

Faculty of Oral & Dental Medicine

Clinical Restorative Dentistry

Information :

Course Code : CONS 516

Level : Undergraduate

Course Hours : 3.00- Hours

Department : Faculty of Oral & Dental Medicine

Instructor Information :

Title	Name	Office hours
Associate Professor	Sara Mohamed Hany Ali Younis	
Lecturer	SHERIF MOHAMED MOHAMED ABDELMONEIM KHADR	3
Lecturer	OMAR NADER GALAL EZAT AMER	
Assistant Lecturer	Rowayda Anwar Hosny Ibrahim El tarawy	
Teaching Assistant	Mahmoud Essam Mahmoud Abdelmoneim Mohamed	
Teaching Assistant	Mohamed Ihab Abdelmoneim Fottouh	
Teaching Assistant	Ahmed Mohamed Hossam Ibrahim Saleh Elmaety	
Teaching Assistant	Abdulrahman Ahmed Mohamed Ahmed Abdelaati	

Area Of Study :

This is the third in a series of three courses that are designed to teach the etiology, diagnosis, treatment and prevention of the disease, dental caries and its sequel, developmental disturbances, and regressive alterations that can occur to the teeth. In this final course the curriculum is tailored to match specific subjects that are the core to the continual improvement of operative dentistry. This curriculum enables the upcoming practicing dentists to expand their skills and knowledge through the available subjects that include: failures of the restorations and their repair, bleaching, management of root caries, management of cracked teeth, management of mutilated teeth

Description :

Bleaching, restoration of mutilated teeth, failure of restoration, repair of dental restorations, root caries and management of cracked teeth

Course outcomes :

a. Knowledge and Understanding: :

1 -	- Repair of restorations. ~ÁList the indication for repair of contemporary restoration ~ÁDescribe the mechanism of repair for different contemporary restorations
2 -	- Failure of restorations ~ÁList the criteria of successful restorations and state the causes of their failure. ~ÁDescribe the failure manifestations of contemporary restorations.
3 -	- Management of badly broken-down teeth ~ÁList the indications for pin retained restorations ~ÁDifferentiate between different types of pins and their techniques. ~ÁOutline the cavity preparation design of badly broken down teeth ~ÁExplain the mechanism of reinforcement of endodontically treated teeth.

4 -	- Indirect esthetic restorations "Classify the indirect restorations and list the indications and contraindications of indirect esthetic inlays "Outline different techniques for fabrication of composite resin inlays and the advantage and disadvantage "Describe different types of ceramic inlays "Explain the placement technique of indirect composite and ceramic inlays.
5 -	- Esthetic consideration on operative dentistry: "List the components of the esthetic formula, causes of esthetic defects and objectives of restoring esthetic "Categories the limiting problems in restoring esthetic and to what extent these problems can be solved. "Describe the mechanism of color perception, and color parameters "List the factors affecting the optical qualities of an object and the requirements for correct color determination "Solve some esthetic problems and plan for esthetic cavity design using different restorative materials and techniques.
6 -	Explain the main causes of dentin hypersensitivity and how to be managed in a conservative manner.

b.Intellectual Skills: :

1 -	Design a treatment plan model.
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c.Professional and Practical Skills: :

1 -	Student should be able to give the patient the appropriate advice to prevent disease recurrence
2 -	Should be able to deal with failed restorations either by removal or repair according to principles.
3 -	student should be able to perform all cavity preparations designs to receive different restorative materials according to the patient conditions.
4 -	the student should be able to perform all cavity preparations design to receive different restorative materials according to the patient conditions.
5 -	The student will be able to perceive the patients and prepare the operating position and field accurately (Either using the two hand technique or the four hand technique)

d.General and Transferable Skills: :

1 -	By the end of the course, students should be able to have knowledge of the hazard of ionizing radiation and regulation related to them including radiation protection and dose reduction.
2 -	Apply the information technology as a mean of communication for data collection and analysis and for life-long learning
3 -	demonstrate appropriate professional attitudes and behavior in dealing with staff members & helping personnel and patients.

Course Topic And Contents :

Topic	No. of hours	Lecture	Tutorial / Practical
Failure of restorations	7		
Failure of restorations	7		
Repair of dental restorations	7		
Repair of dental restorations	7		
Management of badly broken-down teeth.	7		
Management of badly broken-down teeth.	7		
Bleaching	7		
Bleaching	7		
Root caries	7		
Root caries	7		
Management of cracked teeth	7		
Management of cracked teeth	7		

Teaching And Learning Methodologies :

Lectures, assignments, Laboratory small group tutorials

Motor and manipulative skills (Practical Skills):

Small group sessions

Practicing to imitate and to manipulate the desired clinical cases within the schedule time

Course Assessment :

Methods of assessment	Relative weight %	Week No	Assess What
1st Mid Term Examinations	15.00		assess knowledge and understanding
2nd Mid Term Examinations	15.00		assess knowledge and understanding
Final Practical Examination	15.00		
Final Written Examination	25.00		
Oral Examination	10.00		assess knowledge and intellectual skills
Practical Requirement	20.00		assess practical skills & general skills

Course Notes :

Department Hand-Outs : available for all students