

Republic of Yemen
Ministry of Higher Education & Scientific Research
Emirates International University



Faculty of Dentistry
Department of Oral Surgery
Doctor of Dental Surgery

Course Specification of Periodontology II (clinical)

Course No. ()



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Review committee:

Head of the Department

Quality Assurance head

Dean of Faculty



I. Course Identification and General Information:

1	Course Title:	Periodontology II (clinical)			
2	Course Code & Number:				
3	Credit Hours:	Credit Hours	Theory Hours		Lab. Hours
			Lecture	Exercise	
		2	1	3	-
4	Study Level/ Semester at which this Course is offered:	4 th Level / 1st Semester			
5	Pre –Requisite (if any):	Periodontics I (pre-clinical)			
6	Co –Requisite (if any):	None			
7	Program (s) in which the Course is Offered:	Doctor of Dental Surgery			
8	Language of Teaching the Course:	English			
9	Study System:	Semester based System			
10	Mode of Delivery:	Full Time			
11	Location of Teaching the Course:	Faculty of Dentistry			
12	Prepared by:	Dr. Manal Mohammed Al-Hajri			

II. Course Description:

This course is to train students to understand different types of gingivitis and periodontitis. To perform a comprehensive periodontal examination, collect clinical data and document the patient's dental and medical status. Conduct consultations with other medical and dental specialists and demonstrate the ability to effectively communicate in both written and verbal models. Identify the instruments for manual scaling and polishing.

III. Course Intended Learning

Referenced PILOs

Outcomes (CILOs) : Upon successful completion of the course, students will be able to:		Learning out of program		
A. Knowledge and Understanding:		I, A or E		
a1	Identify different types of gingivitis			A2
a2	Identify different types of periodontitis			A2
a3	State periodontal pocket and patterns of attachment loss and their prognostic and treatment implications.			A5
B. Intellectual Skills:				
b1	Prioritize patient's treatment needs and formulate appropriate treatment plane including decision making for tooth extraction versus treatment.			B1
b2	Select a suitable periodontal techniques or instruments to be use in a specific clinical situation according to indications.			B5
C. Professional and Practical Skills:				
c1	Discuss the medical history as part of the diagnostic process.			C1
c2	Examining the periodontium, establishing a diagnosis.			C2
c3	Examining and monitoring the oral soft and hard tissues including screening (Community Periodontal Index of Treatment Need), plaque and gingival indices, measuring the pocket depth and gingival recession to make the proper diagnosis of various diseases and abnormalities of periodontal tissues			C2
c4	Formulate a comprehensive, sequential dental treatment plan based on the diagnostic findings for the child,			C7

	adolescent and adult patient.			
D. Transferable Skills:				
d1	Use internet and multimedia.			D2
d2	Manage time and resources			D4

(A) Alignment of Course Intended Learning Outcomes (Knowledge and Understanding) to Teaching Strategies and Assessment Methods:			
Course Intended Learning Outcomes		Teaching Strategies	Assessment Strategies
a1	Identify different types of gingivitis	Lectures Discussion	Quizzes Midterm Exam Final Exam Oral exam
a2	Identify different types of periodontitis	Lectures Discussion	Quizzes Midterm Exam Final Exam Oral exam
a3	State periodontal pocket and patterns of attachment loss and their prognostic and treatment implications.	Lectures Discussion	Quizzes Midterm Exam Final Exam Oral exam
(B) Alignment Course Intended Learning Outcomes of Intellectual Skills to Teaching Strategies and Assessment Strategies:			
b1	Prioritize patient's treatment needs and formulate appropriate treatment plane including decision making for tooth extraction versus treatment.	Lectures exercise Debate Discussion	Quizzes Midterm Exam Final Exam Practical Exams Semester work Oral exam
b2	Select a suitable periodontal techniques or instruments to be use in a specific clinical situation according to indications.	Lectures exercise Debate Discussion	Quizzes Midterm Exam Final Exam Practical Exams Semester work Oral exam
C. Professional and Practical Skills:			

Course Intended Learning Outcomes		Teaching Strategies	Assessment Strategies
c1	Taking the medical history as part of the diagnostic process.	exercise Debate	Direct observation Practical Exams Semester work
c2	Examining the periodontium, establishing a diagnosis.	exercise Debate	Direct observation Practical Exams Semester work
c3	Examining and monitoring the oral soft and hard tissues including screening (Community Periodontal Index of Treatment Need), plaque and gingival indices, measuring the pocket depth and gingival recession to make the proper diagnosis of various diseases and abnormalities of periodontal tissues	exercise Debate	Direct observation Practical Exams Semester work
c4	Formulate a comprehensive, sequential dental treatment plan based on the diagnostic findings for the child, adolescent and adult patient.	exercise Debate	Direct observation Practical Exams Semester work

(D) Alignment of Course Intended Learning Outcomes (Transferable Skills) to Teaching Strategies and Assessment Methods:

Course Intended Learning Outcomes		Teaching Strategies	Assessment Strategies
d1	Use internet and multimedia.	Exercise Discussion Brainstorming Debate	Practical Exams Semester work
d2	Manage time and resources	Exercise Discussion Brainstorming Debate	Practical Exams Semester work

IV. Course Contents:

A. Theoretical Aspect:					
No.	Units/Topics List	Sub Topics List	Number of Weeks	Contact Hours	Learning Outcomes (CILOs)
1	Gingival disease	<ul style="list-style-type: none"> Defense mechanisms of gingiva. Gingival inflammation. Clinical features of gingivitis. Gingival enlargement. Plaque induced gingivitis Non-Plaque induced gingivitis Acute gingival infections. Desquamative gingivitis. 	1 st -7 th	7	a1,b1
2	Midterm exam		8 th	1	a1,b1
3	Periodontal Disease	<ul style="list-style-type: none"> Periodontal microbiology Immunity and inflammation (basic concepts). Microbial interaction with the host on periodontal diseases. Molecular biology of host-microbe interaction in periodontal diseases 	9 th -15 th	7	a2, a3, b1, b2
4	Final exam		16 th	1	a1, a2, a3, b1, b2
Number of Weeks /and Units Per Semester			16	16	

B. Case Studies and Practical Aspect:				
No.	Tasks/ Experiments	Week Due	Contact Hours	Learning Outcomes (CILOs)
1	Fill the case sheet for 4th level students and perform all periodontal measurement , Instruct & motivate patients about all possible Oral hygiene procedures, Examine gingival tissues (Plaque and gingival index) and perform all requested periodontal measurement in case sheet, Make the correct diagnosis and proper treatment plan, Identify the instruments for manual root planning and polishing and Using of manual instruments for scaling , root planning and polishing. Using ultrasonic scaling and polishing in 6 th to 10 th , while Sharpening of currets and scalers by using sharpening stones in 7 th .	1 st to 14 th	42	b1,b2,c1, c2, c3, c4, d1, d2
2	Practical exam	15 th	3	b1,b2,c1, c2, c3, c4, d1, d2
Number of Weeks /and Units Per Semester		15	45	

V. Teaching Strategies of the Course:

- Lectures
- Debate
- Training
- Discussion
- Brainstorming

VI. Assessment Methods of the Course:

- Midterm exam
- Final exam
- Practical exam
- Assignment

VII. Assignments:

No.	Assignments	Week Due	Mark	Aligned CILOs (symbols)
1	Oral presentation	1 st to 14 th	10	b1,b2,c1, c2, c3, c4, d1, d2
Total			10	

VIII. Schedule of Assessment Tasks for Students During the Semester:

No.	Assessment Method	Week Due	Mark	Proportion of Final Assessment	Aligned Course Learning Outcomes
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No.	Assessment Method	Week Due	Mark	Proportion of Final Assessment	Aligned Course Learning Outcomes
1	Midterm exam	8 th	20	20%	a1,b1
2	Final exam	16 th	50	50%	a1, a2, a3, b1, b2
3	Practical exam	15 th	20	20%	b1,b2,c1, c2, c3, c4, d1, d2
4	Assignment	1 st to 14 th	10	10%	b1,b2,c1, c2, c3, c4, d1, d2
Total			100	100%	

IX. Learning Resources:

1- Required Textbook(s) (maximum two):

1- Jan Lindhe, 2007, Clinical Periodontology and Implant Dentistry , 4th edition.

2- Essential References:

2- . L T Ross, S W Fardo, M F Walach, 2014, Carranza's Clinical Periodontology, 12th Edition

3- Electronic Materials and Web Sites etc.:

www.Perio.org.

X. Course Policies: (Based on the Uniform Students' By law (2007)

	Class Attendance:
1	Class Attendance is mandatory. A student is considered absent and shall be banned from taking the final exam if his/her absence exceeds 25% of total classes.
	Tardiness:
2	A student will be considered late if he/she is not in class after 10 minutes of the start time of class.
	Exam Attendance/Punctuality:
3	No student shall be allowed to the exam hall after 30 minutes of the start time, and shall not leave the hall before half of the exam time has passed.
	Assignments & Projects:
4	Assignments and projects must be submitted on time. Students who delay their assignments or projects shall lose the mark allocated for the same.
	Cheating:
5	Cheating is an act of fraud that results in the cancelation of the student's exam or assignment. If

	it takes place in a final exam, the penalties stipulated for in the Uniform Students' Bylaw (2007) shall apply.
6	Forgery and Impersonation: Forgery/Impersonation is an act of fraud that results in the cancelation of the student's exam, assignment or project. If it takes place in a final exam, the penalties stipulated for in the Uniform Students' Bylaw (2007) shall apply.
7	Other policies: The University official regulations in force will be strictly observed and students shall comply with all rules and regulations of the examination set by the Department, Faculty and University Administration.

Faculty of Dentistry
Department of Oral Surgery

Doctor of Dental Surgery

Course Plan (Syllabus) of Periodontology II (clinical)

Course No. ()

I. Information about Faculty Member Responsible for the Course:							
Name of Faculty Member:	Dr. Manal Mohammed Al-Hajri	Office Hours					
Location & Telephone No.:	00967776136858						
E-mail:	dent.manal@yahoo.com	SAT	SUN	MON	TUE	WED	THU

II. Course Identification and General Information:

1	Course Title:	Periodontology II (clinical)			
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IV. Course Intended Learning Outcomes (CILOs) :

Upon successful completion of the Course, student will be able to:

A. Knowledge and Understanding:	
a1	Identify different types of gingivitis
a2	Identify different types of periodontitis
a3	State periodontal pocket and patterns of attachment loss and their prognostic and treatment implications.
B. Intellectual Skills:	
b1	Prioritize patient's treatment needs and formulate appropriate treatment plane including decision making for tooth extraction versus treatment.
b2	Select a suitable periodontal techniques or instruments to be use in a specific clinical situation according to indications.
C. Professional and Practical Skills:	
c1	Discuss the medical history as part of the diagnostic process.
c2	Examining the periodontium, establishing a diagnosis.
c3	Examining and monitoring the oral soft and hard tissues including screening (Community Periodontal Index of Treatment Need), plaque and gingival indices, measuring the pocket depth and gingival recession to make the proper diagnosis of various diseases and abnormalities of periodontal tissues
c4	Formulate a comprehensive, sequential dental treatment plan based on the diagnostic findings for the child, adolescent and adult patient.
D. Transferable Skills:	
d1	Use internet and multimedia.
d2	Manage time and resources



V. Course Contents:				
A. Theoretical Aspect:				
No.	Units/Topics List	Sub Topics List	Number of Weeks	Contact Hours
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2	Midterm exam		8 th	1
3	Periodontal Disease	<ul style="list-style-type: none"> • Periodontal microbiology • Immunity and inflammation (basic concepts). • Microbial interaction with the host on periodontal diseases. • Molecular biology of host-microbe interaction in periodontal diseases 	9 th -15 th	7
4	Final exam		16 th	1
Number of Weeks /and Units Per Semester			16	16

B. Case Studies and Practical Aspect:			
No.	Tasks/ Experiments	Week Due	Contact Hours
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2	practical exam	15 th	3
Number of Weeks /and Units Per Semester		15	45

VI. Teaching Strategies of the Course:

- Lectures
- Debate
- Training
- Discussion
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VII. Assessment Methods of the Course:

- Midterm exam
- Final exam
- Practical exam
- Assignment

VIII. Assignments:

No.	Assignments	Week Due	Mark
1	Oral presentation	1st to 14th	10
Total			10

IX. Schedule of Assessment Tasks for Students During the Semester:

No.	Assessment Method	Week Due	Mark	Proportion of Final Assessment
1	Midterm exam	8 th	20	20%
2	Final exam	16 th	50	50%
3	Practical exam	15 th	20	20%
4	Assignment	1 st to 14 th	10	10%
Total			100	100%

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