

Course Specification Student Version

Course Title:	Clinical Periodontology -1
Course Code:	PDC 421
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 7/Year 4
3. Pre-requisites for this course (if any): PDC 311
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 is given in the fourth year. There will be one lecture and one clinical session per week. It will cover:

- Examine periodontal tissues to identify normal periodontium and signs of periodontal disease.
- New classification system of periodontal diseases.
- The role of microbial biofilm, calculus and other local factors in periodontium.
- Diagnosis of different types of periodontal diseases.
- Principles and methods of prevention and treatment of periodontal disease.
- Periodontal instrumentation, identification, usage, and handling.

2. Course Main Objective

The main objective of this course is to provide the dental students with the knowledge and skills that are necessary for evaluating and managing patients with periodontal diseases through recording the patient's dental and medical history, obtaining a complete systematic examination of the periodontal tissues, reaching the proper diagnosis and performing scaling to the periodontal cases.

3. Course Objectives

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

- Describe anatomic, development, structure and function of periodontium.
- Describe etiology, clinical features, pathologic processes and management of the most common periodontal diseases.
- Understand radiographic interpretation as it applies to periodontology.
- Perform different clinical dental procedures in preclinical and clinical settings.
- Obtain social, medical, and dental history for dental patient.
- Identify and manipulate different instruments, equipment and materials for different clinical dental procedures.
- Demonstrate ethics and professionalism in dental practice.

D. Course Content

No	List of Topics
1	Anatomy of periodontium
2	Classification of periodontal diseases
3	Examination of periodontium,
4	Periodontal Instruments
5	Dental plaque
6	The role of dental calculus and other local predisposing factors
7	Pathology of Gingivitis and periodontitis
8	Periodontal disease manifestation: Periodontal pockets and recession, Bone loss and it's patterns
9	Periodontal treatment plan and prognosis
10	Reevaluation of initial therapy- supportive periodontal therapy
11	Radiographic aids in Periodontal disease
12	Clinical sessions

E. Assessment Tools

#	Assessment task	Percentage of Total Assessment Score
1	Written Exam (Midterm)	20%
2	Written Exam (Quiz)	10%
3	Clinical Evaluation	30%
4	OSPE (Objective Structured Practical Examinations)	10%
5	Written Exam (Final)	30%
	Total	100%

F. Learning Resources

Essential References	<ul style="list-style-type: none"> Carranza's Clinical Periodontology. 13TH 2018. 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 Clinical Periodontology and Implant Dentistry: 6TH Ed.: Jan Lindhe. Niklaus P. Lang. Thorkild Karring: Black well Munksgard. 2015 Color Atlas of Periodontology (not required for any exams). Herbert F. Wolf, Thomas M. Hassel Thieme, 11TH Ed. 2006
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