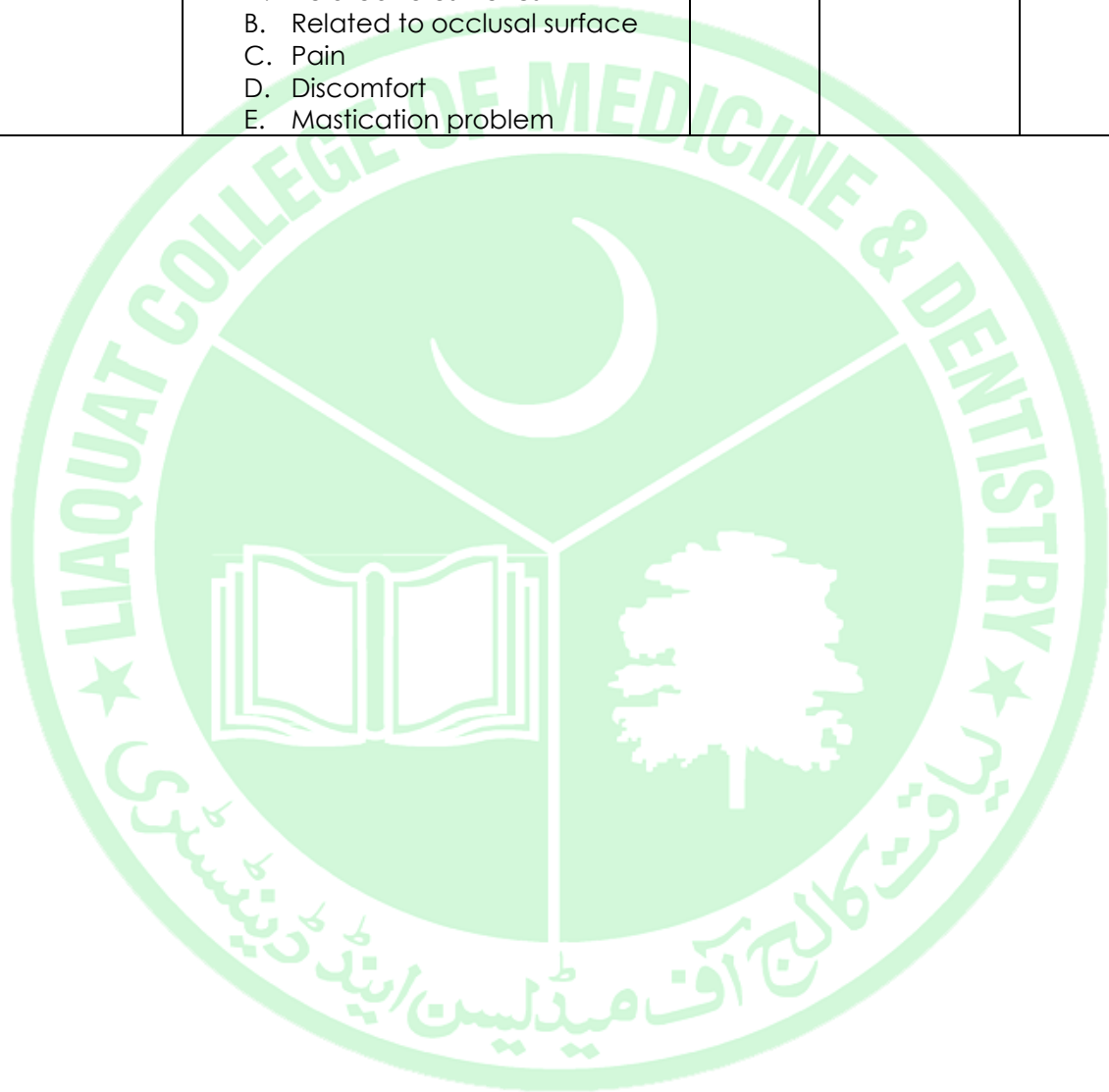
<b>COURSE TOPIC: CROWN AND BRIDGES</b>				
Lecture Topic	Learning Objectives	Mode of Teaching		Assessment Tools
		Lectures	Clinical	
Material consideration and cementation	<ol style="list-style-type: none"> <li><b>List</b> types of materials used in cementation of fixed prosthesis.</li> <li><b>Discuss</b> the composition, properties, merits and short coming of material</li> </ol>	Lecture	Practical	Class Participation  Term and final examination
Steps of procedures	<ol style="list-style-type: none"> <li><b>Discuss</b> biological, mechanical and esthetic principles of tooth preparation</li> <li><b>Discuss</b> digital and physical techniques for impression making</li> <li><b>Discuss</b> digital and physical procedures of laboratory for the fabrication of cast.</li> <li><b>Discuss</b> cementation and post-cementation followup, Management and complications</li> </ol>	Lecture	Practical  SMALL GROUP DISCUSSION	Class Participation  Term and final examination
Resin bonded bridges	<ol style="list-style-type: none"> <li>Discuss:               <ol style="list-style-type: none"> <li>Indications and contraindications</li> <li>Advantages and disadvantages</li> <li>Types of resin bonded Bridges</li> <li>Rochette bridge</li> <li>Maryland bridge</li> <li>Cast mesh fixed partial dentures</li> <li>Virginia</li> <li>bridge</li> </ol> </li> </ol>	Lecture	Flipped classroom	Class Participation  Term and final examination
Temporization	<ol style="list-style-type: none"> <li><b>Describe</b> advantages and disadvantages</li> <li><b>Discuss</b> different techniques of fabrication</li> <li><b>Describe</b> properties of materials available</li> <li><b>Discuss</b> cements available for temporization of teeth.</li> </ol>	Lecture	Practical	Class Participation  Term and final examination
Follow up and	<ul style="list-style-type: none"> <li><b>Describe</b> causes of prosthesis</li> </ul>	Lecture	Practical	



**LIAQUAT COLLEGE OF MEDICINE AND DENTISTRY**  
**DEPARTMENT OF HEALTH PROFESSIONS EDUCATION**  
**COLLEGE OF DENTISTRY**



post cementation complains	failure <ul style="list-style-type: none"><li>• <b>Discuss</b> possible complains of a newly cemented prosthesis</li><li>• <b>Discuss</b> post-op instructions</li><li>• <b>Discuss</b> maintenance of the prosthesis</li><li>• <b>Describe</b> periodic recall of patient after delivery of complete dentures.</li></ul> <b>Discuss</b> post insertion complains: <ul style="list-style-type: none"><li>A. Related to esthetics</li><li>B. Related to occlusal surface</li><li>C. Pain</li><li>D. Discomfort</li><li>E. Mastication problem</li></ul>			
----------------------------	--	--	--	--





**LIAQUAT COLLEGE OF MEDICINE AND DENTISTRY**  
**DEPARTMENT OF HEALTH PROFESSIONS EDUCATION**  
**COLLEGE OF DENTISTRY**



PEDIATRIC DENTISTRY				
COURSE TOPIC: DENTAL TRAUMA				
Lecture Topic	Learning Objectives	Mode of Teaching		Assessment Tools
		Lectures	Clinical	
History And Examination	<ul style="list-style-type: none"> <li>➤ <b>Classify</b> dento-alveolar injuries.</li> <li>➤ <b>Outline</b> the importance of a detailed history of trauma including past medical and dental history.</li> <li>➤ <b>List</b> the questions to be inquired from a patient presenting with history of dental trauma.</li> <li>➤ <b>Discuss</b> the appropriate radiographs needed for an accurate diagnosis.</li> <li><b>By the end of paedodontics OPD rotation final year student will be able to:</b></li> <li>➤ <b>Take</b> comprehensive medical &amp; dental history of the patient present with traumatic injuries in the OPD.</li> <li>➤ <b>Perform</b> extra and intraoral examination on a patient presenting with traumatic injuries in the OPD.</li> </ul>	Lecture (1)	Tutorial/ Small Group Discussion (CBL) On patient/ Simulated patient	Class Test Class Participation Group Assignment Final Examination  Skill evaluation <ul style="list-style-type: none"> <li>• Mini-CEX</li> </ul>
Healing After Trauma	<ul style="list-style-type: none"> <li>➤ <b>List</b> the different types of healings following dental trauma.</li> <li>➤ <b>Describe</b> the healing of pulp and factors affecting its healing.</li> <li>➤ <b>Describe</b> the healing of periodontium and factors affecting its healing.</li> <li>➤ <b>Differentiate</b> between various types of root resorptions:               <ol style="list-style-type: none"> <li>i) External resorption,</li> <li>ii) Cervical resorption,</li> <li>iii) Internal resorption,</li> <li>iv) Replacement resorption.</li> </ol> </li> </ul>	Lecture (2)		Class Test Class Participation Final Examination
Injuries To Primary Dentition	<ul style="list-style-type: none"> <li>➤ <b>Discuss</b> management of hard tissue injury in the following categories:               <ol style="list-style-type: none"> <li>i) Uncomplicated crown fracture,</li> <li>ii) Complicated crown fracture,</li> <li>iii) Crown-root fracture,</li> <li>iv) Root fracture.</li> </ol> </li> <li>➤ <b>Describe</b> management of soft tissue injury in following categories:               <ol style="list-style-type: none"> <li>i) Concussion,</li> <li>ii) Subluxation,</li> <li>iii) Extrusive luxation,</li> <li>iv) Lateral luxation,</li> <li>v) Intrusion,</li> <li>vi) Avulsion.</li> </ol> </li> <li>➤ <b>Describe</b> the sequelae of injuries to the primary dentition.</li> <li><b>By the end of paedodontics OPD rotation final year student will be able to:</b></li> <li>➤ <b>Formulate</b> a treatment plan for the patient presenting with traumatic injuries in the OPD.</li> </ul>	Lecture (1)	Tutorial/ Small Group Discussion	Class Test Class Participation Final Examination  Skill evaluation <ul style="list-style-type: none"> <li>• Mini-CEX</li> </ul>
Injury To Permanent Dentition-Hard Tissue	<ul style="list-style-type: none"> <li>➤ <b>Explain</b> management of hard tissue injury in the following categories:               <ol style="list-style-type: none"> <li>i) Enamel infraction,</li> <li>ii) Enamel fracture,</li> <li>iii) Enamel-dentin fracture,</li> <li>iv) Complicated crown fracture,</li> <li>v) Uncomplicated crown-root fracture,</li> <li>vi) Complicated crown-root fracture,</li> <li>vii) Root fracture.</li> </ol> </li> </ul>	Lecture (2)	Tutorial/ Small Group Discussion	Class Test Class Participation Final Examination

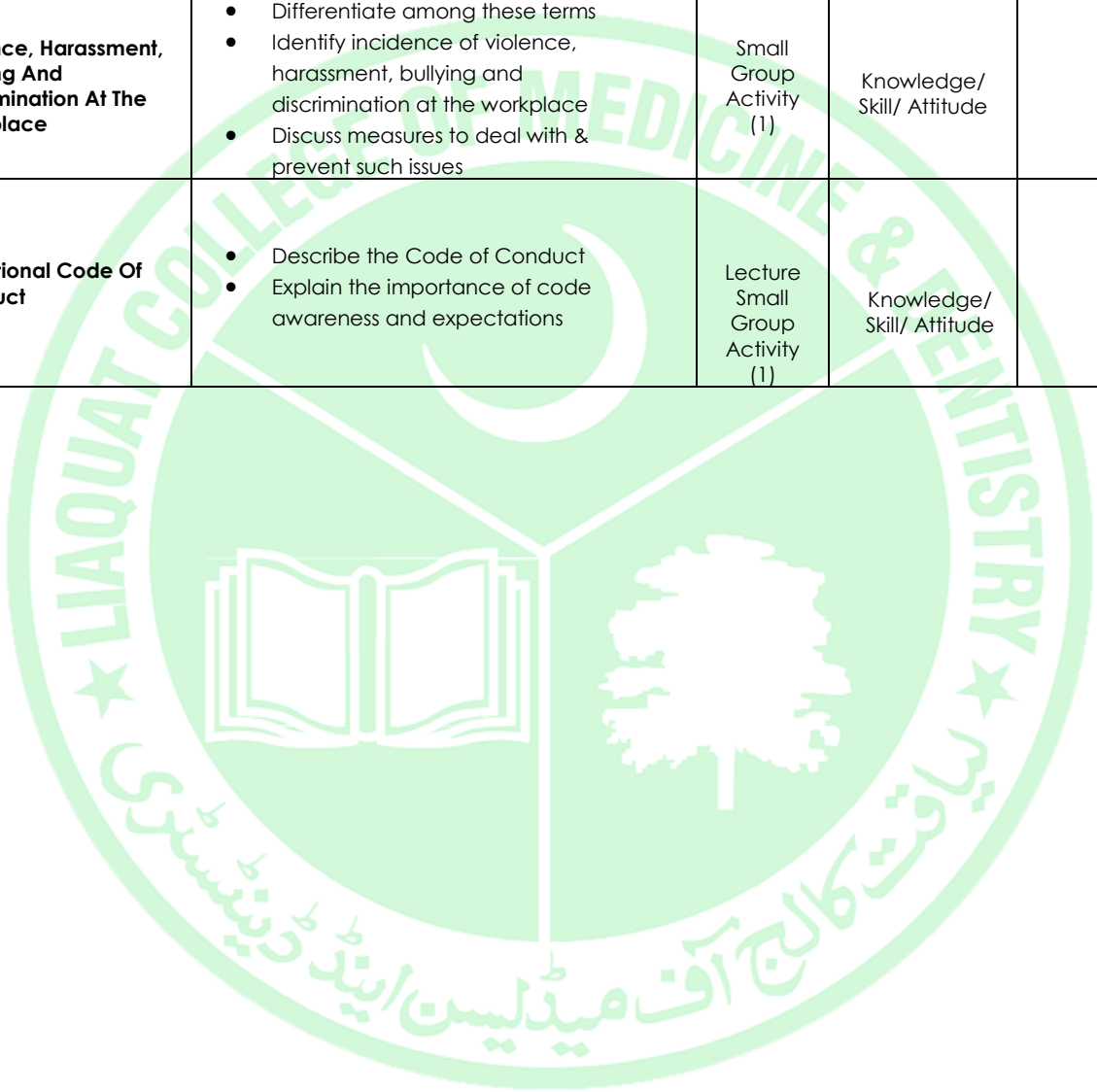




**LIAQUAT COLLEGE OF MEDICINE AND DENTISTRY**  
**DEPARTMENT OF HEALTH PROFESSIONS EDUCATION**  
**COLLEGE OF DENTISTRY**



LEADERSHIP, PROFESSIONALISM & ETHICS (LeaPE)				
Lecture Topic	Learning Objectives	Mode of Teaching		Assessment Tools
		Lectures	Clinical	
<b>Professionalism</b>	<ul style="list-style-type: none"> <li>Classify common unprofessional student behaviors in the local context</li> <li>Discuss strategies of dealing with unprofessional behaviors</li> </ul>	TBL (2)	Knowledge	MCQS
<b>Violence, Harassment, Bullying And Discrimination At The Workplace</b>	<ul style="list-style-type: none"> <li>Differentiate among these terms</li> <li>Identify incidence of violence, harassment, bullying and discrimination at the workplace</li> <li>Discuss measures to deal with &amp; prevent such issues</li> </ul>	Small Group Activity (1)	Knowledge/ Skill/ Attitude	MCQS
<b>Institutional Code Of Conduct</b>	<ul style="list-style-type: none"> <li>Describe the Code of Conduct</li> <li>Explain the importance of code awareness and expectations</li> </ul>	Lecture Small Group Activity (1)	Knowledge/ Skill/ Attitude	MCQS

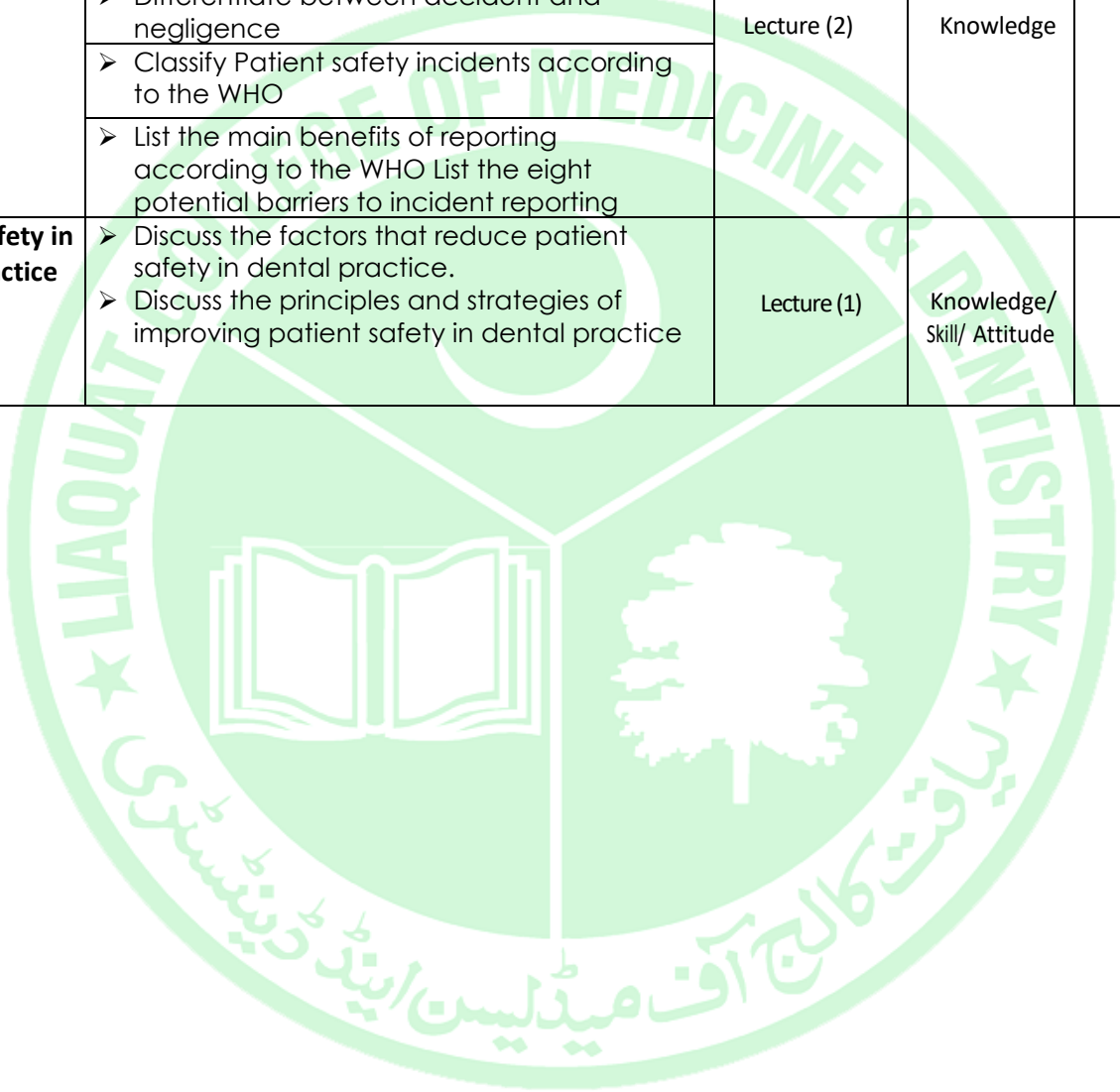




**LIAQUAT COLLEGE OF MEDICINE AND DENTISTRY**  
**DEPARTMENT OF HEALTH PROFESSIONS EDUCATION**  
**COLLEGE OF DENTISTRY**



PATIENT SAFETY AND INFECTION CONTROL				
Topic	Objectives	Mode of Teaching	KSA Competencies Knowledge/Skill/ Attitude	Assessment Tools
		Lecture/Tutorials		
<b>Sentinel Events &amp; Incident reporting</b>	➤ Sentinel Events & Incident reporting	Lecture (2)	Knowledge	MCQS
	➤ Classify errors in healthcare settings			
	➤ Differentiate between accident and negligence			
	➤ Classify Patient safety incidents according to the WHO			
	➤ List the main benefits of reporting according to the WHO List the eight potential barriers to incident reporting			
<b>Patient Safety in Dental Practice</b>	<ul style="list-style-type: none"> <li>➤ Discuss the factors that reduce patient safety in dental practice.</li> <li>➤ Discuss the principles and strategies of improving patient safety in dental practice</li> </ul>	Lecture (1)	Knowledge/Skill/ Attitude	MCQS





**LIAQUAT COLLEGE OF MEDICINE AND DENTISTRY**  
**DEPARTMENT OF HEALTH PROFESSIONS EDUCATION**  
**COLLEGE OF DENTISTRY**



COMMUNICATION SKILLS				
Lecture Topic	Learning Objectives	Mode of Teaching		Assessment Tools
		Lectures	Clinical	
<b>Communication during hand over/off</b>	<ul style="list-style-type: none"><li>➤ Describe the steps of effective communication during hand over/off</li></ul>	Lecture (1)	Knowledge	MCQS
<b>Breaking Bad News</b>	<ul style="list-style-type: none"><li>➤ Discuss the steps of breaking bad news</li><li>➤ Demonstrate breaking bad news according to prescribed protocol</li></ul>	Lecture (1)  Role play(1)	Knowledge/ Skill/ Attitude	MCQS

