



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

DENT573 Periodontology Iv
First Semester 2021-2022

Course Catalog
2 Credit Hours. This continuous (annual) course is the final preparation for the soon-to-be general practitioner students to manage periodontal problems, and to relate periodontics with other dental disciplines and encourage referral of complex cases. The course is composed of two components; didactic and clinical. The didactic parts will build on the knowledge and skills gained by students through previous courses of periodontics and broaden their understanding and appreciation of the role of periodontal therapy, with focus on the surgical phase, within the comprehensive patient care. The clinical component of the course will advance students' understanding and practice of periodontal instrumentation, patient motivation and education as well as evaluation of treatment outcomes.

Text Book	
Title	Carranza-s Clinical Periodontology
Author(s)	Newman, Takei, (Klokkevold), Carranza
Edition	13th Edition
Short Name	Carranza
Other Information	

Instructor	
Name	Dr. Hisham Alshorman
Office Location	-
Office Hours	Sun : 08:00 - 09:00 Sun : 12:00 - 13:00 Wed : 08:00 - 09:00 Wed : 12:00 - 13:00 Thu : 12:00 - 14:00
Email	hmalshorman@just.edu.jo

Class Schedule & Room
Section 1: Lecture Time: Mon : 15:30 - 16:30 Room: NG76

Teaching Assistant
Hisham Al-Shorman()

Tentative List of Topics Covered		
Weeks	Topic	References
Week 1	Introduction to the course	
Week 2	The new classification of periodontal diseases	
Week 3	The surgical phase of periodontal therapy	
Week 4	General principles of periodontal surgery	
Week 5	The periodontal flap ? Periodontal Surgical Therapy	

Week 6	Regenerative periodontal surgery 1- bone grafting material and their mode of action	
Week 7	Regenerative periodontal surgery 2 ? procedures and prognosis	
Week 8	Resective osseous surgery	
Week 9	Furcation ? diagnosis and management	
Week 10	Periodontal plastic and esthetic surgery	
Week 11	Smoking and periodontal disease	
Week 12	Dentin hypersensitivity - etiology and treatment	
Week 13	Laser application in periodontal therapy	
Week 14	Revision	

Relationship to Program Student Outcomes (Out of 100%)											
Taking History and clinical Examination for complete or partial denture patients Primary impressions	Border molding using tracing compound and secondary impressions using ZOE impression material	Jaw registration	Wax-try-in	Insertion of finished dentures	Professionalism	Infection control	Comprehensive dental care	Dental Caries	Operative dentistry	Endodontics	Restoration of badly broken teeth

Evaluation	
Assessment Tool	Weight
Mid-year Exam (theoretical)	15%
Final Exam: (theoretical, clinical, and OSCE)	45%
Scaling test	5%
Root planing test	10%
? Clinical cases managed in the clinics throughout the year	25%

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