

Faculty of Oral & Dental Medicine

Pedodontics & Public Health

Information :

Course Code : ORP 512

Level : Undergraduate

Course Hours : 2.00- Hours

Department : Faculty of Oral & Dental Medicine

Instructor Information :

Title	Name	Office hours
Associate Professor	Iman Alaaeldin Abdalla Farrag Massoud	8
Teaching Assistant	Rowan Abdelhak Tawfik Abdrabo	
Teaching Assistant	Esraa Moustafa Ibrahim Ali Hiza	

Area Of Study :

Provide student with knowledge & skills necessary for improvement, maintenance & treatment of oral health of infants, children, adolescents & children with special needs.

Enable students to provide preventive care for different pediatric age group

Description :

pulp therapy, space maintainer, traumatic injuries, nutrition, gingival and periodontal diseases, handicapped, stainless steel crowns.

Course outcomes :

a.Knowledge and Understanding: :

1 -	Identify the different restorative techniques and materials	
2 -	Classify traumatic injuries and select the appropriate management for	each class
3 -	Describe the different types of pulp therapy	
4 -	Describe different methods of space analysis and state the possible cases of space problems in both primary and mixed dentitions	management for different
5 -	Memorize the different types of periodontal diseases and their differential	diagnosis.
6 -	Recognize different treatment modalities for handicapped patients.	
7 -	Recognize the sequelae of untreated malocclusion and its influence on	oral health
8 -	Recognize the interrelationship between orthodontics and other dental	specialties
9 -	Recognize the iatrogenic effect in orthodontics	
10 -	Identify the moral and ethical responsibility involved in the provision of	care to individual patients and community

b.Intellectual Skills: :

1 -	Make decisions regarding management of deep caries in both primary and	permanent dentitions.
2 -	Integrate personal, medical and dental history together with clinical and manage both immediate and delayed effects of	traumatic injuries radiographic finding to

3 -	- Write a medical referral form for other specialties
4 -	communicate with children and their families using appropriate communication skills
5 -	show merciful attitude towards children & there parents and respectful attitude towards dental staff
6 -	Adhere to health and safety regulations as they greatly affect dental practice and environment

c. Professional and Practical Skills: :

1 -	clinically treat uncomplicated cases regarding cavity preparation and pulp therapy
2 -	Differentiate clinically between primary and permanent teeth
3 -	Detect and quantify caries using different caries indices
4 -	Detect and quantify inflammatory periodontal diseases using different periodontal indices.
5 -	Interpret different types of X-rays for child dental patient.
6 -	Perform appropriate cavity preparations and pulp therapy procedures in artificial and extracted teeth

d. General and Transferable Skills: :

1 -	Communicate effectively collaboratively with other department for proper tentative diagnosis and follow up of the case.
2 -	Demonstrate appropriate professional attitudes and behavior in different situations toward patients, colleagues and supervisors.

Course Topic And Contents :

Topic	No. of hours	Lecture	Tutorial / Practical
Pulp therapy	4		
Stainless Steel Crowns	4		
Trauma (Diagnosis & classification)	4		
Trauma (treatment)	4		
Reaction of teeth to trauma	4		
Space maintainers	4		
Introduction to handicapped	4		
Management of handicapped	4		
Management of handicapped	4		
Gingival and Periodontal diseases	4		
Nutrition	4		

Teaching And Learning Methodologies :

Lectures
discussion
Video tapes
Posters
Spottings
Case studies
Problem solving case
Samples, examples and mock ups

Demonstrations

Course Assessment :

Methods of assessment	Relative weight %	Week No	Assess What
Final Written Examination	25.00		
Mid Term Examinations	30.00		
Mid Term Practical Examination	20.00		
Oral Examination	10.00		
Practical Examination	15.00		

Course Notes :

- ~ Department books : available for students to purchase from the department secretary.
- ~ Slides and computer presentation used teaching
- ~ Acrylic teeth for cavity preparation for students to purchase from the department secretary
- ~ Natural extracted primary teeth

Recommended books :

- ~ Fundamentals of pediatric dentistry
- ~ Dentistry for the child and adolescent