



Ibn Sina University of Medical and Pharmaceutical Sciences

College of Dentistry/ Branch of Pedodontics, Orthodontics and Preventive Dentistry

Course description form

For the academic year 2024/2025

College: Dentistry / Ibn Sina University of Medical and Pharmaceutical Sciences, Baghdad

Department: Branch of Pedodontics, Orthodontics and Preventive Dentistry

Course name (study subject): Preventive Dentistry /fifth stage

Subject director: Assistant Prof. Raya Rashid Abid

Assistant lecturer. Eman Alaa Jaffer

Seal of the department
(Department Authentication)

seal of the college deanship
(Deanship Authentication)

The file is checked by:
Department of Quality Assurance and University Performance
Director of the Quality Assurance and University Performance Department:
Date:
Signature

Course Description Form

1. Course Name:
Preventive dentistry / fifth stage
2. Course Code:
3. Semester / Year:
Yearly
4. Description Preparation Date:
12/11/2024
5. Available Attendance Forms:
Attendance only
6. Number of Credit Hours (Total) / Number of Units (Total)
Theory:2 Clinical:3/ 120 hours (90 hours practical/30 hours theoretical)
7. Course administrator's name (mention all, if more than one name)
Name: Raya Rashid Abid Email: Raya.aldafaai.g@ibnsina.edu.iq Name: Eman Alaa Jaffer Email: eman.aj@ibnsina.edu.iq
8. Course Objectives
1-The main objective of the branch: To introduce the importance of preventive dentistry and its applications for individuals and society regarding diseases such as tooth decay and gum disease, as well as regarding nutrition and its impact on oral and dental diseases. 2- The educational aspect: lectures and summer training for students. 3- The therapeutic and preventive aspect: Training and qualifying the student to provide medical services in the field of preventive dentistry and increasing health awareness of oral and dental health in children, diagnosing and treating children, and training students to apply various preventive procedures for children, including fluoride and fissures sealants. 4- The branch covers the diagnosis and treatment of medical cases for children referred to the college in addition to the preventive aspect of the subject
1- Teaching and Learning Strategies
1. Microsoft power point lecture method 2. Discussion method. 3. Report method. 4. The hip shop method. 5. Practical training in educational clinics located in the college.

10- Course structure (theoretical aspect)

Week	Hours	Required Learning Outcomes	Course name	learning methods	Assessment method
1	1	Prevention of oral diseases (introduction)	Preventive dentistry	Theoretical lecture using power point	Short, midterm and final exams
2	1	Dental caries development	Preventive dentistry	Theoretical lecture using power point	Short, midterm and final exams
3	1	Diagnosis of dental caries	Preventive dentistry	Theoretical lecture using power point	Short, midterm and final exams
4	1	Fluoride in Dentistry	Preventive dentistry	Theoretical lecture using power point	Short, midterm and final exams
5	1	Fluorides in prevention and controlling dental caries	Preventive dentistry	Theoretical lecture using power point	Short, midterm and final exams
6	1	Topical fluoride therapy Professionally applied fluoride	Preventive dentistry	Theoretical lecture using power point	Short, midterm and final exams
7	1	Topical fluoride therapy :Self-applied fluoride	Preventive dentistry	Theoretical lecture using power point	Short, midterm and final exams
8	1	Safety and toxicity of fluoride	Preventive dentistry	Theoretical lecture using power point	Short, midterm and final exams
9	1	Dental sealants	Preventive dentistry	Theoretical lecture using power point	Short, midterm and final exams
10	1	New approach in restorative dentistry	Preventive dentistry	Theoretical lecture using power point	Short, midterm and final exams
11	1	Microbiology of dental caries	Preventive dentistry	Theoretical lecture using power point	Short, midterm and final exams
12	1	Saliva and host defense mechanism	Preventive dentistry	Theoretical lecture using power point	Short, midterm and final exams
13	1	Caries risk assessment	Preventive dentistry	Theoretical lecture using power point	Short, midterm and final exams
14	1	infection control	Preventive dentistry	Theoretical lecture using power point	Short, midterm and final exams
15	1	Oral hygiene measures (Mechanical)	Preventive dentistry	Theoretical lecture using power point	Short, midterm and final exams

16	1	Oral hygiene measures (Chemical)	Preventive dentistry	Theoretical lecture using power point	Short, midterm and final exams
17	1	Diet and dental caries	Preventive dentistry	Theoretical lecture using power point	Short, midterm and final exams
18	1	Non- sugar sweeteners	Preventive dentistry	Theoretical lecture using power point	Short, midterm and final exams
19	1	Dietary counseling in dental practice	Preventive dentistry	Theoretical lecture using power point	Short, midterm and final exams
20	1	Nutrition and dental health	Preventive dentistry	Theoretical lecture using power point	Short, midterm and final exams
21	1	Prevention of periodontal disease and oral cancer by nutrition	Preventive dentistry	Theoretical lecture using power point	Short, midterm and final exams
22	1	Probiotics and dental health	Preventive dentistry	Theoretical lecture using power point	Short, midterm and final exams
23	1	Diagnosis and prevention of dental erosion	Preventive dentistry	Theoretical lecture using power point	Short, midterm and final exams
24	1	Prevention of malocclusion	Preventive dentistry	Theoretical lecture using power point	Short, midterm and final exams
25	1	preventive measure for population with developmental disabilities	Preventive dentistry	Theoretical lecture using power point	Short, midterm and final exams
26	1	preventive treatment strategies for medically compromised population	Preventive dentistry	Theoretical lecture using power point	Short, midterm and final exams
27	1	Ozone in the prevention of dental diseases	Preventive dentistry	Theoretical lecture using power point	Short, midterm and final exams
28	1	Geriatric dentistry	Preventive dentistry	Theoretical lecture using power point	Short, midterm and final exams
29	1	Implant care	Preventive dentistry	Theoretical lecture using power point	Short, midterm and final exams
30	1	Protection of the dentition	Preventive dentistry	Theoretical lecture using power point	Short, midterm and final exams

11- Course structure (clinical aspect)

Hour required	details
3h/week(90h/year)	Clinical Recording the child's medical and oral history Fluoride application, fissure sealants, and various types of treatments for children

12-Course Evaluation

Distributing the score according to the followings:

- 25 Summer training, daily and monthly exams for the first and second semesters and practical requirements
- 15 midyear exam
- 60 For practical and theoretical final exams
- = 100

13-Learning and Teaching Resources

Required textbooks (curricular books, if any)	<ul style="list-style-type: none">• Primary Preventive Dentistry by Harris NO Garcia GodoyF-NatheCN 8th Ed. (20014)• Comprehensive preventive dentistry (2012) Edited by Hardy Limeback
Main references (sources)	<ul style="list-style-type: none">• Dental Caries Principles and Management 2016 by Zhou Xuedong Springer-Verlag Berlin Heidelberg• Dental caries, the disease and clinical management Ole fejerslkov and Edwina kidd., 2nd edition , black w 2008 257• The prevention of oral disease by Murry JJ NunnJH and Steele JG fourth edition, 2003• Essential of dental caries the disease and its management by Kidd E third edition (2005)• Textbook of Cariology by Fejerscov and Thylstryp 1996• Principles and practice of public health dentistry by Krishna M and DasarPL.2010• Text book of preventive and social medicine. Gu M. and Mahajan BK. 3rd edition, 2003• Dentistry, dental practices and the community Striffler D, Young W., and Burt B., 5th edition 1999.• Text book Public health dentistry , CM Marya, JAYPEE. .2011.• Diagnosis and risk prediction of dental caries . per Axelsson , DDS, PHD, 2000

	<ul style="list-style-type: none"> • Laser in Dentistry guide for clinical practice by Patricia M. Freitas and Alyne Simoes 2015 • Dental caries, the disease and clinical management Ole fejerslkov and Edwina Kidd., 2nd edition, Blackwell 2008. • Nutrition in clinical dentistry 3rd ed by Abraham N and Athenas S Papas 1989 • Human and nutrition by Helen A Guthrie and Mary Frances Picciano 1995 • Nutrition and immunology principles and practice Eric Gershwin, Bruce German and Carl L Keen 2000 • Nutrition diet and oral health in Rugg – Gunn A.J. and Nunn J.H (1999): 1st ed Oxford University Press
<p>Recommended books and references (scientific journals, reports...)</p>	<ul style="list-style-type: none"> • British Dental Journal • Australian Dental Journal • International Dental Journal • Journal of the Canadian Dental Association • International Journal of Dental Hygiene • Community Dental Health
<p>Electronic References, Websites</p>	<p>/</p>

