

## 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
Assistant Lecturer	Maha Samy Mostafa El Habbak	

#### 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 & their 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
Spotting
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