

## Faculty of Oral & Dental Medicine

### Pedodontics

#### Information :

**Course Code :** PEDP 532

**Level :** Undergraduate

**Course Hours :** 2.00- Hours

**Department :** Faculty of Oral & Dental Medicine

#### Area Of Study :

- Provide student with knowledge & skills necessary for improvement, maintenance & treatment of oral health of infants, children, adolescents & children with special needs.
- To enable the students to diagnose and treat deep caries among children and adolescents.
- To provide students with knowledge about diagnosis, classification and treatment of traumatic injuries in primary and young permanent teeth.
- To provide students with knowledge about the therapeutic oral health care to infants, children, and adolescents including patients with Special Health Care Needs.
- To understand the need for space management in children.
- To provide students with knowledge about Early childhood caries.
- To provide students with knowledge about crowns in pediatric dentistry.
- To emphasize awareness about child abuse in pediatric patients

#### Description :

Early childhood caries  
 Management of deep caries in children  
 Stainless steel crowns  
 Child abuse  
 Traumatic injuries in children  
 Space maintainers  
 Molar incisor hypo-mineralization  
 Management of children with special health care needs

#### Course outcomes :

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

1 -	Recognize the etiology, clinical picture and management of early childhood caries
2 -	different techniques used in pulp therapy of primary and young permanent teeth.
3 -	Recognize the different types of crowns used for children.
4 -	Describe different classes of traumatic injuries in children.
5 -	Describe different methods of space analysis and the possible management for different cases of space problems in both primary and mixed dentitions.
6 -	Recognize different preventive and treatment modalities for patients with special health care needs
7 -	Recognize etiology, diagnosis and treatment modalities for MIH.

##### **b. Intellectual Skills: :**

1 -	Plan decisions regarding management of deep caries in both primary and young permanent dentitions.
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2 -	Integrate personal, medical and dental history together with clinical and radiographic finding to manage both immediate and delayed effects of traumatic injuries
3 -	- Distinguish between different types of space maintainers and their uses.
4 -	select the appropriate management for each class of traumatic injuries in children.
5 -	Criticize different types of pediatric crowns

**c. Professional and Practical Skills: :**

1 -	Treat clinically uncomplicated cases regarding pulp therapy in primary and young permanent teeth.
2 -	Detect signs of child abuse in pediatric patients
3 -	Calculate the arch length
4 -	Write a referral letter when needed

**d. General and Transferable Skills: :**

1 -	Communicate effectively with the child and child's parent(s) or caretaker.
2 -	Apply empathy towards children & their parents
3 -	Maintain respectful attitude towards dental staff.
4 -	- Adhere to health and safety regulations that greatly affect dental practice and environment.

**Teaching And Learning Methodologies :**

. Lecture with discussion

2 Demonstrations

Clinical sessions

Problem solving

**Course Notes :**

- ~ Slides and computer presentation used teaching
- ~ Handouts on the moodle

**Recommended books :**

- ~ McDonald , R. E.; Avery, D .R. and Dean J.A: Dentistry For The Child And Adolescent, 10 th ed. C.V Mosby, 2016
- ~ Guidelines of AAPD