

# Republic of Yemen

Ministry of Education & Scientific Research

Council of Academic Accreditation & Quality Assurance of

Higher Education(CAQA)



**21 September University**

## **Faculty of Dentistry**

Department of Oral Medicine, Oral Diagnosis, Periodontology and  
Radiology

**Program of Bachelor of Dental surgery**

## **Course Specification of**

Clinical periodontics (1)

**Course Code.** (09.13.941)

**2025**

## I. General Information:

1.	Course Title:	Clinical Periodontics (1)				
2.	Course Code:	09.13.941				
3.	Credit Hours:	Credit Hours	Theory Contact Hours		Practical Contact Hours	
			Lecture	Tutorial/Seminar	Lab	Clinical
		3	2	--	--	3
4.	Level/ Semester at which this Course is offered:	5 <sup>th</sup> Level / 1 <sup>st</sup> Semester				
5.	Pre –Requisite (if any):	Introduction to Periodontics				
6.	Co –Requisite (if any):	-----				
7.	Program (s) in which the Course is Offered:	Program of Bachelor of Dental surgery				
8.	Language of Teaching the Course:	English				
9.	Location of Teaching the Course:	Faculty of Dentistry				
10.	Prepared by:	Dr. Wadhah Alhajj				
11.	Date and Number of Approval by Council:					

## II. Course Description:

The course aims to learn students the most common periodontal diseases and to educate them to determine etiologies and pathology of periodontal diseases based on basic anatomical, histological features of periodontium. The basics of surgical periodontal procedures and periodontal flaps used in the treatment of periodontal conditions involving soft and hard tissue surgeries also discussed and explained. This course also educates the students how to perform efficiently more advanced techniques of root debridement methods for mechanical plaque control. Introduction to periodontics is a pre-requisite for this course. All of that is performed using lectures, discussions and cooperative learning strategies.

III. Course Intended Learning Outcomes (CILOs): Upon successful completion of the course, students will be able to:		Referenced PILOs	
<b>A. Knowledge and Understanding:</b>		<b>I, P or M/A</b>	
a1	Define the diagnosis and treatment of different types of periodontal diseases.	<b>M</b>	<b>A4</b> Describe the different clinical, laboratory and special investigatory procedures practiced in dentistry.
a2	Explain the general basics of periodontal surgeries and flaps.	<b>M</b>	
a3	Recognize the various surgical periodontal procedures.	<b>M</b>	
<b>B. Intellectual Skills:</b>			
b1	Develop the proper treatment plan for different gingival and periodontal conditions.	<b>M</b>	<b>B2</b> Evaluation of critical thinking and evidence-based problem solving when providing patient's care.
			<b>B3</b> Prioritize patient's treatment needs and formulate an appropriate treatment plan.
b2	Differentiate between the various surgical periodontal procedures and their indications.	<b>M</b>	<b>B1</b> Incorporate theoretical basic biomedical, behavioral and dental sciences with the clinical signs and symptoms for appropriate understanding of disease and its management.
<b>C. Professional and Practical Skills:</b>			
c1	Apply the principles of periodontal surgeries.	<b>P</b>	<b>C4</b> Apply comprehensive clinical practices & Apply preventive measures for different age groups bearing in mind the different needs of young children, adolescents, adults, special needs

				and the ageing population/elderly.
			C5	Plan when, how and where to refer a patient to a specialist based on clinical assessment.
c2	Operate efficiently root debridement methods for mechanical plaque control.	P	C4	Apply comprehensive clinical practices & Apply preventive measures for different age groups bearing in mind the different needs of young children, adolescents, adults, special needs and the ageing population/elderly.
<b>D. Transferable Skills:</b>				
d1	Appreciate and respect the patient 's needs and demands.	M	D7	Respect the different cultural beliefs, ethics, personalities, privacy and values for patients and community with a good behavior and follow the institutional and national roles of medical practice.
<b>I= Introduced, P=Practiced or M/A= Mastered/Advanced</b>				

**(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	Define the diagnosis and treatment of different types of periodontal diseases.	<ul style="list-style-type: none"> <li>▪ Interactive lectures</li> <li>▪ Seminars</li> <li>▪ Discussion</li> <li>▪ Self-learning</li> </ul>	<ul style="list-style-type: none"> <li>▪ Quizzes</li> <li>▪ Written Exam</li> <li>▪ Final Oral Exam</li> <li>▪ Final Practical Exam</li> </ul>
a2	Explain the general basics of periodontal surgeries and flaps.	<ul style="list-style-type: none"> <li>▪ Interactive lectures</li> <li>▪ Seminars</li> <li>▪ Discussion</li> <li>▪ Self-learning</li> </ul>	<ul style="list-style-type: none"> <li>▪ Quizzes</li> <li>▪ Written Exam</li> <li>▪ Final Oral Exam</li> <li>▪ Final Practical Exam</li> </ul>
a3	Recognize the various surgical periodontal procedures.	<ul style="list-style-type: none"> <li>▪ Interactive lectures</li> <li>▪ Seminars</li> </ul>	<ul style="list-style-type: none"> <li>▪ Quizzes</li> <li>▪ Written Exam</li> </ul>

		<ul style="list-style-type: none"> <li>▪ Discussion</li> <li>▪ Self-learning</li> </ul>	<ul style="list-style-type: none"> <li>▪ Final Oral Exam</li> <li>▪ Final Practical Exam</li> </ul>
<b>(B) Alignment of Course Intended Learning Outcomes (Intellectual Skills) to Teaching Strategies and Assessment Methods:</b>			
	<b>Course Intended Learning Outcomes</b>	<b>Teaching Strategies</b>	<b>Assessment Strategies</b>
b1	Develop the proper treatment plan for different gingival and periodontal conditions.	<ul style="list-style-type: none"> <li>▪ Interactive lectures</li> <li>▪ Seminars</li> <li>▪ Discussion</li> <li>▪ Self-learning</li> </ul>	<ul style="list-style-type: none"> <li>▪ Quizzes</li> <li>▪ Written Exam</li> <li>▪ Final Oral Exam</li> <li>▪ Final Practical Exam</li> </ul>
b2	Differentiate between the various surgical periodontal procedures and their indications.	<ul style="list-style-type: none"> <li>▪ Interactive lectures</li> <li>▪ Seminars</li> <li>▪ Discussion</li> <li>▪ Self-learning</li> </ul>	<ul style="list-style-type: none"> <li>▪ Quizzes</li> <li>▪ Written Exam</li> <li>▪ Final Oral Exam</li> <li>▪ Final Practical Exam</li> </ul>
<b>(C) Alignment of Course Intended Learning Outcomes (Professional and Practical Skills) to Teaching Strategies and Assessment Methods:</b>			
	<b>Course Intended Learning Outcomes</b>	<b>Teaching Strategies</b>	<b>Assessment Strategies</b>
c1	Apply the principles of periodontal surgeries.	<ul style="list-style-type: none"> <li>▪ Practical session</li> <li>▪ Training</li> <li>▪ CBL</li> <li>▪ PBL</li> </ul>	<ul style="list-style-type: none"> <li>▪ Final Clinical Exam</li> <li>▪ Final Practical Exam</li> <li>▪ OSCE</li> <li>▪ OSPE</li> </ul>
c2	Operate efficiently root debridement methods for mechanical plaque control.	<ul style="list-style-type: none"> <li>▪ Practical session</li> <li>▪ Training</li> <li>▪ CBL</li> <li>▪ PBL</li> </ul>	<ul style="list-style-type: none"> <li>▪ Final Clinical Exam</li> <li>▪ Final Practical Exam</li> <li>▪ OSCE</li> <li>▪ OSPE</li> </ul>
<b>(D) Alignment of Course Intended Learning Outcomes (Transferable Skills) to Teaching Strategies and Assessment Methods:</b>			
	<b>Course Intended Learning Outcomes</b>	<b>Teaching Strategies</b>	<b>Assessment Strategies</b>
d1	Appreciate and respect the patient 's needs and demands.	<ul style="list-style-type: none"> <li>▪ Seminars</li> <li>▪ Discussion</li> <li>▪ Presentation</li> <li>▪ PBL</li> </ul>	<ul style="list-style-type: none"> <li>▪ Homework</li> <li>▪ Research</li> </ul>

## IV. Course Contents:

### A. Theoretical Aspect:

No.	Units/Topics List	Sub Topics List	Number of Weeks	Contact Hours	Learning Outcomes (CILOs)
1	<b>Plaque-induced gingivitis- Chronic desquamative gingivitis - Plasma cell gingivitis</b>	<ul style="list-style-type: none"> <li>- Characters</li> <li>- Manifestations</li> <li>- Etiology</li> <li>- Pathogenesis</li> <li>- Treatment</li> <li>- Prognosis</li> </ul>	2	4	a1, b1, c2, d1
2	<b>Periodontitis</b>	<ul style="list-style-type: none"> <li>- Classifications</li> <li>- Clinical features</li> <li>- Etiology</li> <li>- Diagnosis</li> <li>- Treatment</li> <li>- Prognosis</li> </ul>	1	2	a1, b1, c2, d1
3	<b>Acute periodontal infections</b>	<ul style="list-style-type: none"> <li>- Necrotizing ulcerative diseases.</li> <li>- Acute herpetic gingivostomatitis</li> <li>- Acute pericoronitis</li> </ul>	1	2	a1, b1, c2, d1
4	<b>Periodontal abscesses</b>	<ul style="list-style-type: none"> <li>- Gingival abscess</li> <li>- Periodontal abscesses (Acute and chronic)</li> <li>- Peri-coronal abscess</li> </ul>	1	2	a1, b1, c2, d1
5	<b>Gingival enlargement "Overgrowth)</b>	<ul style="list-style-type: none"> <li>- Inflammatory</li> <li>- Non- inflammatory</li> <li>- Combined</li> <li>- Conditioned</li> <li>- Developmental</li> <li>- Eruptive</li> <li>- Neoplastic</li> </ul>	1	2	a1, b1, c2, d1
6	- <b>Midterm examination</b>		1	2	a1, b1, c2, d1
7	<b>Periodontal surgery - (Introduction)</b>	<ul style="list-style-type: none"> <li>- Indications</li> <li>- Contraindications</li> <li>- Objectives</li> <li>- Instruments</li> <li>- Suturing</li> <li>- Periodontal pack</li> <li>- Post-operative instructions</li> </ul>	2	4	a2, a3, b1, b2, c1, d1
8	<b>Periodontal flaps</b>	<ul style="list-style-type: none"> <li>- Types of periodontal flaps</li> <li>- According to bone exposure</li> </ul>	1	2	a2, a3, b1, b2,

No.	Units/Topics List	Sub Topics List	Number of Weeks	Contact Hours	Learning Outcomes (CILOs)
	- 1	- According to papilla preservation - According to flap displacement - According to flap shape			c1, d1
9	<b>Periodontal flaps and incisions -2</b>	- Complications of periodontal flaps Types of periodontal incisions: - Horizontal incisions - Vertical incision	1	2	a2, a3, b1, b2, c1, d1
10	<b>Gingivectomy and gingivoplasty</b>	- Definition - Indications - Contraindications - Advantages - Disadvantages - Surgical technique - Laser technique - Electro surgery technique	2	4	a2, a3, b1, b2, c1, d1
11	<b>Periodontal pocket Therapy</b>	- Sub-gingival curettage - ENAP - Modified Widman flap - Non-Displaced flap - Apically displaced flap - Distal wedge flap	2	4	a2, a3, b1, b2, c1, d1
12	- <b>Final Theoretical Exam</b>		1	2	a1, a2, a3, b1, b2, c1, c2, d1
<b>Number of Weeks /and Units Per Semester</b>			<b>16</b>	<b>32</b>	

#### B. Practical Aspect (Lab/Clinical) (if any):

No.	Tasks/ Experiments	Number of Weeks	Contact Hours	Learning Outcomes (CILOs)
1	- Demo supra and sub gingival scaling and root planning (Power)	2	6	b1, c2 , d1
2	- Cases of scaling and root planing for various gingivitis and periodontitis cases	1	3	b1, c2 , d1
3	- Cases of scaling and root planing for various gingivitis	1	3	b1, c2 , d1

No.	Tasks/ Experiments	Number of Weeks	Contact Hours	Learning Outcomes (CILOs)
	and periodontitis cases			
4	- Cases of scaling and root planing for various gingivitis and periodontitis cases	1	3	b1, c2 , d1
5	- Cases of scaling and root planing for various gingivitis and periodontitis cases	1	3	b1, c2 , d1
6	- Cases of scaling and root planing for various gingivitis and periodontitis cases	1	3	b1, c2 , d1
7	- Cases of scaling and root planing for various gingivitis and periodontitis cases	1	3	b1, c2 , d1
8	- Cases of scaling and root planing for various gingivitis and periodontitis cases	1	3	b1, c2 , d1
9	- Cases of scaling and root planing for various gingivitis and periodontitis cases	1	3	b1, c2 , d1
10	- Cases of scaling and root planing for various gingivitis and periodontitis cases	1	3	b1, c2 , d1
11	- Cases of scaling and root planing for various gingivitis and periodontitis cases	1	3	b1, c2 , d1
12	- Cases of scaling and root planing for various gingivitis and periodontitis cases	1	3	b1, c2 , d1
13	- Cases of scaling and root planing for various gingivitis and periodontitis cases	1	3	b1, c2 , d1
14	- Final practical examination	1	3	b1, c2 , d1
<b>Number of Weeks /and Units Per Semester</b>		<b>15</b>	<b>45</b>	

## VII. Assignments:

No.	Assignments	Week Due	Mark	Aligned CILOs (symbols)
1	<b>Assignments: Six practical requirement cases</b>	3 <sup>rd</sup> -14 <sup>th</sup> week	20	b1, c2 , d1
<b>Total</b>			<b>20</b>	

VIII. Schedule of Assessment Tasks for Students During the Semester:					
No.	Assessment Method	Week Due	Mark	Proportion of Final Assessment	Aligned Course Learning Outcomes
1	Assignments	3 <sup>rd</sup> - 14 <sup>th</sup> weeks	20	20%	b1, c2 , d1
2	Mid-Term Theoretical Exam	7 <sup>th</sup> week	20	20%	a1, b1, c2, d1
3	Final Practical Exam	15 <sup>th</sup> week	20	20%	b1, c2 , d1
4	Final Theoretical Exam	16 <sup>th</sup> week	40	40%	a1, a2, a3, b1, b2, c1, c2, d1
Total			100	100%	

IX. Learning Resources:
<ul style="list-style-type: none"> <li>Written in the following order: Author, Year of publication, Title, Edition, Place of publication, Publisher.</li> </ul>
<p><b>1- Required Textbook(s) (maximum two ):</b></p> <p>1- Newman and Carranza`s Clinical Periodontology, Newman MG, Takei HH, Klokkevold PR, Carranza FA, 14<sup>th</sup>, Edition, 2024</p> <p>2- Lindhe`s Clinical Periodontology &amp; _Implant Dentistry 7th_Ed, Jan Lindhe and Niklaus P. Lang, 7<sup>th</sup> Edition, 2022.</p>
<p><b>2- Essential References:</b></p> <p>1- Fernando Suarez,: Periodontics: The Complete Summary CBS; 1st edition (April 6, 2021)</p> <p>2- Geoffrey Bateman et al,:Contemporary Periodontal Surgery: An Illustrated Guide to the Art behind the Science Quintessence Publishing (IL); 1st edition (September 11, 2019)</p> <p>3- Serge Dibart ,2020:Practical Advanced Periodontal Surgery 2nd Edition, Wiley-Blackwell</p>
<p><b>3- Electronic Materials and Web Sites etc.:</b></p> <p><b>Websites:</b></p> <p>1- <a href="http://free-books.us.to">http://free-books.us.to</a></p> <p>2- <a href="http://www.sciencedirect.com/science/journal/10792104">http://www.sciencedirect.com/science/journal/10792104</a></p> <p>3- <a href="http://www.ncbi.nlm.nih.gov/pubmed">http://www.ncbi.nlm.nih.gov/pubmed</a></p> <p>4- <a href="http://www.pubmed.com">http://www.pubmed.com</a></p> <p><b>Journals:</b></p>

- 1- Journal of Clinical Periodontology  
<https://journals.scholarsportal.info/browse/03036979>
- 2- Journal of Periodontology  
<https://home.perio.org/pprosso/login.aspx?vi=7&vt=c08dffe7def360c1215c7068b1286bc0e7d266344c92a14b75c905bbdd558923c9c3023c25d44700058fb96af843d0a4b89ba6ab69c2c3a7306aa926d8317d2ddafc93defdf470d26a25e1730a60cbb&ResetEmail=N>

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

<b>1</b>	<b>Class Attendance:</b> 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.
<b>2</b>	<b>Tardiness:</b> A student will be considered late if he/she is not in class after 10 minutes of the start time of class.
<b>3</b>	<b>Exam Attendance/Punctuality:</b> 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.
<b>4</b>	<b>Assignments &amp; Projects:</b> Assignments and projects must be submitted on time. Students who delay their assignments or projects shall lose the mark allocated for the same.
<b>5</b>	<b>Cheating:</b> 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.
<b>6</b>	<b>Forgery and Impersonation:</b> 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.
<b>7</b>	<b>Other policies:</b> 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.

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### Course Specification of

Clinical Periodontics (1)

**Course Code.** (09.13.941)

2025



T4: This Template is Developed and Approved by CAQA-Yemen, 2023

I. Information about Faculty Member Responsible for the Course:							
Name of Faculty Member:		Office Hours					
Location & Telephone No.:	-----						
E-mail:	--@--.--	SAT	SUN	MON	TUE	WED	THU

2024/2025

II. Course Identification and General Information:					
Course Title:	Clinical Periodontics (1)				
Course Code:	09.13.941				
Credit Hours:	Credit Hours	Theory Contact Hours		Practical Contact Hours	
		Lecture	Tutorial/ Seminar	Lab	Clinical
	3	2	--	--	3
Level/ Semester at which this Course is offered:	5th Level / 1st Semester				
Pre –Requisite (if any):	Introduction to Periodontics				
Co –Requisite (if any):	-----				
Program (s) in which the Course is Offered:	Program of Bachelor of Dental surgery				
Language of Teaching the Course:	English				
Location of Teaching the Course:	Faculty of Dentistry				
Prepared by:	Dr. Wadhah Alhajj				
11	Date and Number of Approval by Council:				



	n s f e r a b l e  S k i l l s :
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d1	Appreciate and respect the patient 's needs and demands.	
<b>I= Introduced, P=Practiced or M/A= Mastered/Advanced</b>		

V. Course Contents:				
A. Theoretical Aspect:				
No.	Units/Topics List	Sub Topics List	Number of Weeks	Contact Hours
1	<b>Plaque-induced gingivitis- Chronic desquamative gingivitis - Plasma cell gingivitis</b>	<ul style="list-style-type: none"> <li>- Characters</li> <li>- Manifestations</li> <li>- Etiology</li> <li>- Pathogenesis</li> <li>- Treatment</li> <li>- Prognosis</li> </ul>	2	4
2	<b>Periodontitis</b>	<ul style="list-style-type: none"> <li>- Classifications</li> <li>- Clinical features</li> <li>- Etiology</li> <li>- Diagnosis</li> <li>- Treatment</li> </ul>	1	2

No.	Units/Topics List	Sub Topics List	Number of Weeks	Contact Hours
		- Prognosis		
3	<b>Acute periodontal infections</b>	- Necrotizing ulcerative diseases. - Acute herpetic gingivostomatitis - Acute pericoronitis	1	2
4	<b>Periodontal abscesses</b>	- Gingival abscess - Periodontal abscesses (Acute and chronic) - Peri-coronal abscess	1	2
5	<b>Gingival enlargement "Overgrowth"</b>	- Inflammatory - Non-inflammatory - Combined - Conditioned - Developmental - Eruptive - Neoplastic	1	2
6	<b>- Midterm examination</b>		1	2
7	<b>Periodontal surgery - (Introduction)</b>	- Indications - Contraindications - Objectives - Instruments - Suturing - Periodontal pack - Post-operative instructions	2	4
8	<b>Periodontal flaps – 1</b>	Types of periodontal flaps - According to bone exposure - According to papilla preservation - According to flap displacement - According to flap shape	1	2
9	<b>Periodontal flaps and incisions -2</b>	- Complications of periodontal flaps Types of periodontal incisions: - Horizontal incisions - Vertical incision	1	2
10	<b>Gingivectomy and gingivoplasty</b>	- Definition - Indications - Contraindications - Advantages - Disadvantages - Surgical technique - Laser technique - Electro surgery technique	2	4
11		- Sub-gingival curettage - ENAP	2	4

No.	Units/Topics List	Sub Topics List	Number of Weeks	Contact Hours
	<b>Periodontal pocket Therapy</b>	<ul style="list-style-type: none"> <li>- Modified Widman flap</li> <li>- Non-Displaced flap</li> <li>- Apically displaced flap</li> <li>- Distal wedge flap</li> </ul>		
<b>12</b>	<b>- Final Theoretical Exam</b>		<b>1</b>	<b>2</b>
<b>Number of Weeks /and Units Per Semester</b>			<b>16</b>	<b>32</b>

No.	Units/Topics List	Sub Topics List	Number of Weeks	Contact Hours
<b>1</b>	<b>Plaque-induced gingivitis- Chronic desquamative gingivitis - Plasma cell gingivitis</b>	<ul style="list-style-type: none"> <li>- Characters</li> <li>- Manifestations</li> <li>- Etiology</li> <li>- Pathogenesis</li> <li>- Treatment</li> <li>- Prognosis</li> </ul>	<b>2</b>	<b>4</b>
<b>2</b>	<b>Periodontitis</b>	<ul style="list-style-type: none"> <li>- Classifications</li> <li>- Clinical features</li> <li>- Etiology</li> <li>- Diagnosis</li> <li>- Treatment</li> <li>- Prognosis</li> </ul>	<b>1</b>	<b>2</b>
<b>3</b>	<b>Acute periodontal infections</b>	<ul style="list-style-type: none"> <li>- Necrotizing ulcerative diseases.</li> <li>- Acute herpetic gingivostomatitis</li> <li>- Acute pericoronitis</li> </ul>	<b>1</b>	<b>2</b>
<b>4</b>	<b>Periodontal abscesses</b>	<ul style="list-style-type: none"> <li>- Gingival abscess</li> <li>- Periodontal abscesses (Acute and chronic)</li> <li>- Peri-coronal abscess</li> </ul>	<b>1</b>	<b>2</b>
<b>5</b>	<b>Gingival enlargement "Overgrowth"</b>	<ul style="list-style-type: none"> <li>- Inflammatory</li> <li>- Non- inflammatory</li> <li>- Combined</li> <li>- Conditioned</li> <li>- Developmental</li> <li>- Eruptive</li> <li>- Neoplastic</li> </ul>	<b>1</b>	<b>2</b>
<b>6</b>	<b>Midterm examination</b>		<b>1</b>	<b>2</b>
<b>7</b>	<b>Periodontal surgery - (Introduction)</b>	<ul style="list-style-type: none"> <li>- Indications</li> <li>- Contraindications</li> <li>- Objectives</li> <li>- Instruments</li> <li>- Suturing</li> </ul>	<b>2</b>	<b>4</b>

No.	Units/Topics List	Sub Topics List	Number of Weeks	Contact Hours
		<ul style="list-style-type: none"> <li>- Periodontal pack</li> <li>- Post-operative instructions</li> </ul>		
8	<b>Periodontal flaps - 1</b>	Types of periodontal flaps According to bone exposure <ul style="list-style-type: none"> <li>- According to papilla preservation</li> <li>- According to flap displacement</li> <li>- According to flap shape</li> </ul>	1	2
9	<b>Periodontal flaps and incisions -2</b>	Complications of periodontal flaps <ul style="list-style-type: none"> <li>- Types of periodontal incisions:</li> <li>- Horizontal incisions</li> <li>- Vertical incision</li> </ul>	1	2
10	<b>Gingivectomy and gingivoplasty</b>	<ul style="list-style-type: none"> <li>- Definition</li> <li>- Indications</li> <li>- Contraindications</li> <li>- Advantages</li> <li>- Disadvantages</li> <li>- Surgical technique</li> <li>- Laser technique</li> <li>- Electro surgery technique</li> </ul>	2	4
11	<b>Periodontal pocket Therapy</b>	<ul style="list-style-type: none"> <li>- Sub-gingival curettage</li> <li>- ENAP</li> <li>- Modified Widman flap</li> <li>- Non-Displaced flap</li> <li>- Apically displaced flap</li> <li>- Distal wedge flap</li> </ul>	2	4
12	<b>- Final Theoretical Exam</b>		1	2
<b>- Number of Weeks /and Units Per Semester</b>			<b>16</b>	<b>32</b>

### B. Case Studies and Practical Aspect:

No.	Tasks/ Experiments	Number of Weeks	Contact Hours
1	Demo supra and sub gingival scaling and root planing (Power)	2	6
2	Cases of scaling and root planing for various gingivitis and periodontitis cases	1	3
3	Cases of scaling and root planing for various gingivitis and periodontitis	1	3

No.	Tasks/ Experiments	Number of Weeks	Contact Hours
	cases		
4	Cases of scaling and root planing for various gingivitis and periodontitis cases	1	3
5	Cases of scaling and root planing for various gingivitis and periodontitis cases	1	3
6	Cases of scaling and root planing for various gingivitis and periodontitis cases	1	3
7	Cases of scaling and root planing for various gingivitis and periodontitis cases	1	3
8	Cases of scaling and root planing for various gingivitis and periodontitis cases	1	3
9	Cases of scaling and root planing for various gingivitis and periodontitis cases	1	3
10	Cases of scaling and root planing for various gingivitis and periodontitis cases	1	3
11	Cases of scaling and root planing for various gingivitis and periodontitis cases	1	3
12	Cases of scaling and root planing for various gingivitis and periodontitis cases	1	3
13	Cases of scaling and root planing for various gingivitis and periodontitis cases	1	3
14	Final practical examination	1	3
<b>Number of Weeks /and Units Per Semester</b>		<b>15</b>	<b>45</b>

No.	Tasks/ Experiments	Number of Weeks	Contact Hours
1	- Demo supra and sub gingival scaling and root planing (Power)	2	6
2	- Cases of scaling and root planing for various gingivitis and periodontitis cases	1	3
3	- Cases of scaling and root planing for various gingivitis and periodontitis cases	1	3
4	- Cases of scaling and root planing for various gingivitis and	1	3

No.	Tasks/ Experiments	Number of Weeks	Contact Hours
	periodontitis cases		
5	- Cases of scaling and root planing for various gingivitis and periodontitis cases	1	3
6	- Cases of scaling and root planing for various gingivitis and periodontitis cases	1	3
7	- Cases of scaling and root planing for various gingivitis and periodontitis cases	1	3
8	- Cases of scaling and root planing for various gingivitis and periodontitis cases	1	3
9	- Cases of scaling and root planing for various gingivitis and periodontitis cases	1	3
10	- Cases of scaling and root planing for various gingivitis and periodontitis cases	1	3
11	- Cases of scaling and root planing for various gingivitis and periodontitis cases	1	3
12	- Cases of scaling and root planing for various gingivitis and periodontitis cases	1	3
13	- Cases of scaling and root planing for various gingivitis and periodontitis cases	1	3
14	- Final practical examination	1	3
<b>Number of Weeks /and Units Per Semester</b>		<b>15</b>	<b>45</b>

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## VI. Teaching Strategies of the Course:

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## VII. Assessment Methods of the Course:

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## VIII. Assignments:

No.	Assignments	Week Due	Mark
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No.	Assignments	Week Due	Mark
1	Assignments: Six practical requirement cases	3rd -14th week	20
<b>Total</b>			<b>20</b>

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

No.	Assessment Method	Week Due	Mark	Proportion of Final Assessment
1	Assignments	3rd - 14th weeks	20	20%
2	Mid-Term Theoretical Exam	7th week	20	20%
3	Final Practical Exam	15th week	20	20%
4	Final Theoretical Exam	16th week	40	40%
<b>Total</b>			<b>100</b>	<b>100%</b>

No.	Assessment Method	Week Due	Mark	Proportion of Final Assessment
1	Assignments	3 <sup>rd</sup> -14 <sup>th</sup> weeks	20	20%
2	Mid-Term Theoretical Exam	7 <sup>th</sup> week	20	20%
3	Final Practical Exam	15 <sup>th</sup> week	20	20%
4	Final Theoretical Exam	16 <sup>th</sup> week	40	40%
<b>Total</b>			<b>100</b>	<b>100%</b>

### X. Learning Resources:

- Written in the following order: Author, Year of publication, Title, Edition, Place of publication, Publisher.

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

Newman and Carranza`s Clinical Periodontology, Newman MG, Takei HH, Klokkevold PR, Carranza FA, 14th, Edition, 2024

Lindhe`s Clinical Periodontology & \_Implant Dentistry 7th\_Ed, *Jan Lindhe and Niklaus P. Lang, 7<sup>th</sup> Edition, 2022.*

## 2- Essential References:

Fernando Suarez,: Periodontics: The Complete Summary CBS; 1st edition (April 6, 2021)

Geoffrey Bateman et al,:Contemporary Periodontal Surgery: An Illustrated Guide to the Art behind the Science Quintessence Publishing (IL); 1st edition (September 11, 2019)

Serge Dibart ,2020:Practical Advanced Periodontal Surgery 2nd Edition, Wiley-Blackwell

## 3- Electronic Materials and Web Sites etc.:

### Websites:

1- <http://free-books.us.to>

2- <http://www.sciencedirect.com/science/journal/10792104>

3- <http://www.ncbi.nlm.nih.gov/pubmed>

4- <http://www.pubmed.com>

5-

6- Journals:

Journal of Clinical Periodontology

7- <https://journals.scholarsportal.info/browse/03036979>

Journal of Periodontology

<https://home.perio.org/pprosso/login.aspx?vi=7&vt=c08dffeffdef360c1215c7068b1286bc0e7d266344c92a14b75c905bbdd558923c9c3023c25d44700058fb96af843d0a4b89ba6ab69c2c3a7306aa926d8317d2ddafc93defdf470d26a25e1730a60cbb&ResetEmail=N>

## XI. Course Policies: (Based on the Uniform Students' Bylaw (2007))

1	<p><b>Class Attendance:</b> 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.</p>
2	<p><b>Tardiness:</b> A student will be considered late if he/she is not in class after 10 minutes of the start time of class.</p>
3	<p><b>Exam Attendance/Punctuality:</b> No student shall be allowed to the exam hall after 30 minutes of the start time, and shall not</p>

	leave the hall before half of the exam time has passed.
4	<b>Assignments &amp; Projects:</b> Assignments and projects must be submitted on time. Students who delay their assignments or projects shall lose the mark allocated for the same.
5	<b>Cheating:</b> 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	<b>Forgery and Impersonation:</b> 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	<b>Other policies:</b> 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.