



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

DENT533 Paediatric Dentistry Iv - JNQF Level: 7

First Semester 2023-2024

**Course Catalog**

2 Credit Hours. This is an undergraduate course, which has two components, theoretical (1 credit hour), and practical (1 credit hour). The theoretical component is in the form of 12 lectures that cover more advanced topics in pediatric dentistry in the form of seminars. The practical component is in the form of clinical sessions that students attend and are responsible for treating patients according to a set of requirements.

**Text Book**

Title	Pediatric Dentistry. Infancy through adolescence
Author(s)	Nowak, Arthur J., John R. Christensen, Tad R. Mabry, Janice Alisa Townsend, and Martha H. Wells
Edition	6th Edition
Short Name	1
Other Information	

**Course References**

Short name	Book name	Author(s)	Edition	Other Information
2	Dentistry For the Child and Adolescent	McDonald, Avery and Dean	10th Edition	
3	Handbook of Pediatric Dentistry	Cameron A, Widmer R	3rd Edition	
4	Paediatric dentistry	Welbury, R., Duggal, M. S., & Hosey, M. T.	5th Edition	

**Instructor**

Name	Dr. Mawia Bataineh
Office Location	-
Office Hours	
Email	mabataineh0@just.edu.jo

**Class Schedule & Room**

Section 1:  
 Lecture Time: Thu : 18:00 - 19:00  
 مآزمن الحضور منصة الكترونية

**Tentative List of Topics Covered**

Weeks	Topic	References
Week 1	Minimal Invasive Dentistry (MID)	From 4
Week 2	Development of occlusion and space loss	From 2
Week 3	Space management and space analysis	From 2
Week 4	Space maintainers. & Clinical and laboratory components of space management	From 2
Week 5	Relative analgesia and advances in LA	From 4
Week 6	Molar incisor Hypomineralisation	From 3, From 4
Week 7	Advances in caries diagnosis and pre-eruptive lesions	From 4
Week 8	Common oral medical problems	From 1
Week 9	Tooth Wear in children and adolescents	From 1, From 4
Week 10	Management of medical emergencies in the dental clinic	From 1
Week 11	Drug use and prescription in pediatric dentistry	

Mapping of Course Outcomes to Program Outcomes and NQF Outcomes

Course Outcome Weight (Out of 100%)	Assessment method
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Identify deferent types of space analysis methods and recognize deferent types of space maintainers and their indications [101.4 Scientific Knowledge and Cognitive Skills] [1L7K1]	10%	
List criteria for diagnose of MIH, and different treatment approach. [101.2 Scientific Knowledge and Cognitive Skills] [1L7K1]	10%	
Define deferent types of tooth wear and its managements [101.2 Scientific Knowledge and Cognitive Skills] [1L7K1]	10%	
Describe deferent oral lesions that can be seen in children [101.2 Scientific Knowledge and Cognitive Skills] [1L7K1]	10%	
Recognize medical emergencies that might occur while treating children and recall how to manage them, and Identify drugs used in pediatric dentistry [101.5 Scientific Knowledge and Cognitive Skills] [1L7K1]	10%	
Differentiate between indication and use of local anesthesia and relative analgesia [51.5 Scientific Knowledge and Cognitive Skills] [1L7K1]	5%	
Interpret new methods of caries diagnosis, and Recognize the principles of MID [51.3 Scientific Knowledge and Cognitive Skills] [1L7K1]	5%	
Develop clinical skills to properly examine, diagnose and manage common oral problems and disease in children [102.1 Person Centered Care] [1L7S1, 1L7C4]	10%	
Implement different preventive measures including fluoride therapy, fissure sealant and preventive resin restoration depending on the caries risk assessment. [102.2 Person Centered Care] [1L7S2]	10%	
Provide restorative dental treatment for primary and permanent dentition in children [102.2 Person Centered Care] [1L7S2]	10%	
Instill a positive dental attitude through properly managing children behavior. and Successfully communicate with parents in the pediatric dentistry setting. [53.1 Responsibility, Communication, Professionalism and Ethics] [1L7C2]	5%	
Successfully recognize cases requiring consultations and referrals to different other specialties and understand the concept of interdisciplinary approach to management, and demonstrate skills using the Dental records and skill to complete referral and consultation forms [53.4 Responsibility, Communication, Professionalism and Ethics] [1L7C2]	5%	

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 Skillsledge	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	5	10	15			10	20			5		

Relationship to NQF Outcomes (Out of 100%)				
L7K1	L7S1	L7S2	L7C2	L7C4
60	5	20	10	5

Evaluation	
Assessment Tool	Weight
Final written exam	25%
Final clinical and OSCE exam	25%
Semester grade (clinical requirements)	40%
Final VIVA	10%

Policy	
Exams	All exams are closed book and notes. The final exam is comprehensive (covers all the material). Incomplete exams need approval from the dean.
Cheating	Prohibited; and in case of cheating the student will be subject to punishment according to the faculty policies .
Attendance	Students are expected to attend all more than 90% of lectures and clinics.
Participation	Is encouraged although no marks assigned for Participation
Laboratory	practical component will be held in the pediatric dentistry clinics- at the university campus.
Withdraw	According to the university policies.

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