



**Model (No 12)**  
**Course Specification : صحة الفم- صحة الفم**

Faculty of Dentistry  
Farabi Quality Management of Education and Learning - 22/4/2017

**University :** Mansoura University  
**Faculty :** Faculty of Dentistry  
**Department :**

**1- Course data :-**

Code:	7	Course name:	صحة الفم- صحة الفم	Study year:	Third
Specialization:	• بكالوريوس طب وجراحة الفم والأسنان				
Teaching Hours:					
	Lecture:	2	Tutorial:		Practical: 1
Number of units:	20				

**2- Course aims :-**

1. Develop effective ethical, professional and medico-legal conduct.
2. Provide community and individual oral care in a safe and infection controlled conditions
3. Acquire basic epidemiologic skills
4. Develop knowledge and skills about the basic research methods
5. Acquire skills in collection and evaluation of evidence.
6. Develop skills of disease assessment and prevention

**3- Intended learning outcomes of course (ILOS) :-**

**a- Knowledge and understanding**

1. [a1] Identify the interrelationship between different systems of the human body.
2. [a5] Identify the microbial ecology of the oral flora and the microbiological aspects of caries, pulpal and periodontal disease.
3. [a8] Identify the prevalence of common oral and dental conditions and oral health needs of different sectors of the community.
4. [a9] Recognize the basis and significance of oral health promotion, nutritional education and prevention of oral diseases in population based approach.
5. [a10] Recognize principles of diagnosis, prevention, management and prognosis of different oral diseases.

**b- Intellectual skills**

1. [b2] Assess patient risk for dental caries and periodontal diseases.
2. [b7] Analyze the effective solution in clinical problems.

**c- Professional and practical skills**

1. [c3] Obtain a history of the present complaint, medical history and perform extraoral, intraoral examinations appropriate of patient then maintain an accurate record of the patient's treatment.

2. [c6] Evaluate the oral health status, establishing a diagnosis , prognosis, formulate a treatment plan.
3. [c9] Diagnose and plan preventive non-operative care for the individual patient such as: education concerning nutrition, etiology and prevention of oral lesions, oral hygiene instructions, topical fluoride therapy, fissure sealants application, and encourage them to assume self-responsibility for oral health.
4. [c22] Apply current infection control guidelines.
5. [c24] Manage patients of all ages seeking emergency dental care, and appropriately refer those that are beyond the scope of management by a primary care dentist.

#### **d- General and transferable skills**

1. [d1] Display appropriate professional communication skills with patients, colleagues, the rest of the dental team, and other relevant person or groups.
2. [d2] Communicate effectively with technicians and nurses respecting their complementary role for the success of the treatment plan.
3. [d3] Utilize effectively how to update basic information through interpreting new books and websites.
4. [d4] Make decisions based on sound ethical and scientific principles.
5. [d5] Self-evaluate regarding professional skills and limitations.
6. [d6] Recognize responsibility of dentists towards dental patients regarding proper oral hygiene measures, different dental treatment plans and risk factors.
7. [d7] Use information technology for upgrading information and skills, communication with experts and checking for continuing education.
8. [d8] Recognize the basic concepts of quality assurance and practice management of new treatment plans.
9. [d9] Manage time and different tasks with work persons regarding their skills and capabilities.

#### **4- Course contents :-**

<b>No</b>	<b>Topics</b>	<b>Week</b>	<b>Basic knowledge</b>	<b>Intellectual skills</b>	<b>Professional skills</b>	<b>General skills</b>
1	Infection control	1st,2nd			c22	d1,d2
2	Ergonomics	3rd	a8,a10	b7		d3,d7,d8,d9
3	Ethics in dentistry	4th,5th				d1,d4,d5
4	Dental epidemiology	6th	a8	b2		d2,d6
5	Epidemiologic studies	7th	a8	b2		d1,d2
6	Sampling	8th	a8			d1
7	Research methodology	9th	a8	b2		d5,d7
8	Evidence based dentistry	10th		b7		d1,d2,d3
9	Need, demand and utilization of dental services	11th	a8		c24	d5,d7
10	Plaque indices	13th	a8	b2	c3,c6,c9	d5,d6,d7,d8
11	Caries indices	14th	a8	b2	c3,c6,c9	d5,d6,d8,d9
12	Caries risk factors	15th	a1,a5,a10	b2,b7	c6,c9	d1,d2
13	Risk factors of periodontal diseases	16th	a1,a5,a10	b2,b7	c3,c6	d1,d2

14	Gingival and periodontal indices	17th,18th	a8	b2	c3,c6,c9	d1,d2,d6
15	Chemical and mechanical plaque control	19th	a5,a9,a10	b7	c9,c24	d1,d2
16	Caries risk assessment and caries activity tests	20th	a5,a9,a10	b2,b7	c6,c9	d1,d2
17	Fluoride in dentistry	21st,22nd	a10	b7	c9	d1,d2,d5
18	Prevention of dental caries	23th	a9,a10	b7	c9,c24	d6,d7,d8,d9
19	Health education	24th	a9			d1,d4,d5
20	Risk factors and prevention of oral cancer	27th	a8,a10	b2	c3,c6,c9	d1,d2,d4

#### 5- Teaching and learning methods :-

S	Method	Basic knowledge	Intellectual skills	Professional skills	General skills
1	lectures	a1,a5,a8,a9,a10	b2,b7		d1,d2,d3,d5,d6,d7
2	practical sesions			c3,c6,c9,c22,c24	d4,d8,d9

#### 6- Teaching and learning methods of disables :-

1. not available

#### 7- Activities and sources of teaching and learning :-

S	Activities and resources	Basic knowledge	Intellectual skills	Professional skills	General skills
1	Practical requirements Scientific researches	a1,a5,a8,a9,a10	b2,b7		d1,d2,d6,d7
2	Seminars	a1,a5,a8,a9,a10	b2,b7		d1,d3,d5

#### 8- Student assessment :-

##### a- Student assessment methods

No	Method	Basic knowledge	Intellectual skills	Professional skills	General skills
1	MCQ Requirements	a1,a5,a8,a9,a10	b2,b7		d3,d4,d7,d9
2	Final written exam	a1,a5,a8,a9,a10	b2,b7		d3,d4,d7,d9
3	Final practical exam		b2,b7	c3,c6,c9,c22	d1,d2,d5,d6
4	Fnal oral exam	a1,a5,a8,a9,a10	b2,b7		d3,d4,d7,d9

##### b- Assessment schedule

No	Method	Week
1	ongoing assessment	after 16th week
2	Practical exam	after 30 weeks
3	Final written exam	after 30 weeks

##### c- Weighting of assessments

No	Method	Weight
1	Mid_term examination	12.5%
2	Final_term examination	50%

3	Oral examination	12.5%
4	Practical examination	25%
5	Semester work	0
6	Other types of assessment	0
Total		100%

### 9- List of references

S	Item	Type
1	A text book of public health dentistry	Books
2	Clinical text book of dental hygiene and therapy	Books
3	hand outs	Course notes

### 10- Matrix of knowledge and skills of the course

S	Items	Details	Basic knowledge	Intellectual skills	Professional skills	General skills	
1	Course contents	Infection control			c22	d1,d2	
		Ergonomics	a8,a10	b7		d3,d7,d8,d9	
		Ethics in dentistry				d1,d4,d5	
		Dental epidemiology	a8	b2		d2,d6	
		Epidemiologic studies	a8	b2		d1,d2	
		Sampling	a8			d1	
		Research methodology	a8	b2		d5,d7	
		Evidence based dentistry		b7		d1,d2,d3	
		Need, demand and utilization of dental services	a8			c24	d5,d7
		Plaque indices	a8	b2		c3,c6,c9	d5,d6,d7,d8
		Caries indices	a8	b2		c3,c6,c9	d5,d6,d8,d9
		Caries risk factors	a1,a5,a10	b2,b7		c6,c9	d1,d2
		Risk factors of periodontal diseases	a1,a5,a10	b2,b7		c3,c6	d1,d2
Gingival and periodontal indices	a8	b2		c3,c6,c9	d1,d2,d6		

		Chemical and mechanical plaque control	a5,a9,a10	b7	c9,c24	d1,d2
		Caries risk assessment and caries activity tests	a5,a9,a10	b2,b7	c6,c9	d1,d2
		Fluoride in dentistry	a10	b7	c9	d1,d2,d5
		Prevention of dental caries	a9,a10	b7	c9,c24	d6,d7,d8,d9
		Health education	a9			d1,d4,d5
		Risk factors and prevention of oral cancer	a8,a10	b2	c3,c6,c9	d1,d2,d4
2	Teaching and learning methods	lectures	a1,a5,a8,a9,a10	b2,b7		d1,d2,d3,d5,d6,d7
		practical sessions			c3,c6,c9,c22,c24	d4,d8,d9
3	Activities and sources of teaching and learning	Practical requirements	a1,a5,a8,a9,a10	b2,b7		d1,d2,d6,d7
		Scientific researches				
		Seminars	a1,a5,a8,a9,a10	b2,b7		d1,d3,d5
4	Student assessment	MCQ Requirements	a1,a5,a8,a9,a10	b2,b7		d3,d4,d7,d9
		Final written exam	a1,a5,a8,a9,a10	b2,b7		d3,d4,d7,d9
		Final practical exam		b2,b7	c3,c6,c9,c22	d1,d2,d5,d6
		Final oral exam	a1,a5,a8,a9,a10	b2,b7		d3,d4,d7,d9

**rse Coordinator(s): -**

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