

Course Book

<p>Course Description</p>	<p>Course overview:</p> <ul style="list-style-type: none"> • Developing competency in the prevention and management of oral-facial health problems of children and adolescents. • Instilling the ability to provide comprehensive oral health care for patients with emotional, intellectual, or psychological disabilities. • Providing an understanding of the biological basis for paediatric dentistry and the application of scientific knowledge to clinical practice. • Developing practical administrative skills to provide efficient provision of dental health care. • Basic principles of nutrition. • Developing an understanding of general concepts and principles of pharmacology, anaesthetic drugs, pre-operative patient assessment. • Developing competency with a number of restorative materials as well as isolation techniques and digital film technology.
<p>Course objectives</p>	<p>On completion of this course the student will be able to:</p> <ul style="list-style-type: none"> • Understand development and basic principles of dealing with children and handicapped patients. • Relations with the dentist and patient. • Giving comfort, relieving pain • Removing fear and anxiety • prevention and education • Early diagnosis of disease and treatment • Managing children with special needs (physically, mentally and medically)
<p>Student's obligation</p>	<ul style="list-style-type: none"> • 24 hours theory in class, 24 hours Practical • 4 Quiz • 4 homework • 1 Report • 1 Seminar • 1 Midterm theory exam • 1 Midterm Practical Exam • 1 Final Theory Exam • 1 Final Practical Exam
<p>Required Learning Materials</p>	

	Task		Weight (Marks)	Due Week	Relevant Learning Outcome
Evaluation	Assignments	Homework	4		
		Class Activity	2		
		Report	8		
		Seminar	8		
		Project	14		
		Quiz	4		
		Lab.	6		
		Midterm Exam	16		
		Final Exam	40		
		Total			
	Specific learning outcomes:	<ol style="list-style-type: none"> 1. Pronounce, define, and spell the Key Terms. 2. Describe the appearance and setting of a pediatric dental office. 3. List the stages of childhood from birth through adolescence. 4. Discuss specific behavior techniques that work as positive reinforcement when one is treating children. 5. Describe why children and adults with special needs are treated in a pediatric practice. 6. Discuss the importance of preventive dentistry in pediatrics. 7. List the types of procedures that are performed for the pediatric patient compared with those performed to treat patients with permanent teeth. 			
Course References:	<p>Modern Dental Assisting, 10th Edition by Doni L. Bird CDA RDA RDH MA and Debbie S. Robinson CDA MS</p> <ul style="list-style-type: none"> ▪ Student Workbook for Modern Dental Assisting by Doni L. Bird CDA RDA RDH MA and Debbie S. Robinson CDA MS 				

Course topics (Theory)	Week	Learning Outcome
Objectives of Pediatric Dentistry	1	
Introduction to Pediatric Dentistry	2	
Management of child behaviour in clinic	3	
Child development and theories of development	4	
Child behavior in different ages	5	
Patients with Special Needs	6	
Prepare child and parents to visit dental clinic	7	
How to fill paediatric case sheet	8	
Primary teeth numbering	9	
Primary teeth restoration	10	
Materials and instruments used in primary teeth restoration	11	
Periodontal problems in child mouth	12	
Course topics (Practical)	Week	Learning Outcome
Local anaesthesia	1	
Fluoride application	2	
Instruments and material used for polishing and fluoride application	3	
Minor dental surgery in children	4	
Rubber dam	5	
x- Ray	6	
X- Ray	7	

Pulp treatment and its needs	8	
Pulp treatment and its needs	9	
Primary Teeth Restoration	10	
Primary Teeth Restoration	11	
Extraction Instrument	12	

Questions Example Design

1. Compositional:

What are the reasons for using space maintainers?

When a primary tooth or teeth are lost before it's normal exfoliation time.

1. True or false type of exams:
2. One of the advantages of rubber dam, it decreases the risk of aspiration of instrument.

Answer is TRUE

3. Multiple choices:

1- Fluoride deficiency can cause:

- a- Delay eruption of the teeth
- b- Anaemia
- c- high caries rate

Answer: C

Extra notes:

External Evaluator

Promote critical thinking of crucial course concepts. Identify and help students overcome the course. Lectures covered all aspects and fundamentals of Paediatric dentistry in dental assistant perspective.

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