

1	Course title	Pediatric Dentistry Theory IV
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)	Second 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

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:

<p>This course aims to educate the postgraduate on the dental anomalies that may present in the child patient and the advanced restorative techniques available for their management. The clinical sessions will provide the student with the opportunity to provide multi-disciplinary care for patients through orthodontic and restorative consultation. Students will be required to attend 1 month clinical rotations in oral surgery clinics to offer sufficient clinical experience to enable the student to achieve competency in the assessment and management of orofacial trauma, infections, and dental pain, surgical exposure of teeth and surgical removal of supernumerary teeth</p>
--

19. Course aims and outcomes:

- A- To provide students with the academic knowledge to enable them to assess the needs and to provide appropriate treatment for pediatric patients with carious and pulpally involved primary and young permanent teeth.
- To provide students with the academic knowledge to enable them to assess the needs and to provide appropriate immediate and subsequent treatment for traumatically involved teeth in children
- To provide students with the academic knowledge to enable them to assess and to provide appropriate treatment for young patients subjected to dental trauma.

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

1. Understand different acquired and developmental dental anomalies and be able to diagnose them properly
2. Be familiar with advanced restorative options
3. Be able to formulate a treatment plan which guarantees long term success
4. Identify the need for interdisciplinary management
5. Read and understand related literature
6. Be able to provide patients with full coverage anterior and posterior restorations

Be able to transfer the knowledge gained through the theoretical part of this course into proper management of anomalies of number, shape, and structure

- 1.

20. Topic Outline and Schedule:

Topic	Week	Instructor	Achieved ILOs	Evaluation Methods	Reference
Acquired and developmental disturbances of the teeth; Agensis of teeth, Hypodontia and Hyperdontia	1	Prof.Lamis Rajab	1,2,3,4,5, 6,7	Midterm and final exams	25 (A, B)
Abnormalities in tooth size, form and root form	2	Prof.Lamis Rajab	1,2,3,4,5, 6,7	Midterm and final exams	25 (A, B)

Acquired and developmental disturbances of the teeth; enamel defects	3	Prof.Lamis Rajab	1,2,3,4,5, 6,7	Midterm and final exams	25 (A, B)
--	---	------------------	-------------------	-------------------------	-----------

Molar Incisor Hypomineralisation	4	Prof.Lamis Rajab	1,2,3,4,5,6,7	Midterm and final exams	25 (A, B)
Amelogenesis imperfecta	5	Prof.Lamis Rajab	1,2,3,4,5,6,7	Midterm and final exams	25 (A, B)
Acquired and developmental disturbances of the teeth(Dentine and Cementum Defects)	6	Prof.Lamis Rajab	1,2,3,4,5,6,7	Midterm and final exams	25 (A, B)
Tooth discoloration	7	Prof.Lamis Rajab	1,2,3,4,5,6,7	Midterm and final exams	25 (A, B)
Acquired and developmental disturbances of the teeth; Micrognathia,	8	Prof.Lamis Rajab	1,2,3,4,5,6,7	Final Exam	25 (A, B)
Acquired and developmental disturbances of the teeth; Anomalies of the tongue and Labial Frenum	9	Prof.Lamis Rajab	1,2,3,4,5,6,7	Final Exam	25(A,B)

Infraoccluded Teeth	10	Prof.Lamis Rajab	1,2,3,4,5, 6,7	Final Exam	25(A,B)
Dental erosion and management	11	Prof.Lamis Rajab	1,2,3,4,5, 6,7	Final Exam	25(A,B)
Eruption of the teeth: local, systemic, and congenital factors that influence the process: Part I	12	Prof.Lamis Rajab	1,2,3,4,5, 6,7	Final Exam	25(A,B)
Eruption of the Teeth: Local, Systemic, and Congenital Factors That Influence the Process Part II	13	Prof.Lamis Rajab	1,2,3,4,5, 6,7	Final Exam	25(A,B)
Osseo-integrated implants in children	14	Prof.Lamis Rajab	1,2,3,4,5, 6,7	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. 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: -----