

Course Specification Student Version

Course Title:	Clinical Operative Dentistry - 4
Course Code:	RDC 512
Department:	Dentistry
Program:	Dentistry
College:	Vision College in Riyadh
Institution:	Vision College in Riyadh
Revised:	July 2025

A. Course Identification

1. Credit hours: 1 (0+0+1)
2. Level/year at which this course is offered: Level 10/Year 5
3. Pre-requisites for this course (if any): Clinical operative III (RDC 511)
4. Co-requisites for this course (if any): None

B. Teaching Methods

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C. Course Description and Objectives

1. Course Description

This clinical course focuses on developing advanced psychomotor, communication, and interpersonal skills. It emphasizes clinical training in cavity preparation, restorative materials, and esthetic dentistry for anterior and posterior teeth, with no theoretical component.

2. Course Main Objective

This course aims to equip students with the skills to diagnose, evaluate the caries risk assessment and treat caries, manage dental pain, perform pulp vitality tests, and create effective treatment plans. Students will also learn to educate patients on oral hygiene, select appropriate instruments, perform cavity preparations, and choose suitable esthetic restorative materials for various clinical scenarios.

3. Course Objectives

By the end of this course, students should be able to:

- Describe etiology, clinical features, pathological processes and management of dental caries.
- List basic characteristics, advantages, and disadvantages of the commonly used materials in restorations.
- Perform different clinical dental procedures in preclinical and clinical settings.
- Obtain social, medical, and dental history for dental patient.
- Request the appropriate dental radiographs and interpret the findings.
- Formulate dental treatment plan based on diagnostic findings for dental caries.
- Establish prognosis for the provided dental treatment.
- Identify dental complications that may occur due to dental procedure.
- Perform simple restorative dental treatment.
- Demonstrate ethics and professionalism in dental practice.
- Apply principles of dental practice management and career plan objectively.
- Apply proper infection control in dental practice.
- Professionally conducting comprehensive dental clinical examination.

D. Course Content

No	List of Topics
1	The course is clinical only with no theoretical part (No lectures).

E. Assessment Tools

#	Assessment task	Percentage of Total Assessment Score
1	Clinical Evaluation	60%
2	Assignment	10%
3	OSCE / Clinical Exam	30%
	Total	100%

F. Learning Resources

Required Textbooks	Sturtevant's Art and science of operative dentistry. Seventh edition Schwartz's Fundamentals of Operative Dentistry. Pickard's Manual of Operative Dentistry 10th edition 2018 ADA Caries classification system for Clinical Practice, JADA 2014 Clinical Protocol for Caries Management by Risk Assessment, JCDA 2007
Essential Reference Materials	Journal of Operative Dentistry.
Electronic Materials	<ul style="list-style-type: none"> • Composite Cavity Preparation Videos. • Dentistry online, youtube.
Other Learning Materials	CD available with text books