

The University of Jordan
Faculty of Dentistry
Department of Pediatric Dentistry, Orthodontics and Preventive Dentistry

Course Title: Pediatric Dentistry Theory -2

Course Code: 1303585

Prerequisite: 1303485, 1303486

Course Coordinator: Dr. Suha Abu-Ghazaleh

Year: 5th year, first semester

Credit: 1 credit hour

Instructors:

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Course Objectives:

- 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.

Teaching methods:

- Duration: 16 weeks, 16 hours in total.
- Lectures: 14 hours, 1 per week + two weeks for exams.

Modes of assessment:

- Midterm exam: 50 points, MCQs.
- Final Exam: 50 points, MCQs.

Attendance policy:

Lecture attendance is obligatory. The references and recommended textbook are not comprehensive and additional material will be covered in lectures. You are responsible for all material covered in lectures.

Course Content

Lecture no.	Subject	Material covered	
1-3	The primary dental pulp: biologic principles of protection & treatment.	<ul style="list-style-type: none"> • Methods for assessment of primary dental pulp • Principles of treatment of primary dental pulp 	<ul style="list-style-type: none"> • Available techniques for management • Indications, contra-indications and follow-up
4-5	Pulp therapy for young permanent teeth.	<ul style="list-style-type: none"> • Methods for assessment of the status of pulp in young permanent teeth. 	<ul style="list-style-type: none"> • Available techniques for management • Indications, contra-indications and follow-up
6	The stainless steel crown (S.S.C).	<ul style="list-style-type: none"> • Indications • Advantages and disadvantages 	<ul style="list-style-type: none"> • Preparation and cementation • New techniques
7-8	Oral pathology in children & adolescents.	<ul style="list-style-type: none"> • Eruption of teeth: local, systemic, & congenital factors that influence the process. 	<ul style="list-style-type: none"> • Variation in the chronology. • Troubles associated with tooth eruption (Difficult eruption)
9	Oral manifestations of congenital & systemic diseases.	Oral manifestations of congenital & systemic diseases	<ul style="list-style-type: none"> • Early loss of teeth. Delayed eruption of teeth
10	Early Childhood Caries	<ul style="list-style-type: none"> • Definition and pattern. • Predisposing factors 	<ul style="list-style-type: none"> • Prevention • Treatment
11	Dental anomalies	<ul style="list-style-type: none"> • Abnormality of tooth number. • Abnormality of tooth size. 	<ul style="list-style-type: none"> • Abnormality of tooth form. • Abnormality of tooth structure.

12-14	Dental trauma in children & its management.	<ul style="list-style-type: none"> • Etiology • Medical and dental (injury) history and examination, 	<ul style="list-style-type: none"> • Classification • Emergency management • Treatment & follow-up.

References and Supporting Material:

- Paediatric Dentistry. Richard R. Welbury, Oxford, Edt. 3rd edition. 2005.
- Dentistry for the child and adolescent. Ralph E. McDonald, David R. Avery. St. Louis, Toronto, London. C.V. Company.9th edition. 2011.
- Pediatric Dentistry: Infancy through Adolescence. Pinkham JR. W.B. Saunders Company. Philadelphia, London. 4th edition. 2005.
- Handbook of Pediatric Dentistry. Angus C. Cameron and Richard P. Widmer. Mosby. 3rd edition, 2008.
- Selected articles from the following journals:
 - ASDC Journal of Pediatric Dentistry
 - 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.