

## Faculty of Oral & Dental Medicine

### Pedodontics & Public Health

#### Information :

**Course Code :** ORP 511

**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	9
Lecturer	MARIA NABIL LEITHY DAWOOD	2
Lecturer	ABLA AHMED MOHAMED ALY AHMED	1
Assistant Lecturer	Nourhan Saad Mohamed Ali	
Assistant Lecturer	Dina Nasr Mohamed Shehab Eldin	
Assistant Lecturer	MAHA SAMY MOSTAFA AHMED ELHABBAK	
Assistant Lecturer	Ayah Essam Wahba Hassan Almenawi	
Teaching Assistant	Esraa Moustafa Ibrahim Ali Hiza	
Teaching Assistant	Amira Mahmoud Sabry Mahmoud Elemam	
Teaching Assistant	Leena Amro Mohamed Ali Elsergany	
Teaching Assistant	Yosra Attia Mohamed Basuony	
Teaching Assistant	Amaal Ahmed Ibrahim Mohamed Mahmoud Elkabany	
Teaching Assistant	Rowan Abdelhak Tawfik Abdrabo	
Teaching Assistant	Jumana Adel Mohamed Alshafei	

#### 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 :

introduction to pediatric dentistry, first dental visit, eruption and chronology, morphology, occlusion, restoration of primary teeth, rampant caries, behavioural management, local anesthesia

#### Course outcomes :

##### **a. Knowledge and Understanding :**

1 -	Discuss the scientific principles of sterilization, disinfection and antisepsis.
2 -	Recognize the aim and benefits of pedodontics for ( children, dentist and nation )
3 -	State the importance of primary teeth

4 -	Describe the factors that influence the child behavior in dental office and management approaches	the different psychological
5 -	Describe the need for and types of premedications and their application in clinical practice.	
6 -	Recognize and illustrate the morphological differences between the primary and permanent dentition and their significance in clinical practice	
7 -	Describe the normal occlusion of pediatric patients at different ages of life.	
8 -	Recognize the different methods and techniques of pain control	
9 -	Memorize the different designs of caries detection and removal	

**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 radiographic finding to manage both immediate and delayed effects of traumatic injuries.	
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
Introduction, eruption and chronology	5		
Normal occlusion in children	5		
Morphology of primary and permanent teeth	5		
Restoration of primary teeth	5		
Behaviour managment	5		
First dental visit	5		
Sedation	5		
Local anaesthesia	5		
Management of deep caries	5		
EEC and rampant caries	5		

### **Teaching And Learning Methodologies :**

Lectures
Lecture with discussion
Video tapes a) Posters b) Slides c) Computer projections d) Samples, examples and mock ups e) Spottings
Class discussion
Case studies
Problem solving case
Demonstrations
Hands on training

### **Course Assessment :**

Methods of assessment	Relative weight %	Week No	Assess What
1st Mid Term Examination	15.00		assess knowledge and understanding.
2nd Mid Term Examination	15.00		assess knowledge and understanding
Final Written Examination			
Mid Term Practical Examination	20.00		assess clinical, intellectual and general skills
Oral Examination	10.00		assess knowledge and understanding
Practical Examination	1525.00		

### **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
- Both are available in the faculty library