



Course Specification of Periodontology

Faculty of Dentistry

Farabi Quality Management of Education and Learning - 12/2/2016

University : Mansoura University

Faculty : Faculty of Dentistry

Department: Oral Medicine, Periodontology, Diagnosis and Oral Radiology Department

1- Course data:-

Code: P 101 Pri Course name : Periodontology Study year : 2015-2016

Specialization : Higher Dental Diploma in Oral Medicine, Periodontology, Diagnosis and Oral Radiology.

Teaching Hours : Lecture :
3hr/week for 45 weeks

Practical:
5hr /week for 45 weeks

No of units : 45 weeks

2- Course aims :-

To provide the post graduate student with specialized professional skills about Periodontology how to manage and treat all periodontal and oral lesion

- Understand the basic morphology of the periodontium and its components
- Acquire the basic problems affecting the periodontium .
- Provide long-life learners and problem solvers in the field of Periodontology
- Develop self-directed dentists who are critical thinkers
- Develop effective clinical treatment of periodontal and oral diseases

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

a- Knowledge and understanding

Graduate should be able to

- a-1- familiar with the advanced diagnostic aids of oral and periodontal diseases.
- a-2- Distinguish various oral and periodontal diseases..
- a-3- understand the interrelationship between oral health and other systemic
- a-4- Describe the basic components of periodontium

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- a-5. Describe the basic role of periodontium.
 - a-6. Establish basis for practice management of chronic
 - a.7. Identify the basic knowledges of aggressive periodontitis.

b- Intellectual skills

Graduate should be able to

- b-1- Identify various treatment modalities to treat periodontal diseased patients.
- b-2- Outline the importance of the periodontal disease management with the systemic health of the patients.
- b-3- Differentiate between normal and abnormal features of the periodontium.
- b-4- Evaluate the effects of medications taken by the patients for periodontal management.
- b-5- Explore and analyze the effective solution in clinical problems.
- b.6. Think properly and solve the problems of periodontal diseased

c- Professional and practical skills

Graduate should be able to

- c-1- Perform a proper assessment of the patients, and physical examination .
- c-2- Confirm the clinical findings with laboratory findings of suspected diseases.
- c-3- Application of the various treatment management.
- c-4- grasp the best method in delivering high quality periodontal therapy as an integral component of oral health care through surgical and non surgical approach.
- c-5- Application of various drugs to some specific periodontal disease.
- c.6. Achieve proficiency in evaluation and diagnosis of periodontal lesion
- c.7. Apply the different techniques for treatment planning

d- General and transferable skills

Graduate should be able to

- d-1- To develop interpersonal skills in relation to the ability to interact with colleagues and lecturers to engage in teamwork through seminar work and presentations.

d-2- To utilize the internet to acquire information about specific topics related to the field of periodontal and oral diseases.

d-3- Manage time, set priorities and work to prescribed time limit.

d.4. Make decision based on sound ethical and scientific principles.

4- Course contents :-

No	Topics	No weeks
1	Aetiology of periodontal disease / Microbiology	1-2
2	Pathogenesis & Immunology of Periodontal disease	3-5
3	Epidemiology of Periodontal disease	6-8
4	Diagnosis of periodontal disease – conventional and advanced techniques Treatment Planning	9
5	Behavioral aspects of Oral hygiene education & motivation	10-14
6	Biological and scientific basis of non-surgical periodontal therapy	15-17
7	Biological and scientific basis of different types of periodontal surgical procedures (access flaps, crown lengthening)	18-24
8	Guided Tissue regeneration	23-26
9	Maintenance therapy	30-32
10	Antimicrobial agents and chemotherapeutics	33-37
11	Periodontal Medicine	38-39
12	Biomaterials – bone grafts, Membranes, growth factors, cytokines etc.	40-45

5- Teaching and learning methods :-

S	Method	Basic knowledge	Intellectual skills	Professional skills	General skills
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1	Lectures	√	√	√	√
2	Demonstrations	√	√	√	√

6- Teaching and learning methods of disables :-

7- Activities and sources of teaching and learning :-

S	Activities and resources	Basic knowledge	Intellectual skills	Professional skills	General skills
1	Seminars	√	√	√	√

8- Student assessment :-

a- Student assessment methods

No	Method	Basic knowledge	Intellectual skills	Professional skills	General skills
1	Written examination	√	√		√
2	Practical examination	√	√	√	√
3	Oral examination	√	√	√	√

b- Weighting of assessments

No	Method	Duration of exam	Weight	proportion%
1	written examination	1.5 hours	100	
2	Oral examination		60	
3	Practical examination		80	
Total				

9- 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	
2	Haffajee AD, Teles RP, Socransky SS. The effect of periodontal therapy on the composition of the subgingival microbiota. Periodontol 2000. 2006; 42: 21 9-258	

10- Matrix of knowledge and skills of the course

S	Items	Details	Basic knowledge	Intellectual skills	Professional skills	General skills
1	Course contents	Aetiology of periodontal disease / Microbiology	a1, a2, a4	b3	c1, c2	d2
		Pathogenesis & Immunology of Periodontal disease	a.1, a.3	b.2, b.5	c1, c2	d2
		Epidemiology of Periodontal disease	a1,a2, a4	b3	c.3, c.5	d.4, d.1
		Diagnosis of periodontal disease – conventional and advanced techniques Treatment Planning	a1,a2	b1,b2, b4, b5	c1,c2, c3	d2,d3
		Behavioral aspects of Oral hygiene education & motivation	a5	b3,b2	c1,c3	d3
		Biological and scientific basis of non-surgical periodontal therapy	a5	b2,b3	c1,c3	d3
		Biological and scientific basis of different types of periodontal surgical procedures (access flaps, crown lengthening)	a3,a1, a2, a5	b1,b5	c1,c3,c4	d1,d2,d3
		Guided Tissue regeneration	a2,a3,a1	b1,b5	c1, c4	d1,d2
		Maintenance therapy	a3	b4,b5	c5, c3	d3
		Antimicrobial agents		b1,b2,b4,b5	c3,c5	d1,d3

		and chemotherapeutics				
		Periodontal Medicine	a3	b2, b5	c1,c2,c3	d1,d2,d3
		Biomaterials – bone grafts, Membranes, growth factors, cytokines etc.	a3,a1, a2, a5	b1, b5	c1,c3, c4	d1,d2

Coordinator(s): -

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Head of department: -

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