

Faculty of Oral & Dental Medicine

Pedodontics

Information :

Course Code : PEDP 531

Level : Undergraduate

Course Hours : 2.00- Hours

Department : Faculty of Oral & Dental Medicine

Area Of Study :

This course provides the student with overall useful knowledge about pediatric dentistry to implement it on pediatric dental patients in order to develop a more ideal oral structure from a metabolic, functional and esthetic view in these growing organisms.

• To differentiate between morphology in primary and permanent dentition.

• To provide students with knowledge about normal occlusion and development of dentition.

• To understand child psychology, proper management, behavior modification and the ability to establish a positive attitude towards dental treatment in child patient.

• To enable the students to diagnose and to treat dental caries among children and adolescents.

• To understand techniques of pain control through conscious sedation and local anesthesia.

• To differentiate oral signs and symptoms of viral infections in children.

Description :

Introduction to pediatric dentistry &
Eruption & Chronology of primary and permanent teeth
Morphology of primary & permanent
Normal occlusion in children
First dental visit
Behavior management in children and young adults
Behavior management in children and young adults
Pharmacological management techniques
Viral manifestations of Covid-19 among pediatric patients.
Local anesthesia in pediatric dentistry
Restoration of primary teeth

Course outcomes :

a. Knowledge and Understanding: :

1 -	Recognize the different methods and techniques of pain control for children.
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 the different psychological management approaches.
5 -	-Describe the indications and types of premedication and their application in clinical practice (pharmacological management).
6 -	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 -	Identify the different restorative techniques and materials for children.
b. Intellectual Skills: :	
1 -	Differentiate between primary and permanent teeth.
2 -	Differentiate between different type of fears.
3 -	Contrast between different parental attitudes.
4 -	Compare between different techniques of pharmacological management.
5 -	- Criticize the use of conscious sedation.
6 -	- Differentiate oral signs and symptoms of viral infections in children.
c. Professional and Practical Skills: :	
1 -	Evaluate clinically the difference between primary and permanent teeth.
2 -	Apply different psychological management techniques
3 -	Diagnose dental caries in primary and young permanent teeth in children.
d. General and Transferable Skills: :	
1 -	-Demonstrate appropriate professional attitudes and behavior in different situations toward colleagues and supervisors.
2 -	Communicate respectfully towards dental staff.
3 -	Apperciate importance of different psychological techniques

Teaching And Learning Methodologies :

Lectures with discussion

Demonstrations

Course Notes :

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

Recommended books :

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