Faculty of Oral & Dental Medicine

Clinical Restorative Dentistry

Information :

Course Code :	CONS 413	**Level** :	Undergraduate	**Course Hours :**	2.00- Hours

Department :	Faculty of Oral & Dental Medicine

Instructor Information :

Title	Name	Office hours
Professor	Essam Eldin Abdelhafez Ahmed Nageib	2
Professor	Essam Eldin Abdelhafez Ahmed Nageib	2
Associate Professor	Sara Mohamed Hany Ali Younis	
Associate Professor	Rasha Hassan Aly Afifi	12
Lecturer	OMAR NADER GALAL EZAT AMER	1
Lecturer	OMAR NADER GALAL EZAT AMER	1
Lecturer	Laila Akmal Emad Eldien Zaghloul El okaly	
Assistant Lecturer	BASSMA REDA ABDELHAFIZ MOHAMED HASSAN	
Assistant Lecturer	Akram Gamal Mousa Ali Diab	
Assistant Lecturer	OMNIA MOHAMED SAMY MOSTAFA MOSTAFA GAROUDA	
Assistant Lecturer	Akram Gamal Mousa Ali Diab	
Assistant Lecturer	Hadeel Hamza Mohamed Mohamed Al Salamony	
Assistant Lecturer	Rowayda Anwar Hosny Ibrahim El tarawy	
Assistant Lecturer	Amr Mohamed Marzouk Nadiem Abouelenien	
Assistant Lecturer	BASSMA REDA ABDELHAFIZ MOHAMED HASSAN	
Teaching Assistant	Mahmoud Essam Mahmoud Abdelmoneim Mohamed	
Teaching Assistant	Omar Mohamed Abdelkader Mohamed Hassan	
Teaching Assistant	Lara Yasser Elsayed Ibrahim Shabara	
Teaching Assistant	Mary Mikail Azmy Mikail	
Teaching Assistant	Abdul Rahman Ahmed Mohamed Ahmed Abdel Aati	

Area Of Study :

˝This is the second in a series of three courses that are designed to teach the etiology , diagnosis , treatment and prevention of the disease , dental caries and its sequelae , developmental , disturbances , and regressive alterations that can occur to the teeth.
˝He aim of this course is to present the general information necessary to understand the fundamentals of the clinical course of operative dentistry :
a- To enable the student to understand and apply the basic clinical principles of operative dentistry that constitutes the main demands of the daily practice which includes different patients management during and after the treatment (patient reception , examination , diagnosis , treatment planning , infection control , moisture control and control of pain).
b- To enable the student to understand princip;es of caries control and management .
c- To enable the student to be familiar with the available restorative material and their selection .
d- To enable the student to apply the gained information about the available restorative materials clinically

Description :

understanding patient assessment, examination, diagnosis and treatment planning. Sterilization and infection control. Moisture control. Managment of deep caries and esthetic restoration of posterior teeth. Control of pain, temporary restorations, and health hazards.

Course outcomes :

a.Knowledge and Understanding: :

1 -	Describe the appropriate patient position and identify the requirements which should be fulfilled regarding the operative positions .
2 -	Infection control.
3 -	Describe and apply the principles of infection control and universal precaution techniques used in dental practice.
4 -	Describe the importance of infection control techniques to the dentist and his staff and patients.
5 -	Examination of the patient
6 -	Perform a comprehensive patient evaluation that collects patient history including medication , chief compliant , biological , behavioral , cultural and socioeconomic information needed to assess the patient's medical and oral condition
7 -	Diagnosis
8 -	Perform a differential provisional , or definitive diagnosis by interpreting and correlating findings from the history and the patient interview , the clinical and radiographic examination , and other diagnostic tests and develop a problem list
9 -	Treatment Planning
10 -	Develop properly sequenced , alternative treatment plans as appropriate to achieve patient satisfaction and that considers the patient's medical history and all the diagnostic data ; to discuss the diagnosis and treatment options to obtain informed consent ; and to modify the accepted plan based upon regular evaluation , unexpected situations , or special patient needs
11 -	Isolation of the operating field
12 -	List the reasons and methods for moisture control
13 -	Describe the rational for using the rubber dam
14 -	Demonstrate the proper placement and use of the rubber dam , clamps , gingival retractor and frame to achieve field isolation
15 -	Describe Materials , techniques , and processes involved with management of deep carious lesion
16 -	Temporary restoration
17 -	Health hazards in operation room

b.Intellectual Skills: :

1 -	Analyze symptoms & signs and construct a differential diagnosis for common presenting complaints	

c.Professional and Practical Skills: :

1 -	The student will be able to perceive the patients and prepair the operating position and field accurately
2 -	Demonstrate surgical removal of carious lesions and temporization of teeth
3 -	Demonstrate the ability to prepare and restore simple and compound cavities with amalgam or composit
4 -	Recognize urgent life-threatening conditions

d.General and Transferable Skills: :

1 -	Apply ethical principles to professional practice.

Course Topic And Contents :

Topic	No. of hours	Lecture	Tutorial / Practical
Pt. assessment ,examination	3		
Diagnosis &treatment plan	3		
Infection control	3		
Control of oral fluids	3		
Managements of deep caries	3		
Managements of deep caries	3		
Managements of deep caries	3		
Esthetic restoration of posterior teeth	3		
Control of pain	3		
Temp. restoration	3		
Health hazards	3		

Teaching And Learning Methodologies :

Lectures with discussions

Small group sessions

. Tutorial classes ″Small group teaching ″Computer projections ″Projector slides. ″Videotapes

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			
Mid Term Practical Examinations	20.00		assess clinical skills, intellectual and general skills
Oral Examination	10.00		

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Course Notes :

Department note

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