

1	Course title	Dental management of children with disabilities and the medically compromised
2	Course number	1303783
3	Credit hours (theory, practical)	Two credit hours
	Contact hours (theory, practical)	Two hours/week (theory)
4	Prerequisites/corequisites	None
5	Program title	Master of Science in Paediatric Dentistry
6	Program code	NA
7	Awarding institution	The University of Jordan
8	School	School of Dentistry
9	Department	Department of Paediatric Dentistry and Orthodontics
10	Level of course	MSc
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	24/February /2019

16. Course Coordinator:

Office numbers, office hours, phone numbers, and email addresses should be listed.
 Prof Lamis Rajab
 lamisr@ju.edu.jo

17. Other instructors:

Office numbers, office hours, phone numbers, and email addresses should be listed.

18. Course Description:

The course entails discussions pertaining to genetics, physically and mentally disabled patient and/or associated craniofacial syndromes. During this course the student will also gain knowledge of dental aspects of systemic diseases in terms of their effect on dental treatment and their effect on the oral hard and soft tissues. They will learn the effects of drugs used in the treatment of systemic diseases on the oral health of the patient and the how they complicate dental treatment. Students treat medically compromised patients and those with disabilities. Comprehensive treatment is rendered with a variety of management techniques, including conscious sedation and general anesthesia.

19. Course aims and outcomes:

A- Aims:

- Fully understand the aspects of genetics with regards to physically and mentally disabled patient and/or associated craniofacial syndromes.
- Gain knowledge of dental aspects of systemic diseases in terms of their effect on dental treatment and their effect on the oral hard and soft tissues.
- Understand effects of drugs used in the treatment of systemic diseases on the oral health of the patient and the how they complicate dental treatment.
- Become familiar with aspects of inter-disciplinary treatment

B- Intended Learning Outcomes (ILOs):

Upon successful completion of this course students will be able to ...

1. Examine Oral and dental structures of children with disabilities and the Medically Compromised Patient
2. Analyze all types of barriers when treating children with disabilities and the Medically Compromised Patient
3. Examine concepts involved in the management of children with disabilities and the Medically Compromised Patient
4. Formulate treatment plan for children with disabilities and the Medically Compromised Patient.
5. Follow up of children with disabilities and the Medically Compromised Patient
6. Know when to refer to other specialists
7. Read and understand related literature
8. Know international guidelines related to children with disabilities and the Medically Compromised Patient

20. Topic Outline and Schedule:

Topic	Week	Instructor	Achieved ILOs	Evaluation Methods	Reference
Management of Dental Patients with Special Healthcare Needs, General Introduction	1	Prof. Lamis Rajab	1-8	Midterm and final exams	25 (A, B)
Mental disability: Intellectual impairment	2	Prof. Lamis Rajab	1-8	Midterm and final exams	25 (A, B)
Physical disability: Physical Impairment in Children and Other musculoskeletal disabilities	3	Prof. Lamis Rajab	1-8	Midterm and final exams	25 (A, B)
Management of children with Visual and Hearing impairment	4	Prof. Lamis Rajab	1-8	Midterm and final exams	25 (A, B)
Children with Cardiovascular Disorders	5	Prof. Lamis Rajab	1-8	Midterm and final exams	25 (A, B)
Disorders of the blood: Bleeding disorders	6	Prof. Lamis Rajab	1-8	Midterm and final exams	25 (A, B)
Disorders of the blood: Anemia, thalassemia and leukemia.	7	Prof. Lamis Rajab	1-8	Midterm and final exams	25 (A, B)
Respiratory disorders	8	Prof. Lamis Rajab	1-8	Final Exam	25 (A, B)
Convulsive disorders	9	Prof. Lamis Rajab	1-8	Final Exam	25(A,B)
Endocrine and metabolic disorders	10	Prof. Lamis Rajab	1-8	Final Exam	25(A,B)
Viral hepatitis	11	Prof. Lamis Rajab	1-8	Final Exam	25(A,B)

Dental Management of Children Undergoing Chemotherapy, Radiotherapy and Hematopoietic Cell Transplantation.	12	Prof. Lamis Rajab	1-8	Final Exam	25(A,B)
Medical Emergencies	13	Prof. Lamis Rajab	1-8	Final Exam	25(A,B)
Common Pediatric medications	14	Prof. Lamis Rajab	1-8	Final Exam	25(A,B)

21. Teaching Methods and Assignments:

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

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

- 1- 1 seminar per week of 2 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 and requirements:

Each student will prepare and present a number of seminars which they will be assessed on

23. Course Policies

A- Attendance policies:

Seminar and clinic 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 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.

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.

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:

A- 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. Suander Company. Philadelphia, London. 5th edition. 2013.

4- Medical Principles and practice. Scully, 7th edition, 2014

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.
 - www.aapd.org
 - www.iadt.org

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: -----