

1	Course title	Pediatric Dentistry Theory II
2	Course number	
3	Credit hours (theory, practical)	One credit hour
	Contact hours (theory, practical)	One hour /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, second 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:

Name: Prof.Lamis Rajab

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#### 17. Other instructors:

Prof. Mahmoud Hamdan [anwarm@ju.edu.jo](mailto:anwarm@ju.edu.jo)

Prof Ahmad Hamdan [hamdan-a@ju.edu.jo](mailto:hamdan-a@ju.edu.jo)

**18. Course Description:**

This course aims to study the principles of management of dental trauma in the child patient and adolescent. A detailed description of the histological and clinical sequelae of dental trauma and the evidence-based methods of its treatment are presented.

**19. Course aims and outcomes:**

**A- Aims:**

Fully understand the aspects of examination, diagnosis and treatment planning for paediatric patients suffering from dental trauma

Relate advances in the subject of dental traumatology in view of current literature.

Utilise interdisciplinary management in the overall treatment of dental trauma when needed.

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

1. Understand the epidemiology and aetiology of traumatic dental injuries.
2. Appraise the different types of primary and permanent tooth trauma at the clinical and histopathological levels
3. Take a proper history, examine, assess and arrive at a diagnosis for traumatic dental injuries in paediatric patients.
4. Be familiar with emergency and long term management of all types of trauma
5. Understand factors affecting the prognosis of traumatised teeth
6. Identify the need for referral and interdisciplinary management when needed.
7. Read and understand related literature and guidelines.
8. Be familiar with and know how to place different types of splints.
9. Transfer the knowledge gained through the theoretical part of this course into proper management of dental trauma
10. Analyse the relevant literature on auto transplantation of anterior teeth.
11. Evaluate and be able to refer for the orthodontic management of the traumatized dentition.
12. Assess the literature present on child abuse and neglect as it relates to paediatric dental patients and be able to apply the knowledge into clinical practice.

**20. Topic Outline and Schedule:**

Topic	Week	Instructor	Achieved ILOs	Evaluation Methods	Reference
Dental caries in the child and adolescent. Caries risk assessment and early detection of caries.	1, 2	Prof.Lamis Rajab	7,12	Midterm and final exams	25 (A, B)

Control and Prevention of dental caries.	3,4	Prof.Lamis Rajab	8,12	Final Exam	25 (A, B)
Dental materials. Restorative dentistry for primary teeth.	5,6	Prof.Lamis Rajab	9,12	Final Exam	25(A,B)
Restorative dentistry for permanent teeth.	7,8	Prof.Lamis Rajab	9,12	Final Exam	25(A,B)
The primary dental pulp. Biology of the dental pulp.	9, 10	Prof.Lamis Rajab	10,12	Final Exam	25(A,B)
The primary dental pulp Diagnosis, treatment planning and available techniques.	11, 12	Prof.Lamis Rajab	10,12	Final Exam	25(A,B)
Pulp therapy for young permanent teeth.	13	Prof.Lamis Rajab	10,12	Final Exam	25(A,B)
Hospital dental services for children and the use of general anaesthesia. Scales for measuring pain and anxiety.	14	Prof.Lamis Rajab	11,12	Final Exam	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. 4<sup>th</sup> edition. 2012.
- 2- Dentistry for the child and adolescent. Ralph E. McDonald, David R. Avery. St. Louis, Toronto, London. C.V. Company.9<sup>th</sup> edition. 2010.
- 3- Pediatric Dentistry: Infancy Through Adolescence. Pinkham JR. W.B. Suannder Company. Philadelphia, London. 5<sup>th</sup> 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:

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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: -----