



Faculty of Dentistry

Model (No 12)

Course Specification: Periodontology

University: Mansoura University

Faculty: Faculty of Dentistry

Department: Oral Medicine& Periodontology& Oral diagnosis and Radiology Department

1- Course data:

Code: 504Pr

Course name: Periodontology

Study year: Fourth year

Specialization: Bachelor of Dentistry

Teaching Hours:

Lecture: 1hours/30week for 30 weeks

Practical: 2hours/week for 30 weeks

Number of units: 30 weeks

2- Course aims: -

1. Understand the basic morphology of the periodontium and its components.
2. Acquire the basic problems affecting the periodontium and the suggestive management of periodontal diseases.
3. Diagnose , manage and prescribe an appropriate treatment of periodontal diseases under infection controlled environment.

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

a. Knowledge and understanding

Graduate should be able to

- a1. Describe the basic components of periodontium and the role of each one..
- a2. Recognize principles of diagnosis, prevention, management and prognosis of different periodontal diseases.
- a3. Discuss the epidemiology, etiology and prevention of periodontal diseases
- a4. Select the suitable periodontal treatment modality
- a5. Describe materials & techniques used in periodontal surgery.

b. Intellectual skills

Graduate should be able to

- b1.** Differentiate between normal and abnormal features of different periodontal diseases
- b2.** Analyze relationship between different microbial virulence factors and the response of the immune system toward them.
- b3.** Select the proper materials and techniques for treatment of oral and periodontal diseases
- b4.** Evaluate medical and dental information to solve problems.
- b5.** Revise treatment plan according to the existing situation and patients' needs.
- b6.** Assess patient risk for periodontal diseases.

c. Professional and practical skills

Graduate should be able to

- c1.** Perform an appropriate clinical examination of the periodontal status.
- c2.** Inform the patient about prevention of periodontal diseases.
- c3.** Apply current infection control guidelines.
- c4.** Perform effectively the supra and sub gingival scaling, root planing and curettage.
- c5.** Manage medical emergencies in dental critical situations

d. General and transferable skills

Graduate should be able to

- d1.** Lead the team work (seminars,).
- d2.** Use different informative technology in clinical&research work.
- d3.** Make decisions based on scientific principals.

4- Course contents: -

S	Topics	Week
1	Periodontum	2
2	Classification of periodontal diseases	3
3	Etiology of periodontal diseases	2
4	Periodontal Microbiology	3
5	Extension of inflammation	2
6	Gingival diseases(acute &chronic)	2
7	Periodontal pocket - Chronic periodontitis	1
8	Gingival enlargement	2
9	Aggressive periodontitis	1
10	Gingival recession - Furcation involvement	2
11	Periodontal abscess	2
12	Diagnosis and treatment plan	2
13	Principles of periodontal surgery	2

14	Gingival curettage and gingivectomy	2
15	Flap procedure and GTR	2

5- Teaching and learning methods:-

S	Method	Basic knowledge	Intellectual skills	Professional skills	General skills
1	lectures	√	√	-	-
2	Clinical demonstrations	-	√	√	√

6- Teaching and learning methods of disables:-

None.N.B special units are available for left handed students.

7- Student assessment:-

a. Student assessment methods

S	Method	Basic knowledge	Intellectual skills	Professional skills	General skills
1	Written examination Ongoing assessment(MCQ) Final examination (short essay)	√ √	√ √	-	-
2	Practical examination	-	√	√	√
3	Oral examination	√	√	-	-

b. Assessment schedule

S	Method	Week
1	Written examination Ongoing assessment Final examination	2 nd week of January 4 th week of May.
2	Practical examination	1 st and 2 nd week.of May
3	Oral examination	4 th week of May.

c. Weighting of assessments

S	Method	Weight
1	Final-term examination	41.33%
2	Oral examination	14.666
3	Practical examination	28%
4	Ongoing assessment	13.3333%
5	Other types of assessment	-

8- List of references

S	Item	Type
1	Carranza, Jr., F. A. (2012) Glickman's clinical periodontology, 11th edition, pp.41 . Philadelphia, W. B. Saunders Co	Textbook
2	Haffajee AD, Teles RP, Socransky SS. The effect of periodontal therapy on the composition of the subgingivalmicrobiota. Periodontol 2000. 2006; 42: 21 9-258	Textbook

9- Matrix of knowledge and skills of the course

S	Details	Basic knowledge	Intellectual skills	Professional skills	General skills
1	Periodontum	a1	b1	c1, c2	d2
2	Classification of periodontal diseases	a1	b1	c 3	d2
3	Etiology of periodontal diseases	a2	b1	c3	d2
4	Periodontal Microbiology	a1,a2	b1,b2	c1, c3	d2
5	Extension of inflammation	a2, a3	b3	c 4	d2
6	Gingival diseases(acute &chronic)	a3	b2	c 3, c4	d2
7	Periodontal pocket - Chronic periodontitis	a2,a5	b1,b2	c4, c5	d2
8	Gingival enlargement	a1	b 2	c 4, c5	d2
9	Aggressive periodontitis	a2	b2,b3	c4	d 3
10	Gingival recession - Furcation involvement	a5,a3	b1,b 2	c1,c2	d3
11	Periodontal abscess	a4,a5	b1,b2	c4	d3
12	Diagnosis and treatment plan	a4	b1	c2,c3	d2,d3
13	Principles of periodontal surgery	a3,a4	b1,b2	C 3,c4	d2
14	Gingival curettage and gingivectomy	a2	b1	c4	d3
15	Flap procedure and GTR	a4, a5	b6	C 2	d4

Course Coordinator(s):

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Head of department:

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