

Course Specification Student Version

Course Title:	Clinical Periodontology -3
Course Code:	PDC 521
Department:	Dentistry
Program:	Bachelor of Dentistry
College:	Vision College in Riyadh
Institution:	Vision College in Riyadh
Revised:	July 2025

A. Course Identification

1. Credit hours: 2 (1+0+1)
2. Level/year at which this course is offered: Level 9/Year 5
3. Pre-requisites for this course (if any): PDC 422
4. Co-requisites for this course (if any): None

B. Teaching Methods

1	Lecture
2	Clinical session

C. Course Description and Objectives

1. Course Description

This course consists of a didactic and clinical component with two credit hours (one lecture and one clinical session per week). It will cover:

- The treatment of different types of periodontal diseases.
- Introduction to the surgical approaches in the management of moderate to advanced periodontal disease.
- The management of different recession classes and furcation involvements.
- The interrelation between periodontics and other related dental branches

2. Course Main Objective

The aim of this course is to provide the students with in-depth knowledge on the principles of periodontal surgery and the concept of guided tissue regeneration. The students will also improve their psychomotor skills relevant to scaling and root planning.

3. Course Objectives

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

- Recognize the different causes of gingival enlargement and their treatments
- Select the proper method for pocket reduction.
- Recall the principles of periodontal surgery and the proper instruments for each procedure
- Classify different types of periodontal flaps.
- List the indications of surgical periodontal treatment.
- Identify different types of bone grafts and regenerative materials.
- Explain indications and techniques of respective & constructive osseous surgeries for treatment of osseous defect or furcation involvements.
- Obtain social, medical, and dental history for periodontal patient.
- Formulate a treatment plan based on diagnostic findings for a comprehensive periodontal patients.

- Identify and manipulate different instruments in scaling and root planning procedures.
- Prescribe commonly used medications for treatment of periodontal diseases.
- Perform non-surgical periodontal therapy including scaling and root planning.
- Demonstrate ethics and professionalism in dental practice.

D. Course Content

No	List of Topics
1	Periodontal response to external forces and management of teeth mobility.
2	Phase II of Periodontal Therapy (The Surgical Phase)
3	General principles of Periodontal Surgery (and instrumentation)
4	Classification of periodontal surgery
5	Gingival enlargement classification and its Treatment
6	Flap Techniques for Pocket Therapy
7	Resective Periodontal Surgery: Reconstructive Periodontal Surgery:
8	Furcation Involvement and Management
9	Preparation of the periodontium for restorative dentistry
10	Restorative inter-relationship
11	Plastic periodontal surgery

E. Assessment Tools

#	Assessment task	Percentage of Total Assessment Score
1	Written Exam (Midterm)	20%
2	Case-based Exam	10%
3	Clinical Evaluation	30%
4	OSCE	10%
5	Written Exam (Final)	30%
	Total	100%

F. Learning Resources

Essential References	<ul style="list-style-type: none"> • Carranza's Clinical Periodontology. 13th . 2019. Michael Newman, Henry Takei, Perry Klokkevold, Fermin Carranza
Supportive References	<ul style="list-style-type: none"> • Essentials of Clinical Periodontology and Periodontics. 3RD Ed. 2011. Japee, Shanitipryia Reddy
Electronic Materials	<ul style="list-style-type: none"> • www.expertconsult.com
Other Learning Materials	<ul style="list-style-type: none"> • Handouts for the Power point presentation • Clinical manual book