



Course Specification

University: Beni-Suef Faculty: Dentistry
Course Title: Oral medicine and periodontology Course code: DMP 5
Program on which the course is given: Bachelor degree in Dentistry, Graduate course
Department offering the course: Oral medicine, Diagnosis and Periodontology department
Academic year: 5
Date of specification approval: 9/2023

A- Basic Information

Academic Year:	2023-2024
Course Code:	DMP 5
Course Theoretical (contact hours):	56
Practical (contact hours)	56
Total Hours: -	116
Prerequisite if any:	DMP4

B- Professional Information

1- Overall aims of course:

By the end of this course students must be able to:

- List and apply the new classification of periodontal conditions and diseases, 2017 and how for diagnosis of periodontal and peri-implant diseases.
- Define the non-surgical and surgical periodontal treatment interventions, perform professional scaling and root planning as well as instructing the patients for proper oral hygiene measures.
- Define the basic implantology and identify the peri-implant disorders.
- Identify different oral mucosal lesions and how to set differential diagnosis and manage.
- Develop knowledge about different systemic conditions and how to manage medically compromised patients during dental settings.

2- Intended learning outcomes of course (ILOs)

a – knowledge skills

a1- Mention classification of gingival, periodontal, peri- implant diseases according to new classification

a2-know proper treatment plan for different periodontal diseases non-surgically and surgical.

a 3- Define some oral mucosal diseases (ulcers, white lesions and pigmented oral lesions) mentioning their etiology, pathophysiology and diagnosis.

a4-Define some systemic diseases giving oral manifestations mentioning their etiology, pathophysiology, and diagnosis.

a5-Mention some drugs needing adjustment or certain precautions by the dentist.

a6- Identify systemic diseases needing certain precautions from the dentist or of importance to the dentist mentioning their etiopathology and manifestations.

b- Intellectual skills:

b1- Diagnose -gingival, periodontal and perimplant conditions.

b2-Diagnose and formulate differential diagnosis of oral mucosal diseases.

b3-Interpret the special investigations on scientific bases.

b4-Relate the patient's systemic condition to his oral health.

b5 - Compare between different oral, mucosal lesions with same clinic presentation

c- Professional and practical skills:

c1- Perform Supra, subgingival scaling and root planning using hand instruments and ultrasonics applying proper instrumentation.

c2-Perform different basic periodontal surgical incisions and different suturing techniques on casts.

c3-Describe the clinical, and histopathological picture of different oral mucosal lesions.

c4-Prescribe treatment to some oral mucosal diseases.

c5-Describe the clinical histological and radiographic picture of some systemic diseases of importance to the dentist.

C6-Assess the laboratory investigations to differentiate normal and abnormal and request them upon need.

d- General and transferable skills:

d1-Use internet in research and communications

d2-Learn how to work as a part of teamwork.

d3-Learn proper use of equipment used in manipulation.

d4-Work effectively in a team

3- Contents

Topic 1st term	Instructor	No of Lectures	No of practical sessions	Total hrs	%	ILOs	Teaching methods	Assessment methods
Classification of Periodontal disease	Dr. Maha	1	3	8	7.69	A1, b1,d3	Theoretical Practical	Written, Practical & Oral
Gingivitis / periodontitis	Dr. Maha	1	3	8	7.69	A1, b1,d3	Theoretical Practical	Written, Practical & Oral
Necrotizing disease+ endo- perio lesions	Dr. Maha	1	3	8	7.69	A1, b1,d3	Theoretical Practical	Written, Practical & Oral
Diagnosis and prognosis of PDL disease (online)	Dr. Ebtehal	1	14	30	7.69	A1,b1,c1,d2, 3,4	Theoretical Practical	Written, Practical & Oral
Non-surgical treatment +adjunctive treatment	Dr. Ebtehal	1	14	30	7.69	A1,b1,c1,d2, 3,4	Theoretical Practical	Written, Practical & Oral
Basic periodontal surgery	Dr. Eman	2	4	12	15.38	A1,2,b1,c1,2, d2,3,4	Theoretical Practical	Written, practical &oral

Regeneration	Dr.Marwa	1	-	2	7.69	A1,2,b1,c1,2, d1	Theoretical Practical	Written, practical &oral
Mucogingival	Dr. Eman	2	-	4	15.38	A1,2,b1,c1,2, d1	Theoretical Practical	Written, practical &oral
Implant dentistry	Dr. Riham	1	-	2	7.69	A1,2,b1,c1,2, d1	Theoretical Practical	Written, practical &oral
Periimplantitis	Dr.Riham	1	-	2	7.69	A1,2,b1,c1,2, d1	Theoretical Practical	Written, practical &oral
Total		13			100			

Topic 2nd term	Instructor	No of Lectures	No of practical sessions	Total hrs	%	ILOs	Teaching methods	Assessment methods
White &red lesion	Dr. Marwa	3	4	14	20	A3,5,b2,3,4,5 ,c3,,6,d1,2,3, 4	Theoretical Practical	Written, Practical & Oral

Ulcers	Dr. Ebtehal	3	3	12	20	A3,5,b2,3,4,5 ,c3,,6,d1,2,3, 4	Theoretical Online Practical	Written, Practical & Oral
Pigmented lesions affecting the oral cavity	Dr. Marwa	2	3	10	15.38	A3,5,b2,3,4,5 ,c3,,6,d1,2,3, 4	Theoretical Online Practical	Written, Practical & Oral
Dental management of C.V.S. patient	Dr: Ebtehal	2	2	8	15.38	A4,5,6,b3,4,c 3,5,6,d1,2,3,4	Theoretical Practical	Written, Practical & Oral
Dental management of C.N.S +PLUMONARY patient	Dr. Ebtehal	1	7.69	30	7.69	A4,5,6,b3,4,c 3,5,6,d1,2,3,4	Theoretical Practical	Written, Practical & Oral
Dental management of Endocrine patients (online)	Dr. Eman	1	7.69	12	7.69	A4,5,6,b3,4,c 3,5,6,d1,2,3,4	Theoretical online Practical	Written, practical &oral
Dental management of Liver +kidney + diabetes patients	Dr. Eman	1	7.69	2	7.69	A4,5,6,b3,4,c 3,5,6,d1,2,3,4	Theoretical Online Practical	Written, practical &oral

Dental management of cancer patient	Dr. Ebtehal	1	7.69	4	7.69	A4,5,6,b3,4,c 3,5,6,d1,2,3,4	Theoretical Practical	Written, practical &oral
Total		13			100			

Practical curriculum 1st term

<u>Sections</u>	<u>Topic</u>
Week <u>1</u>	Orientation+ infection control +chart
Week <u>2</u>	Diagnosis revision/ Normal periodontium/ Gingivitis /periodontitis
Week <u>3</u>	instruments + chart +supra/sub gingival scaling +Oral hygiene measures +cases
Week <u>4</u>	Application of new classification + cases Supra
Week <u>5</u>	Application of new classification + cases Supra
Week <u>6</u>	Application of new classification + cases Supra/sub
Week <u>7</u>	Cases
Week <u>8</u>	Cases
Week <u>9</u>	Cases
Week <u>10</u>	Cases
Week <u>11</u>	Cases
Week <u>12</u>	Cases
Week <u>13</u>	Cases
Week <u>14</u>	Periodontal examination

Practical curriculum 2nd term

<u>Sections</u>	<u>Topics</u>
Week <u>1</u>	Difference between hand and ultra-sonic scaling +revising oral hygiene measures
Week <u>2</u>	Suturing techniques

Week 3	Suturing techniques+ different types of flaps
Week 4	different types of flaps
Week5	different types of flaps
Week 6	White &red lesions
Week 7	White &red lesions
Week 8	Ulcers
Week 9	Pigmentation
Week 10	DD of oral lesions & systemic disease application in dental clinics
Week 11	DD of oral lesions & systemic disease application in dental clinics
Week 12	Dental management of patients with systemic disease (C.V.S +C.N.S+ Resp + Diabetes)
Week 13	Dental management of patients with systemic disease (endocrine +liver +kidney +cancer patient)
Week 14	Revision

4- Teaching and learning methods

a – Small group discussion / Brain storming.	Yes
b- Interactive lecture	Yes
c – Demonstrations.	Yes
d- Research project.	Yes
e. Online work	Yes

5- Student assessment methods

a. Written and short answer question.	Yes
b. Multiple choice questions (MCQ)	Yes

c. Practical / OSPE.	Yes
d. Project work .	Yes
e. logbooks.	Yes
f. Online work	Yes

Assessment schedule

QUIZ 1	WEEK 7 (15/11/2023)
QUIZ 2	24/1/2024
QUIZ 3	WEEK 7 (20/3/2024)

The practical exam will be divided on 2 parts.

- 1st part in January: Scaling and root planning and periodontal charting.
- 2nd part in May (OSPE) Slide show, Oral lesions, periodontal surgery and dental management of medically compromised patients

Requirements 2023/2024

	Requirements	Deadline
1st term	<ul style="list-style-type: none"> ➤ 20 teeth supragingival scaling including at least 10 with subgingival scaling N.B: subgingival case is considered as full case (supra+sub). ➤ Two diagnostic sheets of cases of periodontal diseases (with radiographic examination). 	7-9 / 1/2024 (Each in his/her section)
2nd term	<ul style="list-style-type: none"> ➤ 2 cases oral lesion with follow up. (4 students/cases). ➤ 2 cases patients with systemic diseases with suggested dental treatment. (4 students/case). 	13-15/5/2024 (Each in his section)

All cases should be signed by supervisor

Assignments 2022/2023

	Topic	Starting date	Deadline
1st term	Periodontal consideration in orthodontic treatment	1/12/2022	30 /12/2022

2nd term	Drug consideration in oral medicine	1/4/2023	30/4/2023
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- *Outline for the research must be revised by department staff before delivery.*
- *The assignment should be presented in points, focused, organized, not more than 5 pages, supplied with references and submitted as soft copy as pdf.*

Weighting of assessments

	Written	Practical	Oral Exam	Total
Final Exam	60	20	40	150
Attendance/ Continuous assessment	30			

- List of reference.

1- Course handouts.

2- Essential books (textbooks)

- Burkett's oral medicine 13th edition.2021
- Contemporary Oral Medicine: A Comprehensive Approach to Clinical Practice . 2019
- Scully's handbook for medical problems in dentistry, 2016
- Newman and Carranza's Clinical Periodontology. 13th edition. 2019

3- Recommended books

Fundamentals of Periodontal Instrumentation & Advanced Root Instrumentation, 8th edition. 2017.

Little and Falaces: Dental management of medically compromised patients. 2019

Facilities required for teaching and learning.

Intra oral camera

Models & casts for Flaps and suture demonstration and practicing

Course coordinator: **Ass. Prof. Dr. Ebtehal Mohammed**

Head of Department: **Ass. Prof. Dr. Maha Abdelkawy**

Date: 1 / 10 /2023