



Jordan University of Science and Technology
Faculty of Dentistry
Dental Surgery Department

DENT471 Periodontology (2) - JNQF Level: 7
First Semester 2023-2024

Course Catalog
2 Credit Hours. This course is the second theoretical and first clinical course of the periodontology field for dental students. Theory lectures will be delivered at the seminar room or by e-learning. Different periodontal diseases, etiologic factors, risk factors, epidemiology and clinical aspects of disease diagnosis and treatment will be introduced. In the clinics, the students will receive clinical training on the basic skills of periodontology: history taking, examination/risk factors identification, diagnosis and treatment planning. In addition, they will be trained to perform basic periodontal treatments, interventions and management strategies, such as: patient education, motivation, oral hygiene instructions, scaling and polishing.

Text Book	
Title	Carranza's Clinical Periodontology
Author(s)	Michael G Newman, Henri H. Takei and Fermin A. Carranza
Edition	13th Edition
Short Name	Carranza
Other Information	

Instructor	
Name	Dr. ammar aldawodyeh
Office Location	-
Office Hours	
Email	aialdawodyeh@just.edu.jo

Class Schedule & Room
Section 1: Lecture Time: Wed : 10:00 - 11:00 Room: NG76

Tentative List of Topics Covered		
Weeks	Topic	References
Week 1	Introduction to the course	
Week 2	Classification of Diseases and Conditions Affecting Periodontium	Chapter 4 From Carranza
Week 3	Microbial interaction with the host in periodontal diseases	Chapter 25 From Carranza
Week 4	The Periodontal Pocket & Bone loss and Pattern of Bone ?Destruction	Chapter 13 &14 From Carranza
Week 5	Clinical features of gingivitis and gingival inflammation	Chapter 7&8 From Carranza
Week 6	Gingival Enlargement	Chapter 9 From Carranza
Week 7	Periodontitis ?	Chapter 16&18 From Carranza
Week 8	Acute periodontal conditions	Chapter 10&17 From Carranza
Week 9	Diagnosis and Management of Periodontic-Endodontic lesions	Chapter 19 From Carranza
Week 10	Chemotherapeutic agents in the treatment of periodontal ?diseases (systemic and local approach).-1	Chapter 52 From Carranza
Week 11	Chemotherapeutic agents in the treatment of periodontal ?diseases (systemic and local approach).-2	Chapter 52 From Carranza
Week 12	Trauma from Occlusion	
Week 13	Radiographic aids in the diagnosis of periodontal diseases	

Mapping of Course Outcomes to Program Outcomes and NQF Outcomes	Course Outcome Weight (Out of 100%)	Assessment method
Classify various periodontal diseases and conditions according to the 2017 and 1999 classifications to help identify the diagnoses of different patients. [41.2 Scientific Knowledge and Cognitive Skills] [1L7K1]	4%	Midterm, Final
Identify the etiology and risk factors of the various diseases of the periodontium in different patients to provide appropriate advice and interventions for patients when necessary. [131.2 Scientific Knowledge and Cognitive Skills] [1L7K1]	13%	Midterm, Final

Differentiate the signs, symptoms and characteristics of periodontal diseases and conditions in order to reach sound periodontal diagnosis and prognosis. [131.7 Scientific Knowledge and Cognitive Skills] [1L7K1]	13%	Midterm, Final
Formulate appropriate treatment plans for dental patients suffering from periodontal diseases using the assigned diagnosis and prognosis and taking into consideration their medical conditions. [71.7 Scientific Knowledge and Cognitive Skills] [1L7K1]	7%	Midterm, Final
Describe how periodontal diseases, conditions and treatments relate to the patient overall systemic health, oral health and different dental conditions and treatments, applying this knowledge in patient management. [131.2 Scientific Knowledge and Cognitive Skills] [1L7K1]	13%	Final
Performs thoroughly history taking and examination to reach sound diagnosis, assign correct prognosis and formulate appropriate treatment plan. [152.1 Person Centered Care] [1L7S1, 2L7S2, 2L7S3]	15%	Midterm, Final
Practice ethically, professionally and respectfully towards the patients, colleagues, mentors and supporting staff while accepting constructive criticism. [53.1 Responsibility, Communication, Professionalism and Ethics] [1L7C2]	5%	Midterm, Final
Execute treatments safely, avoiding undue harm, while adhering strictly with infection control practices and guidelines. [53.3 Responsibility, Communication, Professionalism and Ethics] [1L7C2]	5%	Midterm, Final
Judges the need of patients for specialist/interdisciplinary dental care, while recognizing limitations within the scope of practice of a general dental practitioner. [53.4 Responsibility, Communication, Professionalism and Ethics] [1L7C2]	5%	Midterm, Final
Appraise individual patients' diseases, risk factors and oral hygiene practices, in order to formulate and provide patient tailored oral hygiene instructions and dental maintenance protocols. [55.1 Health Promotion and Community Oral Health] [1L7S1]	5%	Midterm, Final
Use effectively different dental/periodontal instruments and facilities in to execute basic periodontal treatments and interventions. [152.2 Person Centered Care] [1L7S2]	15%	Midterm, Final

Relationship to Program Student Outcomes (Out of 100%)													
1.1 Scientific Knowledge and Cognitive Skills	1.2 Scientific Knowledge and Cognitive Skills	1.3 Scientific Knowledge and Cognitive Skills	1.4 Scientific Knowledge and Cognitive Skills	1.5 Scientific Knowledge and Cognitive Skills	1.6 Scientific Knowledge and Cognitive Skills	1.7 Scientific Knowledge and Cognitive Skills	2.1 Person Centered Care	2.2 Person Centered Care	2.3 Person Centered Care	2.4 Person Centered Care	3.1 Responsibility, Communication, Professionalism and Ethics	3.2 Responsibility, Communication, Professionalism and Ethics	3.3 Responsibility, Communication, Professionalism and Ethics
	30					20	15	15			5		5

Relationship to NQF Outcomes (Out of 100%)				
L7K1	L7S1	L7S2	L7S3	L7C2
50	8	21	6	15

Evaluation	
Assessment Tool	Weight
Midterm	40%
Final	60%

Policy	
Exams	All exams are closed book and notes. The final exam is comprehensive (covers all the ?material). Incomplete exams need approval from the deanship.?
Cheating	Cheating is prohibited; and in case of cheating the student will be subject to punishment according to ?the JUST regulations will be applicable.?
Attendance	To receive course credit, a student should attend a minimum of 90% of the contact hours of ?the class. Students who are absent for the lecture should contact the course coordinator ?prior to the class. If absent from lectures/ clinical sessions, then the course coordinator will ?refer to related guidelines set by the university.? Any student who is absent on a test day, will have to demonstrate an acceptable medical or ?social statement explaining the illness or personal crisis as instructed by their faculty.?
Withdraw	If a student decides to withdraw, this should be submitted before the Final Withdrawal Date. ?

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