



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

DENT742A Clinical Training In Endodontics(4) - JNQF Level: 9

First Semester 2024-2025

Course Catalog

3 Credit Hours. This is a clinical course for 2nd year, MCLinDent, students which comprises four clinical training sessions each week. During this supervised training, students will have the chance to treat a wide range of patients with simple and complex endodontic problems. Emphasis will be placed on the use of contemporary Endodontic techniques and equipment. Diagnostic and treatment planning procedures will also be of prime importance in this course. The follow-up previously treated patients, will also be an important component of this clinical course. The course is designed to provide the 2nd year endodontics master students with the advanced knowledge and skills needed in managing different clinical endodontics cases, with more focus on challenging cases including retreatment, and endodontic surgery and the use of advanced techniques and equipment in endodontics

Teaching Method: On Campus

Text Book

Title	Cohen's Pathways of the Pulp
Author(s)	L Berman and K Hargreaves
Edition	12th Edition
Short Name	Endodontics
Other Information	

Course References

Short name	Book name	Author(s)	Edition	Other Information
2	Journal of Endodontics	JOE	1st Edition	Journal of the American association of Endodontists
3	International Endodontic Journal	IEJ	1st Edition	

Instructor

Name	Prof. Aladdin Al-Qudah
Office Location	234
Office Hours	
Email	aqudah@just.edu.jo

Class Schedule & Room

Section 1:
 Lecture Time: U :-
 Room: HOSPITAL

Tentative List of Topics Covered

Weeks	Topic	References
Weeks 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16	1) Root canal treatment (rotary & manual) 2) Obturation (Cold and Warm (WVC, Thermafil, Obtura III) 3) Retreatment cases 4) Single visit *students are encouraged to use apex locator and DOM	
Weeks 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16	1) Post removal 2) Fractured instrument management 3) Perforation/resorption repair 4) MTA Apexification/ revascularization 5) Endodontic microsurgery 6) Internal bleaching 7) Trauma cases	

Mapping of Course Outcomes to Program Outcomes and NQF Outcomes	Course Outcome Weight (Out of 100%)	Assessment method
Show advanced skills in history taking and clinical examination and patient management at a specialist level. [1PLO_9S1] [1L9S1]	25%	Intra-semester evaluation, Final evaluation
Demonstrate ability to work with different dental specialties to provide advanced total patient care. [1PLO_9S2] [1L9S2]	20%	Intra-semester evaluation, Final evaluation
Demonstrate ability to manage complex clinical scenarios, using update evidence based approaches. [1PLO_9C6.1] [1L9C6]	25%	Intra-semester evaluation, Final evaluation
Engage in supervising undergraduate students in both clinical and preclinical training courses. [1PLO_9C4.1] [1L9C4]	10%	Intra-semester evaluation, Final evaluation
4_PLO_9C6.3 Demonstrate professional and ethical practice and in accordance with the code of practice of Jordan Medical Council and JADA [1PLO_9C6.3] [1L9C6]	10%	Intra-semester evaluation, Final evaluation

Apply accurate documentation of all aspects of clinical examination and treatment to facilitate total patient care [1PLO_9C6.2] [1L9C6]	10%	Intra-semester evaluation, Final evaluation
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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

Relationship to NQF Outcomes (Out of 100%)			
L9S1	L9S2	L9C4	L9C6
25	20	10	45

Evaluation	
Assessment Tool	Weight
Intra-semester evaluation	40%
Final evaluation	60%

Policy	
Attendance	Students are required to attend all clinical sessions and comply with university rules on absenteeism
Professionalism	Student are required to practice high level of professionalism and follow the ethical code of practice

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