



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

DENT776 Advanced Periodontics(1)

First Semester 2021-2022

Course Catalog

2 Credit Hours. Jordan University of Science and Technology Faculty of Dentistry Department of Preventive Dentistry First Semester, Year 2021 Course Syllabus Course Information Course Title Advanced Periodontology I Course Code Dent 776 Prerequisites None Course Website N/A Instructor(s) Prof. Rola Habashneh, Dr Hammad, Dr Abdelhafez, Dr Al Shorman, Dr. Malek Hudieb Office Location Office Phone Office Hours E-mail Teaching Assistant(s) Course Description This is a 2-credit hour postgraduate theoretical course. It is the first specialty course in periodontology, and is designed to provide postgraduate students of periodontics with an introduction to theoretical and clinical concepts in periodontology. This course will enhance previous knowledge and provide students with new information with regards to both basic science and practical fields. Most lectures in this course will be given in conventional lecture style. Assignments and/or quizzes may be given to students by staff participating in the course. Text Book Title Lindhe's Clinical Periodontology and Implant Dentistry, 2 Volume Set, 7th Edition Niklaus P. Lang (Editor), Tord Berglund (Editor), William V. Giannobile (Editor), Mariano Sanz (Editor) Clinical Periodontology and Implant Dentistry, 2 Volume Set, 6th Edition Niklaus P. Lang (Editor), Jan Lindhe (Editor) Other References Oral histology, development and function 4th edition by Ten Cate Biology of Periodontal connective tissues by PM Bartold and Narayanan. Assessment Policy Assessment Type Written exams Mid exam 25 Final Exam 50% Assignments/Quizzes 15% Attendance, participation and attitude 10% Course Objectives Percentage 1. 1. 1. Providing the incoming graduate student with an introduction to Periodontics. 2. 2. Reviewing the embryology, anatomy, histology, and biochemistry of the periodontal structures. 3. Covering different theories explaining the pathogenesis of periodontal diseases. 4. Enhancing students' knowledge of the role of different etiological and risk factors involved in the development of periodontal diseases 5. To provide students with required clinical knowledge to enable them to properly conduct examination, diagnosis, and treatment planning of different periodontal diseases. 6. Enhancing students' abilities to communicate with, and manage various groups of patients in the clinical environment. Special emphasis will be placed on taking adequate medical history. 7. Promoting the ability to detect abnormalities in the oral mucosa and dentition and refer patients as necessary, emphasizing the importance of dental and medical team work. 8. Developing students' understanding of the rationale of plaque control and the importance of dental health education. This course also aims at providing students with the ability to motivate and practically demonstrate oral hygiene methods to various categories of patients. 9. Enhancing students abilities to lecture in front of an audience Teaching & Learning Methods This is a 2-credit hour postgraduate theoretical course. Most lectures in this course will be given in conventional lecture style. Assignments and/or quizzes may be given to students by staff participating in the course. Useful Resources Electronic periodicals present at the University Library web site Course Content Week Topics Chapter in Textbook & Handouts 1 Introduction Prof Habashneh Oct 14 2 Embryology, anatomy, histology, and biochemistry of the gingival Embryology, anatomy, histology, and biochemistry of the PDL Dr Hudieb Oct21 3 Embryology, anatomy, histology, and biochemistry of the cementum Embryology, anatomy, histology, and biochemistry of the alveolar bone Dr Hudieb Oct 28 4 Classification of periodontal diseases I Classification of periodontal diseases II Dr Abdelhafez Nov 11 5 First exam 6 Pathology & pathogenesis of periodontal diseases I. (theories & principles) Pathology & pathogenesis of periodontal diseases II. (molecular principles) Dr Al shorman Nov 18 7 Epidemiology of periodontal diseases, periodontal parameters what do they mean? Etiological & risk factors for periodontal diseases I (plaque/inflam. mediators). Prof Habashneh Nov 22 8 Etiological & risk factors for periodontal diseases II (local). Etiological & risk factors for periodontal diseases III (systemic) Dr Hammad Nov 29 9 Examination, diagnosis, and treatment planning in periodontics Radiographic assessment in periodontics Dr Abdelhafez Dec 6 10 Plaque control rational and techniques. Gingivitis diagnosis and treatment. Dr Hammad Dec 13 Sec Exam 11 Gingival enlargement & other gingival conditions. Dr Hammad Dec 20 12 Genetic predisposition to periodontitis Prof Habashneh Dec 27 13 Prognosis of teeth affected with periodontal diseases Prof Habashneh Dec 31 Additional Notes

Instructor

Name	Prof. Rola Al Habashneh
Office Location	-
Office Hours	
Email	raalhabashneh@just.edu.jo

Class Schedule & Room

Section 1:
 Lecture Time: U : 09:00 - 11:00
 Room: HOSPITAL

Teaching Assistant

Hisham Al-Shorman()

Mapping of Course Outcomes to Program Student Outcomes	Course Outcome Weight (Out of 100%)	Assessment method
Learning all basic information related to erio	20%	
understanding anatomy and perio foundation	20%	
understanding regeneration concept	30%	
understanding maintenance and follow ups	30%	

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	Knowledge-pediatric dentistry	Written assignments	Clinical skills pediatric dentistry

Evaluation	
Assessment Tool	Weight
Mid exam last week Nov	30%

Policy	
Professionalism	understand perio diseases
Treatment policies	treatment modalities in perio

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