

**Faculty of Oral & Dental Medicine**  
**Clinical Restorative and Esthetic Dentistry**

**Information :**

**Course Code :** RESTE 414      **Level :** Undergraduate      **Course Hours :** 2.00- Hours

**Department :** Faculty of Oral & Dental Medicine

**Area Of Study :**

The aim of this course is to present the general information necessary to understand the fundamentals of the clinical course of conservative dentistry and:

- a- To enable the student to understand principles of caries control and management.
- b- To enable the student to understand steps of rubber dam application.
- c- To enable the student to be familiar with the available light curing systems and their selection.
- d- To enable the student to manage root caries management clinically.
- e- To enable the student to manage the deep carious lesions.

**Description :**

Biological consideration, Cariology, Management of deep caries, Problem solving, Post-operative pain, Light curing system, Root caries

**Course outcomes :**

**a. Knowledge and Understanding: :**

1 -	A1- discuss causes of post operative pain.
2 -	A2- List the methods used for post operative pain control.
3 -	A3- Recognize the principles of caries control and management
4 -	A4- Describe the contributing factors in dental caries and their interrelationship with tooth, saliva, diet and systemic factors.
5 -	A5- Describe caries preventive measures.
6 -	A6- Describe Materials, techniques, and processes involved with management of deep carious lesion.
7 -	A7- list the light curing systems.

**b. Intellectual Skills: :**

1 -	B1- Analyze signs and symptoms for common patient complaints.
2 -	B2- Construct a differential diagnosis for common presenting complaints.
3 -	B3- classify different types of dental caries.
4 -	B4- Demonstrate the methods used for caries assessment.
5 -	B5- Choose the appropriate method for controlling dental caries and point out the reasons
6 -	B6- Select the appropriate method to control post operative pain.

**c. Professional and Practical Skills: :**

1 -	C1- Practice surgical removal of carious lesions and temporization of teeth.
-----	--

2 -	C2- Apply the basics of the biological consideration
3 -	C3- use light curing systems properly.
4 -	C4- Apply recent techniques of caries removal to preserve the tooth structure.
5 -	C5- manage root caries clinically.

**d.General and Transferable Skills :**

1 -	D1- validate ethics in dental profession
2 -	D2- Manage time effectively.
3 -	D3- Handle emergence situations professionally
4 -	D4- Work in a team collaboratively.

**Course Topic And Contents :**

Topic	No. of hours	Lecture	Tutorial / Practical
Biological consideration			
Cariology			
Management of deep caries			
Problem solving			
Post-operative pain			
Light curing system			
Root caries			

**Teaching And Learning Methodologies :**

Lectures with discussions
Clinical demonstration
Clinical requirements.(5 cases/semester)
E- learning.

**Course Assessment :**

Methods of assessment	Relative weight %	Week No	Assess What
Assignments	25.00		Final Written Examination
Clinical examination to assess clinical skills, intellectual and general skills.	10.00		Oral Examination
Oral examination / sheets to assess knowledge and understanding	25.00		Class work (Clinical Requirement)
Quizzes and Logbook to assess clinical requirements.	15.00		Final Practical Examination
Written examination to assess knowledge and understanding.	25.00		Mid Term Examinations

**Course Notes :**

---

Course notes, Department notes on moodle platform.

**Recommended books :**

online text book: Summitt's Fundamentals of Operative Dentistry: A Contemporary Approach, 4th Edition.