

1	Course title	Paediatric Dentistry Clinical-1
2	Course number	1303488
3	Credit hours (theory, practical)	One credit hour (Clinical)
	Contact hours (theory, practical)	Two hours /week
4	Prerequisites/corequisites	None
5	Program title	Doctor of Dental Surgery (DDS)
6	Program code	NA
7	Awarding institution	The University of Jordan
8	School	Faculty of Dentistry
9	Department	Department of Paediatric dentistry and orthodontics
10	Level of course	Bachelor
11	Year of study and semester (s)	Fourth year, second semester
12	Final Qualification	DDS
13	Other department (s) involved in teaching the course	None
14	Language of Instruction	English
15	Date of production/revision	1/2/2020

16. Course Coordinator:

Name: Dr. Ahmad Aljafari
Email: ahmad.jafari@ju.edu.jo

17. Other instructors:

Dr Rawan Elkarmi
Dr. Amani Dahabreh (part timer)
Dr. Noor AlFarah (part timer)
Dr Rami Al-Farah (part timer)
Dr Ibrahim Dabous (part timer)

18. Course Description:

This course is an introduction to clinical Paediatric Dentistry. Students learn principals of history taking, examination and treatment planning of paediatric patients. Students also learn how to perform fissure sealant of permanent molars, pulpotomy of primary molars, stainless steel crown preparation and other procedures.

19. Course aims and outcomes:**A- Aims:**

- Provide the students with the basic clinical knowledge needed to examine and plan treatment for paediatric patients.
- Introduce the students to basic clinical techniques used in the provision of treatment to paediatric patients.

B- Intended Learning Outcomes (ILOs).

- 1- Record complete relevant history for a child attending for dental treatment and competent in charting teeth in the primary dentition.
- 2- Perform relevant clinical and radiographic examination for a child and competent in interpreting basic radiographic findings in primary/mixed dentition.
- 3- Recognize common oral health conditions affecting paediatric patients.
- 4- Plan treatment for simple paediatric dentistry cases, including prevention, restorations, surgical procedures, space maintenance, consultations and recalls.
- 5- Know local anaesthesia techniques, agents, and toxicity when used in paediatric patients.
- 6- Perform a pulpotomy on a primary molar and know how to prepare primary molars for a stainless steel crown.
- 7- Know the approaches to caries prevention in children and competent in analysing a dietary diary and give relevant dietary advice..
- 8- Competent in applying resin-based fissure sealant.
- 9- Knows how to examine simple dental trauma cases and basic treatment required, including trauma splinting.
- 10- Know the indications for space maintainers as well as the process of their construction.

20. Topic Outline and Schedule:

Topic	Week	Instructor	Achieved ILOs	Evaluation Methods	Reference
Introduction to history and examination of paediatric patients.	1	Dr. Ahmad Aljafari	1,2	Course work, Midterm and final exams	Paediatric Dentistry, 3 rd edition, Welbury, Duggal, Hosey, Oxford 2005

Clinical and radiographic diagnosis	2	Dr. Ahmad Aljafari	2,3	Course work, Midterm and final exams	Paediatric Dentistry, 3 rd edition, Welbury, Duggal, Hosey, Oxford 2005
Treatment planning in paediatric dentistry	3	Dr. Ahmad Aljafari		Course work, Midterm and final exams	Paediatric Dentistry, 3 rd edition, Welbury, Duggal, Hosey, Oxford 2005
Administration of local anaesthesia and extraction techniques	4	Dr. Ahmad Aljafari	5	Course work, Midterm and final exams	Paediatric Dentistry, 3 rd edition, Welbury, Duggal, Hosey, Oxford 2005
Case discussion I	5	Dr. Ahmad Aljafari	1,2,3,4,5	Course work, Midterm and final exams	Paediatric Dentistry, 3 rd edition, Welbury, Duggal, Hosey, Oxford 2005
Case discussion II	6	Dr. Ahmad Aljafari	1,2,3,4,5	Course work, Midterm and final exams	Paediatric Dentistry, 3 rd edition, Welbury, Duggal, Hosey, Oxford 2005
Case discussion III	7	Dr. Ahmad Aljafari	1,2,3,4,5	Course work, Midterm and final exams	Paediatric Dentistry, 3 rd edition, Welbury, Duggal, Hosey, Oxford 2005
Pulp Therapy in primary teeth	8	Dr. Ahmad Aljafari	6	Coursework and final exam	Paediatric Dentistry, 3 rd edition, Welbury,

					Duggal, Hosey, Oxford 2005
Prevention of dental caries in children (I).	9	Dr. Ahmad Aljafari	7	Coursework and final exam	Paediatric Dentistry, 3 rd edition, Welbury, Duggal, Hosey, Oxford 2005
Prevention of dental caries in children (II): Fissure sealants.	10	Dr. Ahmad Aljafari	8	Coursework and final exam	Paediatric Dentistry, 3 rd edition, Welbury, Duggal, Hosey, Oxford 2005
Dental trauma I: History, examination, and diagnosis	11	Dr. Ahmad Aljafari	9	Coursework and final exam	Paediatric Dentistry, 3 rd edition, Welbury, Duggal, Hosey, Oxford 2005
Dental trauma II: Introduction to treatment planning	12	Dr. Ahmad Aljafari	9	Coursework and final exam	Paediatric Dentistry, 3 rd edition, Welbury, Duggal, Hosey, Oxford 2005
Space maintainers	13	Dr. Ahmad Aljafari	10	Coursework and final exam	Paediatric Dentistry, 3 rd edition, Welbury, Duggal, Hosey, Oxford 2005

21. Teaching Methods and Assignments:

- 1- Thirteen Lab sessions (2 hours per session).
- 2- E-learning: video demonstrations for clinical procedures.

22. Evaluation Methods and Course Requirements:

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

- Lab based requirements and quizzes: 50 points
- Midterm exam: 10 points
- Final Exam: 40 points
- Competency in: Tooth charting in mixed-dentition, intra-oral radiograph interpretation in mixed/primary dentition, dietary sheet analysis and advice, fissure sealant application.

23. Course Policies:

A- Attendance policies:

Lecture attendance is obligatory. The hand-out and recommended textbook are not comprehensive and additional material will be covered in lectures. You are responsible for all material covered in lectures and material covered in e-learning discussions. Students are not allowed to enter lecture room after 5 minutes of its start. Marks are not awarded for attendance. 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,...)

Paediatric dentistry lab facility

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

Paediatric Dentistry, 3rd edition, Welbury, Duggal, Hosey, Oxford 2005

- Handbook of Pediatric Dentistry. Angus C. Cameron and Richard P. Widmer. Mosby. 4th edition, 2013.
- Dentistry for the child and adolescent. Ralph E. McDonald, David R. Avery. St. Louis, Toronto, London. C.V. Company. 9th edition. 2010.
- Pediatric Dentistry: Infancy Through Adolescence. Pinkham JR. W.B. Saunders Company. Philadelphia, London. 5th edition. 2013.
- 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
- Specific web sites related to Pediatric Dentistry
 - www.aapd.org
 - www.bspd.co.uk

B- 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:

On average you should expect to spend between 3 and 5 hours per week on this course

Name of Course Coordinator: **Ahmad Aljafari** Signature: ----- Date: **1/2/2020**

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

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

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

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