

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
Lecturer	Laila Akmal Emad Eldien Zaghloul El okaly	
Lecturer	OMAR NADER GALAL EZAT AMER	1
Teaching Assistant	Reham Mohamed Abdelrafeea Elshafei	
Teaching Assistant	Rawan Wael Mohamed Serage	
Teaching Assistant	Ahmed Mohamed Hossam Ibrahim Saleh Elmaety	
Teaching Assistant	Abdulrahman Ahmed Mohamed Ahmed Abdelaati	

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.

"The 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 principles 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. Management of deep caries and esthetic restoration of posterior teeth. Control of pain, temporary restorations, and health hazards.

Course outcomes :

a. Knowledge and Understanding: :

1 -	Health hazards in operation room	
2 -	Temporary restoration	
3 -	Describe Materials , techniques , and processes involved with	management of deep carious lesion
4 -	Demonstrate the proper placement and use of the rubber dam , clamps ,	gingival retractor and frame to achieve field isolation

5 -	Describe the rational for using the rubber dam
6 -	List the reasons and methods for moisture control
7 -	Isolation of the operating field
8 -	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
9 -	Treatment Planning
10 -	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
11 -	Diagnosis
12 -	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
13 -	Examination of the patient
14 -	Describe the importance of infection control techniques to the dentist and his staff and patients.
15 -	Describe and apply the principles of infection control and universal precaution techniques used in dental practice.
16 -	Infection control.
17 -	Describe the appropriate patient position and identify the requirements which should be fulfilled regarding the operative positions .

b.Intellectual Skills: :

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

c.Professional and Practical Skills: :

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

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		

Course Topic And Contents :

Topic	No. of hours	Lecture	Tutorial / Practical
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		

Course Notes :

Department note