



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

DENT743B Clinical Training In Endodontics(8)
Second Semester 2023-2024

Course Catalog
3 Credit Hours. This is a clinical course dedicated to provide advanced training in endodontics for senior postgraduate students. It includes management of advanced cases both non surgical and surgical management. Students are expected to need minor supervision and, independent decision making. students are expected to finish a minimum number of 70 cases, with wide coverage and high technical quality. Throughout the course students has to submit and present 2 cases reports selected from the cases that they managed.
Teaching Method: On Campus

Text Book	
Title	Cohen's Pathways of the Pulp
Author(s)	Louis H. Berman, Kenneth M. Hargreaves
Edition	12th Edition
Short Name	Textbook 1
Other Information	

Course References

Short name	Book name	Author(s)	Edition	Other Information
Textbook 2	Essential Endodontology	Dag Orstavik	3rd Edition	

Instructor	
Name	Prof. Aladdin Al-Qudah
Office Location	234
Office Hours	Sun : 08:00 - 14:00
Email	aqudah@just.edu.jo

Class Schedule & Room
Section 1: Lecture Time: Mon, Wed : 09:00 - 16:00 Room: D T C

Tentative List of Topics Covered		
Weeks	Topic	References
Weeks 1, 2, 3, 4, 5, 9, 13	non-surgical retreatment	
Weeks 5, 6, 9, 10	surgical re-treatment	
Weeks 7, 8	Regenerative Endodontics	
Weeks 11, 12	Vital pulp therapy	
Weeks 14, 15, 16	managemant of fractured instruments	
Weeks 3, 5, 7, 8, 9, 10, 11, 12	management of calcified canals, perforations and other procedural accidents	

Mapping of Course Outcomes to Program Outcomes	Course Outcome Weight (Out of 100%)	Assessment method
1-Demonstrate the ability to communicate with patients and present various treatment plans, time frames and financial charges involved.	15%	
2- Making appropriate clinical decisions in relation to history, clinical diagnosis, and setting-out appropriate treatment plans.	15%	
3- Be able to diagnose and identify the criteria of success and failure in RCT, the causes of endodontic failure and different treatment options.	15%	
4- Identify the causes and the treatment options for failed treatment.	15%	
5- Be familiar with all new techniques of RCT including electric pulp testing, digital radiography, rotary NiTi instruments, and modern obturation techniques.	15%	
6- Understand and differentiate between types of root resorption, and the treatment options available	15%	

7- Managing difficult clinical cases such as; perforation, resorption, fractured instruments?..	10%	
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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- Centred Care	2.2 Person- Centred Care	2.3 Person- Centred Care	2.4 Person- Centred Care	3.1 Responsibility, Communication, Professionalism and Ethics	3.2 Responsibility, Communication, Professionalism and Ethics	3.3 Responsibility, Communication, Professionalism and Ethics

Policy

Attendance	University rules regarding attendance will be respected and strictly followed
Professionalism	Student should demonstrate high level of professionalism when dealing with patients, supervisors, other staff members and colleagues

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