

1	Course title	Pediatric Dentistry Theory 1
2	Course number	
3	Credit hours (theory, practical)	One credit hours
	Contact hours (theory, practical)	One hours /week (theory)
4	Prerequisites/corequisites	None
5	Program title	Master of Science in Pediatric Dentistry
6	Program code	NA
7	Awarding institution	The University of Jordan
8	School	Faculty of Dentistry
9	Department	Department of Pediatric dentistry and orthodontics
10	Level of course	Master
11	Year of study and semester (s)	First year, first semester
12	Final Qualification	MSc
13	Other department (s) involved in teaching the course	None
14	Language of Instruction	English
15	Date of production/revision	17/ OCT/2018

16. Course Coordinator:

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Name: Prof.Lamis Rajab
Email: lamisr@ju.edu.jo

17. Other instructors:

Prof. Mahmoud Hamdan anwarm@ju.edu.jo
Prof Ahmad Hamdan hamdan-a@ju.edu.jo

18. Course Description:

Besides introducing the postgraduate student to basic behaviour management techniques accepted for treatment of the difficult and apprehensive child patient, this course focuses on the scientific foundations of clinical practice, infection control, history, examination and treatment planning.

19. Course aims and outcomes:

A- Aims:

To provide students with the academic knowledge to enable them to assess the needs and to provide appropriate treatment for paediatric patients with carious and pulpally involved primary and young permanent teeth.

B- Intended Learning Outcomes (ILOs): Upon successful completion of this course students will be able to...

1. Apply the aspects of Infection control into clinical practice.
2. Understand physical, psychological and cognitive child development and how this applies to behavioural management
3. Be able to formulate a treatment plan and include the categories of prevention, restorations, surgical procedures, space maintenance, recall and referral when necessary
4. Analyse the different non- pharmacological behaviour management techniques, and be able to determine and utilise the most effective system in the treatment of paediatric patients
5. Compare the types and techniques of local anaesthesia and recommend the techniques to be used for paediatric patients.
6. Evaluate the pharmacological behaviour management techniques of sedation and general anaesthesia and be able to recommend and utilise them in the treatment of paediatric patients.
7. Examine the process of dental caries and caries risk assessment in paediatric patients and employ the knowledge in clinical practice.
8. Assess the dental caries prevention methods that are available and be able to make recommendations on caries prevention.
9. Compare based on the knowledge of different properties of dental materials and then recommend restorative techniques to be used in the treatment of paediatric patients.
10. Examine in detail the concepts in assessing and treating primary and permanent dental pulps in paediatric patients.
11. Analyse and employ of hospital dental services in the treatment of paediatric patients as well as assess the different scales for measuring pain and anxiety in paediatric patients.
12. Be able to apply the knowledge gained through the theoretical part of this course into the clinical part resulting in successful patient management

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20. Topic Outline and Schedule:

Topic	Week	Instructor	Achieved ILOs	Evaluation Methods	Reference
Infection control in clinical practice. Introduction to the dental surgery Psychology of child development.	1, 2, 3	Prof.Lamis Rajab	1,2,12	Midterm and final exams	25 (A, B)
History, examination, and treatment planning. Non-pharmacologic management of children's behaviour.	4, 5	Prof.Lamis Rajab	3 ,4,12	Midterm and final exams	25 (A, B)
Non-pharmacologic management of children's behaviour. Pain perception and control.	6, 7	Prof.Lamis Rajab	4,12	Midterm and final exams	25 (A, B)
Local anaesthesia for paediatric patients	8, 9	Prof.Lamis Rajab	5,12	Midterm and final exams	25 (A, B)
Pharmacologic management of children's behaviour. (sedation)	10, 11, 12	Prof.Lamis Rajab	6,12	Midterm and final exams	25 (A, B)

21. Teaching Methods and Assignments:

. Development of ILOs is promoted through the following teaching and learning methods:

- 1- 1 seminar per week of one-hour duration which students will prepare based on their search for the most relevant and related literature

22. Evaluation Methods and Course Requirements:

Opportunities to demonstrate achievement of the ILOs are provided through the following assessment methods:

- Midterm exam: 50 %
- Final Exam: 50 %

23. Course Policies:

A- Attendance policies:

Seminar and lecture attendance is obligatory. Students are not allowed to attend final exam if they exceed the permitted percentage set in the UJ's regulations.

B- Absences from exams and handing in assignments on time:

The student will be allowed to set for a make-up exam (usually essay) if he/she did not attend the exam due to an acceptable excuse and the excuse was presented in due time as set in the UJ's regulations. If he/she did not attend an exam without an acceptable excuse the student's mark for that exam will be zero. Contributions in e-learning forums are accepted if submitted 24 hours before time of final exam.

C- Health and safety procedures:

No special recommendations.

D- Honesty policy regarding cheating, plagiarism, misbehavior:

Cheating is considered an unacceptable behavior in exams and a reason for unsuccessful course result. Please refer for your *Student Guide* book for detailed regulations.

E- Grading policy:

Percentage marks are converted to letters. (A)/(A-) are usually given for top 10-15% of students. Percentage mark < 50 does not mean a mark of (D-) or (F).

F- Available university services that support achievement in the course:

Students can utilize UJ's medical or main library facilities. In addition, they can access e-journals and e-books within campus. They can access the Moodle e-learning through the UJ's wireless internet facilities for free or through the computer lab in the Faculty of Dentistry. A lot of other facilities and support can be provided through the Deanship of Student Affairs.

24. Required equipment: (Facilities, Tools, Labs, Training....)

None special

25. References:**Required book (s), assigned reading and audio-visuals:**

- 1- Paediatric Dentistry. Richard R. Welbury, Oxford, Edt. 4th edition. 2012.
- 2- Dentistry for the child and adolescent. Ralph E. McDonald, David R. Avery. St. Louis, Toronto, London. C.V. Company.9th edition. 2010.
- 3- Pediatric Dentistry: Infancy Through Adolescence. Pinkham JR. W.B. Suannder Company. Philadelphia, London. 5th edition. 2013.

Recommended books, materials, and media:

- Selected articles from the following journals:
 - Journal of Dentistry for Children
 - Pediatric Dentistry. The journal of the American Academy of Pediatric Dentistry.
 - International Journal of Paediatric Dentistry.
 - Dental Traumatology
 - Community Dental Health.

Specific web sites related to Pediatric Dentistry

26. Additional information:

Name of Course Coordinator: **Prof Lamis Rajab**-----Signature: ----- Date: -----

Head of curriculum committee/Department: ----- Signature: -----

Head of Department: ----- Signature: -----

Head of curriculum committee/Faculty: ----- Signature: -----

Dean: ----- -Signature: -----