



Beni-Suef University
Faculty of Dentistry
Quality Assurance Unit



Course Specification

University: **Beni-Suef** Faculty: **Dentistry**
Course Title: **Oral medicine, Oral Diagnosis, and periodontology**
Course code: **DMP 4**
Program on which the course is given: **Bachelor's degree in Dentistry, Graduate program**
. Department offering the course: **Oral medicine, Diagnosis and Periodontology.**
Academic year: **3rd year**
Date of specification approval: **9/2023**

A- Basic Information

Academic Year:	2023 – 2024
Course Code:	DMP 4
Course Theoretical (contact hours):	2hr
Practical (contact hours)	2hr
Total Hours: -	4hr
Prerequisite if any:	Oral pathology

B- Professional Information

1- Overall aims of course.

- 1- Implement the infection control rules in dental clinic.
- 2- Establish a comprehensive patient's history, perform clinical examination, request, and evaluate appropriate investigations pending their referral to the appropriate department(s) for a comprehensive treatment.
- 3- know the basic immunology, allergic reactions and blood disorders and understand how their significance in dental management.

- 4- Develop knowledge of the pathogenesis of the periodontal disease and early recognition of periodontal disease in addition to perform comprehensive plaque control, which is essential to preventive periodontics, identification of instruments used in non-surgical and surgical procedures.

2- **Intended learning outcomes of course (ILOs)**

A. Knowledge and understanding:

- a1- Define the different aspects of patient interview, and clinical examination.
- a2- State the most common systemic diseases related to the oral health as well as most common chief complaints of dental patients.
- a 3- Define some diseases of the oral mucosa and their etiology
- a 4- Define the basis of human immunology and most common hypersensitivity conditions.
- a5- Define different gingival and periodontal conditions and illustrate their etiopathology.
- a 7- Mention the infection control measures that should be applied in dental clinic and during periodontal treatment.
- a 8- Mention different lab investigation needed in the dental clinic for patients of systemic and oral diseases.

b- Intellectual skills:

- b1- Perform the ethical steps of patients' reception and management.
- b2- Examine dental patients to obtain scientific data, applying the proper clinical steps and using the proper instruments.
- b3- Differentiate the normal and abnormal findings during examination.
- b4- Diagnose some of the oral mucosal lesions.
- b5 Interpret the special investigations on scientific bases.
- b6- Evaluate to the patient's oral hygiene instructions
- b7-Explain to the patient the chemical plaque control

c- Professional and practical skills:

- c1- Obtain patients' data and chief complaint according to the patient psychological, social and behavioral method.
- c2-Examine general, extra oral and intra oral examination with special attention to the patient's chief complaint to get correct diagnosis for effective treatment.
- c3- Correlate the clinical picture of some mucosal diseases and conditions.
- c4- Examine the oral soft, hard tissues to differentiate normal tissues and anatomical landmarks from abnormal lesions especially those related to hypersensitivity and blood disorders.
- C5- Classify the clinical picture of different gingival and periodontal condition as well as some systemic conditions associated with periodontal diseases.
- C6- Prepare detailed professional periodontal chart.
- C7- Record clinical periodontal parameters using periodontal chart.

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.
- d5-Counsel other specialties in the dental practice and other medical specialties.

3- Contents:

Topic	Number of Lecture session covering the topic	Number of Practical sessions number covering the topic	Total Hours	Weighting of the topic %	ILOs covered by this topic	Teaching and learning methods	Assessment methods	Instructor
Infection control basic concepts +communication skills	2	2	8	6.6	A1, a7, b1	Interactive lecture / Small group discussion / Brain storming	Written, Practical & Oral	Dr. EMAN
Case History	2	2	8	20	A1, A2, b1 ,c1	Small group discussion / Brain storming.	Written, Practical & Oral	Dr. EMAN
Techniques of clinical examination	5	1	20	6.6	A2 ,a3, b1 b2 ,b4 ,b6, d3	Interactive lecture Demonstrations	Assessment methods	Dr. Marwa
Extra oral examination	3	2	8	13.3	A2, b2, b3 c2 ,c3 ,d3	Interactive lecture Demonstrations.	Written, Practical & Oral	Dr. Marwa
Intraoral examination (normal periodontium)	1	2	6	20	A3 , a5, b2 b3 , b4 ,b5 b 6, c2 ,c3,c4 ,c5 c6 ,c7, d3	Interactive lecture Demonstrations.	Written, Practical & Oral	Dr. Marwa
Diagnostic laboratory investigations	1	-	2	13.3	A8 ,b5	Interactive lecture / .	Assessment methods	Dr. Riham
Biopsy & smear (Online)	1	-	2	6.6	A3, a8, b5	Interactive lecture	Written, Practical & Oral	Dr. Riham
Oral cancer detection	1	-	2	6.6	A3, a8 , b5	Interactive lecture / .	Written, Practical & Oral	Dr. Ebtehal
Treatment planning and referral	1	2	6	6.6	C4 ,d5	Interactive lecture / .	Assessment methods	Dr. Ebtehal
Total				100				

Topic 2nd term	Lecture(2hr)	Total hours Lecture (2hrs)	No of practical sessions	Weighting of the topic %	ILOs covered by this topic	Teaching and learning methods	Assessment methods	Instructor
Normal periodontium /classification , difference between gingivitis and periodontitis	1	2	-	7.69	A5 c5 c6 c7 c8 c9	Interactive lecture / . Demonstrations.	Written, Practical & Oral	Dr. Eman
Immunity	2	4	-	15.38	A4	Interactive lecture / .	Written, Practical & Oral	Dr.Ebtehal
Hypersensitivity reactions	1	2	-	7.69	A4 c4	Interactive lecture /	Written, Practical & Oral	Dr.Ebtehal
Etiology of periodontal diseases (online)	2	4	-	15.38	A5 b7	Online work	Written, Practical & Oral	Dr. Eman
Pathogenesis of periodontal diseases	2	4	-	15.38	A4 a5 b7	Online work	Written, Practical & Oral	Dr. Eman
Local factor	1	2	-	7.69	A2 b6 d5	Online work	Written, Practical & Oral	Dr .Riham
Systemic factor	1	2	-	7.69	A2 c4 d5	Interactive lecture	Written, Practical & Oral	Dr .Riham
Blood diseases	3	6	1	23.07	A8 b5 d5	Interactive lecture	Written, Practical & Oral	Dr .Riham
Total	13			100%				

Practical curriculum 1st term

Sections	Practical sessions covering the topic	Teaching and learning methods
1	Introduction +Orientation	Small group discussion / Brain storming
2	Communication skills +Case history	Demonstrations. Small group discussion / Brain storming
3	Techniques of clinical examination and extra oral examination	Demonstrations. Small group discussion / Brain storming
4	Medical +dental +intra oral examination +treatment plan	Demonstrations. Small group discussion / Brain storming
5	Full Case demo	Demonstrations. Small group discussion / Brain storming
6	Cases	Small group discussion / Brain storming
7	Cases	Small group discussion / Brain storming
8	Cases	Small group discussion / Brain storming
9	Cases	Small group discussion / Brain storming
10	Cases	Small group discussion / Brain storming
11	Cases	Small group discussion / Brain storming
14	Cases	Small group discussion / Brain storming

Practical curriculum 2nd term

Sections	Number of Practical sessions number covering the topic	Teaching and learning methods
1	Periodontal diseases different types of pockets & instruments	Demonstrations. Small group discussion / Brain storming
2	Instrumentation & charting & Oral hygiene measures measure	Demonstrations Small group discussion / Brain storming.
3	Simulator anterior	Demonstrations. Small group discussion / Brain storming
4	Simulator posterior	Demonstrations Small group discussion / Brain storming.
5	Patient diagnosis with periodontal charting & starting scaling	. Small group discussion / Brain storming
6	Patient diagnosis with periodontal charting & starting scaling	Small group discussion / Brain storming
7	Patient diagnosis with periodontal charting & starting scaling	. Small group discussion / Brain storming
8	Patient diagnosis with periodontal charting & starting scaling	. Small group discussion / Brain storming
9	Patient diagnosis with periodontal charting & starting scaling	Small group discussion / Brain storming
10	Practical revision	Small group discussion / Brain storming
11	Practical revision	Small group discussion / Brain storming
12	Practical revision	Small group discussion / Brain storming
13	Exam	
14	Exam	

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. Written and long essay.	No
c. Multiple choice questions (MCQ)	Yes
e. Practical / OSPE.	Yes
f. Project work.	Yes
g. logbooks.	Yes
h. Online work	Yes

Assessment schedule

QUIZ 1	WEEK 6 (6/11/2023)
QUIZ 2	Week 17 (22/1/2024)
QUIZ 3	WEEK 6 (18/3/2024)

The practical exam will be divided on 2 parts.

1st part in January (OSCE) on diagnosis curriculum.

2nd part in May Slide show on oral diagnosis, Periodontology and basic Oral medicine topics taught in the 2nd term

Requirements 2023/2024

Requirements	Requirements		Deadline
2023/2024 Topic			
1st term	Diagnosis	5 Full diagnosis charts	24/12/2023 (Each in his section)
2nd term	Periodontology	3 full periodontal charts + 14 tooth supra gingival scaling (anterior and posterior)	29-4-2024 (Each in his section)

Assignments 2023/2024

	Topic	Starting date	Deadline
1 st term	➤ Artificial intelligence and Oral diagnosis	18/12/2023	3/1/2024
2 nd term	➤ Periodontal disease pathogenesis: A Journey through time	2/4/2024	23 /4/2024

Note:

- Outline for the research must be revised by department staff before delivery.
- The assignment should be presented in points, focused, organized, not more than 10 pages, supplied with references and submitted as soft copy as pdf.

Weighting of assessments

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

- List of reference.

1- Course handouts.

All lectures' notes are available as PDF files on the university web /Microsoft teams

2- Essential books (text books)

- Burkett's oral medicine 13th edition.2021
- Contemporary Oral Medicine: A Comprehensive Approach to Clinical Practice . 2019
- Newman and Carranza's Clinical Periodontology. 13th edition. 2019
- Oral diagnosis Kasr Eliny course note. 2016

3- Recommended books

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

Facilities required for teaching and learning.

1. Lecture room equipped with visual and audible tools. (Data show and internet access).
2. dental Clinic.
3. Electronic Learning System (ELS) ready with online assessment and tracking tools.
4. Course Facilitators and teaching staff members.
5. Intraoral camera.

Course Coordinator: Ass. Prof. Dr. Marwa Mohammed Tawfiq

Head of Department: Ass. Pro. Dr. Maha. Abdelkawy

Date: 9 /2023