

# **Department of Periodontology**



**Study Guide**  
**3<sup>rd</sup> Year BDS**

**College of Dentistry**  
**Sharif Medical & Dental College, Lahore**



## PREFACE

Study guides can make a major contribution to learning. They are sometimes likened to a tutor sitting on the student's shoulder-available 24 hours a day to advise the student what he/she should be doing at any stage in their study. Study guides are different from textbooks. They apprise the student at the beginning of an academic session about the course outline, the teaching methodology to be followed throughout the year, learning objectives of each academic activity and the assessment methodology to be followed in an academic session.

At SMDC we follow the traditional annual academic schedule in which the subject of Periodontology is taught in the third academic year of a dental student. Keeping in view the mission of UHS, Lahore and vision of our institute we have designed a training program which is intensive and at the same time interesting for the young minds. This guide includes details about various teaching activities which are to take place throughout the academic year along with the time allocation of each. A list of lectures to be conducted in this session with names of the instructors is attached. Broad learning outcomes of every section of the course accompanied by specific learning objective of every lecture is also included. Details of various assessment and testing methodology are included and marks distribution for the subject in the 3<sup>rd</sup> Professional examinations has been given. Names and email contacts of faculty have also been mentioned to foster better interaction between the teacher and the taught. A list of prescribed text and reference books forms part of this study guide. Since this document is the first of its kind we intend to improve upon it in light of the student-feedback every year. For now, happy reading.

Dr. Usman Rashid  
B. Sc, B.D.S, MSDent (Perio)  
Senior Registrar  
Department of Periodontology



## **VISION & MISSION OF UHS**

Qualitative and Quantitative Revolution in Medical Education and Research through Evolution and there by improve Health Care delivery to Populace.

UHS shall be innovative global center of excellence in learning and research, supporting a community of scholars and professionals committed to serving society, promoting the development of students to reach their true potential in becoming competent, ethical, caring, and inquiring health professionals for the benefit of the country and the wider world.

## **MISSION OF SMDC**

Sharif Medical & Dental College is dedicated to best serve the nation through preservation and dissemination of advanced knowledge and educating the students by latest trends in learning and research reaching levels pars excellence.

The Institution is committed to provide standardized quality medical education to its students by inculcating professional knowledge, skills, and responsibilities in them with the aim of:

- Preparing them as modern physicians having initiative to act as future leaders in their respective fields and becoming lifelong learners.
- Encouraging the spirit of critical thinking through research and publication.
- Building up an understanding of the ethical values compatible with our religion, culture and social norms.
- Developing a sense of being responsible citizens of the society possessing professional competence and instilling in them the values of hard work and dedication thus preparing them to be accountable to the stakeholders and the state.

The Institution is devoted to keep abreast its faculty with the latest trends in Medical Education encompassing teaching/learning methodologies, assessment tools, research opportunities and professionalism to facilitate their professional development, competencies, and commitment towards continues learning.

Our patient-centered mission is achieved by outstanding medical care & services in professional practice with due emphasis and focus on our local health needs.

Our mission further elaborates upon establishing academic and research facilities in areas of local demand under global gold standards and leading advancement in research, education & patient care.

## **VISION OF SMDC**

To be recognized for the provision of a safe and functional environment conducive to collaborative teaching & learning, comfortable working atmosphere, and conducting world class research through professionalism and excellence.



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## **PLANNED TEACHING ACTIVITIES FOR 3RD YEAR BDS DEPARTMENT OF PERIODONTOLOGY**

PMC has allocated 170 hours of teaching in the subject of Periodontology for the BDS course. In order to meet this requirement following teaching modules have been planned. These modules have been carefully designed to impart core knowledge of Periodontology in a manner that an undergraduate student can grasp the subject fully and is adequately prepared for university examinations.

### **Lectures**

A total of 121 lectures are planned for the entire year. The lectures will be conducted by Senior Registrar and Demonstrators that are experienced in the subject of Periodontology. The lectures will be interactive and students should actively participate in them to clear their doubts. The students are required to take notes of the lectures and study the topic with the help of prescribed text books in light of the learning objectives of the topic enunciated by the teacher at the beginning of each lecture.

### **Clinical Work**

Clinical rotations have been planned thrice a week. It will comprise of patients interaction, history taking, clinical examination, diagnosis, and treatment planning. Writing and teaching of prescription of drugs also involved. Clinical practice will be conducted by demonstrators under an active supervision of senior registrar. Students are required to enter their work in their practical note books and get them checked by the instructors regularly.

### **Small group discussions**

This format helps students to clarify concepts and acquire skills and attitudes. Students exchange opinions and apply knowledge gained from lectures and self-study. The facilitator role is to ask probing questions, summarize, or rephrase to help clarify concepts.

### **Practical**

In practical sessions students observe demonstrations from faculty members on proper instrument use and handling both inside and outside the patients mouth. The students are trained in diagnosing and treating a periodontal disease as per protocols set by the department.



## TRAINING PROGRAMME FOR LECTURES

### DEPARTMENT OF PERIODONTOTLOGY

S. No	Lectures/Chapters:	Delivered By:
1.	Introduction	Dr. Usman Rashid
2.	Normal Periodontium	Dr. Usman Rashid
3.	Normal Periodontium	Dr. Usman Rashid
4.	Instruments Used for Periodontal Treatment	Dr. Mehreen Ishtiaq
5.	Instruments Used for Periodontal Treatment	Dr. Mehreen Ishtiaq
6.	Classification Of Diseases of Periodontium	Dr. Usman Rashid
7.	Classification Of Diseases of Periodontium	Dr. Usman Rashid
8.	Classification Of Diseases of Periodontium	Dr. Usman Rashid
9.	Classification Of Diseases of Periodontium	Dr. Usman Rashid
10.	Gingival Inflammation	Dr. Shahab Rafiq
11.	Gingival Inflammation	Dr. Shahab Rafiq
12.	Test	Dr. Shahab Rafiq
13.	Gingival Inflammation	Dr. Shahab Rafiq
14.	Clinical Features of Gingivitis	Dr. Shahab Rafiq
15.	Clinical Features of Gingivitis	Dr. Shahab Rafiq
16.	Gingival Enlargement	Dr. Mehreen Ishtiaq
17.	Gingival Enlargement	Dr. Mehreen Ishtiaq
18.	Gingival Enlargement	Dr. Mehreen Ishtiaq
19.	Treatment Of Gingival Enlargement	Dr. Mehreen Ishtiaq
20.	Treatment Of Gingival Enlargement	Dr. Mehreen Ishtiaq
21.	Treatment Of Gingival Enlargement	Dr. Mehreen Ishtiaq
22.	Anug	Dr. Shahab



		Rafiq
23.	Anug	Dr. Shahab Rafiq
24.	Test	
25.	Anug	Dr. Shahab Rafiq
26.	Treatment Of Anug	Dr. Shahab Rafiq
27.	Treatment Of Anug	Dr. Shahab Rafiq
28.	Aging And Periodontium	Dr. Shahab Rafiq
29.	Aging And Periodontium	Dr. Shahab Rafiq
30.	Scaling And Root Planning	Dr. Usman Rashid
31.	Scaling And Root Planning	Dr. Usman Rashid
32.	Periodontal Pocket	Dr. Usman Rashid
33.	Periodontal Pocket	Dr. Usman Rashid
34.	Periodontal Pocket	Dr. Usman Rashid
35.	Treatment Of Periodontal Abscess	Dr. Usman Rashid
36.	Treatment Of Periodontal Abscess	Dr. Usman Rashid
37.	Bone Loss& Bone Destruction Pattern	Dr. Mehreen Ishtiaq
38.	Bone Loss& Bone Destruction Pattern	Dr. Mehreen Ishtiaq
39.	Test	
40.	Bone Loss& Bone Destruction Pattern	Dr. Mehreen Ishtiaq
41.	Periodontal Response to External Forces	Dr. Shahab Rafiq
42.	Periodontal Response to External Forces	Dr. Shahab Rafiq
43.	Chronic Periodontitis	Dr. Usman Rashid
44.	Chronic Periodontitis	Dr. Usman Rashid
45.	Chronic Periodontitis	Dr. Usman Rashid
46.	Nup	Dr. Shahab Rafiq
47.	Aggressive Periodontitis	Dr. Usman Rashid
48.	Aggressive Periodontitis	Dr. Usman



		Rashid
49.	Aggressive Periodontitis	Dr. Usman Rashid
50.	Dental Calculus	Dr. Shahab 24. Rafiq
51.	Test	
52.	Dental Calculus	Dr. Shahab Rafiq
53.	Periodontal Microbiology	Dr. Mehreen Ishtiaq
54.	Periodontal Microbiology	Dr. Mehreen Ishtiaq
55.	Periodontal Microbiology	Dr. Mehreen Ishtiaq
56.	Smoking And Periodontal Diseases	Dr. Shahab Rafiq
57.	Smoking And Periodontal Diseases	Dr. Shahab Rafiq
58.	Smoking And Periodontal Diseases	Dr. Shahab Rafiq
59.	Influence of the Systemic Disorders on The Periodontium	Dr. Mehreen Ishtiaq
60.	Influence of the Systemic Disorders on The Periodontium	Dr. Mehreen Ishtiaq
61.	Impact of Periodontal Infection on Systemic Health	Dr. Usman Rashid
62.	Impact of Periodontal Infection on Systemic Health	Dr. Usman Rashid
63.	Test	
64.	Oral Malodor	Dr. Shahab Rafiq
65.	Oral Malodor	Dr. Shahab Rafiq
66.	Oral Malodor	Dr. Shahab Rafiq
67.	Clinical Diagnosis	Dr. Usman Rashid
68.	Clinical Diagnosis	Dr. Usman Rashid
69.	Radiographic Aids in The Diagnosis of Periodontal Diseases	Dr. Usman Rashid
70.	Radiographic Aids in The Diagnosis of Periodontal Diseases	Dr. Usman Rashid
71.	Determination Of Prognosis	Dr. Usman Rashid
72.	Determination Of Prognosis	Dr. Usman Rashid
73.	Treatment Plan	Dr. Usman Rashid
74.	Treatment Plan	Dr. Usman



		Rashid
75.	Phase-1 Periodontal Therapy	Dr. Usman Rashid
76.	Phase-1 Periodontal Therapy	Dr. Usman Rashid
77.	Plaque Control for The Periodontal Patient	Dr. Shahab Rafiq
78.	Test	
79.	Plaque Control for The Periodontal Patient	Dr. Shahab Rafiq
80.	Plaque Control for The Periodontal Patient	Dr. Shahab Rafiq
81.	Plaque Control for The Periodontal Patient	Dr. Shahab Rafiq
82.	Desquamative Gingivitis	Dr. Mehreen Ishtiaq
83.	Desquamative Gingivitis	Dr. Mehreen Ishtiaq
84.	Desquamative Gingivitis	Dr. Mehreen Ishtiaq
85.	Desquamative Gingivitis	Dr. Mehreen Ishtiaq
86.	Sonic And Ultrasonic Instrumentation and Irrigation	Dr. Mehreen Ishtiaq
87.	Sonic And Ultrasonic Instrumentation and Irrigation	Dr. Mehreen Ishtiaq
88.	Sonic And Ultrasonic Instrumentation and Irrigation	Dr. Mehreen Ishtiaq
89.	Anti-Infective Therapy	Dr. Mehreen Ishtiaq
90.	Test	
91.	Anti-Infective Therapy	Dr. Mehreen Ishtiaq
92.	Anti-Infective Therapy	Dr. Mehreen Ishtiaq
93.	Host Modulation Therapy	Dr. Shahab Rafiq
94.	Host Modulation Therapy	Dr. Shahab Rafiq
95.	Diagnosis & Management of Periodontic-Endodontic Lesions	Dr. Mehreen Ishtiaq
96.	Diagnosis & Management of Periodontic-Endodontic Lesions	Dr. Mehreen Ishtiaq
97.	Diagnosis & Management of Periodontic Endodontic Lesions	Dr. Mehreen Ishtiaq
98.	Phase-2 Periodontal Therapy	Dr. Usman Rashid
99.	Phase-2 Periodontal Therapy	Dr. Usman Rashid
100.	General Principals of Periodontal Surgery	Dr. Usman

		Rashid
101.	General Principals of Periodontal Surgery	Dr. Usman Rashid
102.	Test	Dr. Usman Rashid
103.	General Principals of Periodontal Surgery	Dr. Usman Rashid
104.	Gingival Surgical Techniques	Dr. Usman Rashid
105.	Gingival Surgical Techniques	Dr. Usman Rashid
106.	Gingival Surgical Techniques	Dr. Usman Rashid
107.	Periodontal Flap	Dr. Usman Rashid
108.	Periodontal Flap	Dr. Usman Rashid
109.	Periodontal Flap	Dr. Usman Rashid
110.	Resective Osseous Surgery	Dr. Usman Rashid
111.	Resective Osseous Surgery	Dr. Usman Rashid
112.	Resective Osseous Surgery	Dr. Usman Rashid
113.	Reconstructive Periodontal Surgery	Dr. Usman Rashid
114.	Reconstructive Periodontal Surgery	Dr. Usman Rashid
115.	Reconstructive Periodontal Surgery	Dr. Usman Rashid
116.	Test	Dr. Usman Rashid
117.	Furcation Involvement & Treatment	Dr. Usman Rashid
118.	Furcation Involvement & Treatment	Dr. Usman Rashid
119.	Introduction To Implants	Dr. Usman Rashid
120.	Introduction To Implants	Dr. Usman Rashid
121.	Periodontal Treatment of Medically Compromised Patients	Dr. Mehreen Ishtiaq
122.	Test	



## TRAINING PROGRAM FOR LECTURES, DEPARTMENT OF PERIODONTOLOGY 3RD YEAR BDS CLASS

- Periodontology should be considered as a bridge between the basic and clinical dental subjects. The teaching of this subject should encompass both the basic and clinical aspects.
- Teaching of Periodontology should be integrated with other subjects that is Oral Medicine, Oral Pathology, Microbiology, and clinical disciplines wherever possible.
- Interactive modes of teaching, that is tutorials, seminars, case –based learning modules etc. should be an essential part of teaching methodology.

### LIST OF LECTURES IN THE SUBJECT OF PERIODONTOLOGY AND THEIR LEARNING OBJECTIVES DEPARTMENT OF PERIODONTOLOGY 3RD YEAR BDS CLASS

#### Specific Learning Objectives (SLO's)

At the end of each course, the student should be able to

SR. NO	TOPIC
1	<b>Anatomy of the Periodontium</b> <ul style="list-style-type: none"><li>• Describe the component and their functions of periodontium</li><li>• Explain the features of healthy gingiva and their correlation with the microscopic features</li><li>• Demonstrate the clinical features of healthy gingiva clinically</li></ul>
2	<b>Classification of the diseases and conditions affecting the periodontium</b> <ul style="list-style-type: none"><li>• Explain the basis of categorization of periodontal conditions in various classifications</li><li>• Describe the reasons for different names for the same condition in various classifications.</li><li>• Enumerate the different types of periodontal conditions in various classifications.</li></ul>
3	<b>Gingival inflammation and clinical features of gingivitis</b> <ul style="list-style-type: none"><li>• Describe the stages of gingival inflammation</li><li>• Explain the clinical and microscopic features of various stages</li><li>• Explain and demonstrate the clinical features of gingivitis</li><li>• Compare the clinical features of healthy and inflamed gingiva</li></ul>
4	<b>Gingival enlargement and management</b> <ul style="list-style-type: none"><li>• Define and demonstrate the gingival enlargement</li><li>• Enumerate the various causes of gingival enlargement</li></ul>

	<ul style="list-style-type: none"> <li>• Understand the mechanism for gingival enlargement especially drug-induced, systemic diseases and conditions associated</li> <li>• Make provisional diagnosis based on history and clinical findings</li> <li>• Make treatment plan</li> <li>• Explain how to refer the patient to the concerned medical specialty for the required modification in the causative factor (drugs, systemic disease or condition)</li> <li>• Assist the subject specialist for the procedural treatment</li> </ul>
<b>5</b>	<p><b>Acute gingival infections and management</b></p> <ul style="list-style-type: none"> <li>• Define acute gingival infections</li> <li>• Describe the etiology and clinical features of different acute gingival infections</li> <li>• Make provisional diagnosis on the basis of history and clinical findings</li> <li>• Make treatment plan</li> <li>• Assist and perform (under supervision) the procedural treatment</li> </ul>
<b>6</b>	<p><b>Periodontal pocket and bone loss</b></p> <ul style="list-style-type: none"> <li>• Define and classify the different types of periodontal pockets</li> <li>• Describe the clinical features and pathogenesis of periodontal pocket</li> <li>• Measure the pocket depth clinically</li> <li>• Define bone loss and its association with periodontal pocket</li> <li>• Explain the causes of bone loss, radius of action and rate of bone loss</li> <li>• Describe the various patterns of bone destruction</li> </ul>
<b>7</b>	<p><b>Chronic and aggressive periodontitis</b></p> <ul style="list-style-type: none"> <li>• Define chronic and aggressive periodontitis</li> <li>• Explain how these conditions are classified into localized and generalized form</li> <li>• Describe the etiological and risk factors</li> <li>• Describe the clinical features chronic and aggressive periodontitis</li> <li>• Compare the features of chronic and aggressive periodontitis</li> </ul>
<b>8</b>	<p><b>Dental calculus and other predisposing factors</b></p> <ul style="list-style-type: none"> <li>• Define dental calculus and its types</li> <li>• Describe the composition and formation of calculus</li> <li>• Explain the modes of attachment to the tooth surface</li> </ul>

	<ul style="list-style-type: none"> <li>• Elucidate the etiological significance of dental calculus</li> <li>• List the other predisposing factors</li> <li>• Describe their role as predisposing factors</li> </ul>
<b>9</b>	<p><b>Dental plaque and periodontal microbiology</b></p> <ul style="list-style-type: none"> <li>• Define and differentiate between dental plaque, dental pellicle, material alba and biofilm</li> <li>• Describe the composition and types of dental plaque</li> <li>• Explain the phases of plaque formation</li> <li>• Describe the factors affecting plaque formation</li> <li>• Describe specific and non-specific plaque hypothesis</li> <li>• List the pathogens responsible for periodontal diseases</li> </ul> <p>Explain the bacterial transition from healthy to diseased periodontium</p>
<b>10</b>	<p><b>Smoking and periodontal disease</b></p> <ul style="list-style-type: none"> <li>• Explain the effects of smoking on the prevalence and severity of periodontal diseases</li> <li>• Describe the effects of smoking on the etiology and pathogenesis of periodontal diseases</li> <li>• Express the effects of smoking on response to periodontal therapy</li> <li>• Describe the effects of smoking cessation on periodontal treatment outcome</li> </ul>
<b>11</b>	<p><b>Influence of systemic conditions on the periodontium</b></p> <ul style="list-style-type: none"> <li>• Enumerate the systemic conditions affecting the periodontium</li> <li>• Explain the association and periodontal manifestations due to endocrine conditions</li> <li>• Describe the mechanism and effects of hematologic disorders on the periodontium</li> <li>• Express the systemic genetic disorders affecting the periodontium</li> </ul>
<b>12</b>	<p><b>Impact of periodontal infection on systemic health</b></p> <ul style="list-style-type: none"> <li>• Explain the focal infection theory</li> <li>• Enumerate all the systemic conditions affected by periodontal problems</li> <li>• Describe the association of periodontal infections with the coronary heart disease/atherosclerosis</li> <li>• Explain the association between periodontal problems and stroke</li> <li>• Describe the effects of periodontal problems on glycemic control in the diabetic patients</li> <li>• Elucidate the link between periodontal infection and pregnancy outcomes</li> </ul>
<b>13</b>	<p><b>Oral malodor</b></p>

	<ul style="list-style-type: none"> <li>• Define and Classify the halitosis</li> <li>• List the etiological factors of halitosis</li> <li>• Diagnose the cause of oral malodor on the basis of history and oral examination</li> <li>• Treat the oral causes of oral malodor</li> <li>• Refer the patient of halitosis due to extra-oral causes to the concerned medical specialist</li> </ul>
<p><b>14</b></p>	<p><b>Clinical and radiographic diagnosis of periodontal disease</b></p> <ul style="list-style-type: none"> <li>• Describe the significance of medical and dental history for making a diagnosis</li> <li>• Perform the oral, dental and periodontal examination</li> <li>• Describe and demonstrate the methods to check bleeding on probing, pocket depth measurement, tooth mobility, plaque detection, gingival recession and furcation involvement</li> <li>• Identify the other clinical features of gingivitis and periodontitis</li> <li>• Advise the different radiograph according to their significance</li> <li>• Explain the different component of periodontium on the radiograph</li> <li>• Identify the bone loss and pattern (where possible) of bone loss on the radiograph</li> </ul>
<p><b>15</b></p>	<p><b>Prognosis and treatment plan</b></p> <ul style="list-style-type: none"> <li>• Define and classify the types of prognosis</li> <li>• Describe the factors in determination of prognosis</li> <li>• Explain the relationship between diagnosis and prognosis</li> <li>• Make treatment plan according to the diagnosis and prognosis</li> <li>• Explain the treatment plan to the patient</li> <li>• Identify the cases to be treated by the specialists only</li> </ul>
<p><b>16</b></p>	<p><b>Phase I periodontal therapy (Nonsurgical therapy)</b></p> <ul style="list-style-type: none"> <li>• Define phase I periodontal therapy</li> <li>• Enumerate the different mechanical and chemical means for plaque control</li> <li>• Describe the types of toothbrushes and tooth brushing techniques</li> <li>• Explain the types and indications of interdental cleaning devices</li> <li>• Describe the chlorhexidine as oral rinses</li> <li>• Instruct about different means of patient education and motivation</li> <li>• Classify nonsurgical periodontal instruments, their parts and usage</li> </ul>

	<ul style="list-style-type: none"> <li>• Explain the general principles of periodontal instrumentation</li> <li>• Compare the universal and area specific instruments</li> <li>• Demonstrate the chair side manners like positioning of patient and operator, accessibility, visibility, illumination, retraction, instrument stabilization and activation</li> <li>• Define and rationale for scaling and root planing</li> <li>• Perform scaling, polishing and root planing independently</li> <li>• Describe the mechanism of action and types of power scalars</li> <li>• Explain the factors affecting the efficiency of power scalars</li> <li>• Demonstrate the principles of power scalars application</li> <li>• Describe the role of water in power scalars</li> <li>• Compare the advantages and disadvantages of manual scalars verses power scalars</li> <li>• Explain the special considerations, limitations and contraindications of power scalars</li> <li>• Prescribe the different antibiotics and their dosage</li> <li>• Describe the different local drug delivery systems used for periodontal problems</li> </ul>
<p><b>17</b></p>	<p><b>Phase II periodontal therapy (Surgical therapy)</b></p> <ul style="list-style-type: none"> <li>• Define and objective of phase II periodontal therapy</li> <li>• Compare the pocket elimination verses pocket maintenance</li> <li>• Describe the methods for pocket therapy</li> <li>• Demonstrate the usage of periodontal dressing with its indication and benefits</li> <li>• Identify the different surgical instruments and know their usage</li> <li>• Perform curettage independently with the knowledge of its rationale, indications, procedure and healing after curettage</li> <li>• Define Gingivectomy and Gingivoplasty</li> <li>• Describe the indications, contraindications, types, and steps for Gingivectomy and Gingivoplasty</li> <li>• Perform Gingivectomy and Gingivoplasty under supervision</li> <li>• Define and classify periodontal flaps</li> <li>• Explain the design and main consideration for flap design</li> <li>• Express the different types of incisions</li> <li>• Assist the specialists for flap surgeries</li> <li>• Describe different suturing techniques and materials</li> </ul>

	<ul style="list-style-type: none"> <li>• Perform conventional suturing techniques under supervision</li> <li>• Define and briefly explain the resective and reconstructive periodontal surgeries</li> <li>• Enumerate the benefits, indications and contraindications of these surgeries</li> <li>• Assist the specialists for these surgeries</li> </ul>
<p><b>18</b></p>	<p><b>Furcation involvement</b></p> <ul style="list-style-type: none"> <li>• Define furcation involvement</li> <li>• Diagnose and classify furcation defects</li> <li>• Explain the factors affecting the furcation involvement</li> <li>• Describe the different grades of furcation defects</li> <li>• Make treatment plan for different grades of furcation defects</li> <li>• Instruct the patients for the maintenance of furcation areas</li> <li>• Assist the specialist for the surgical management of furcation defects</li> </ul>
<p><b>19</b></p>	<p><b>Periodontal-endodontic lesions</b></p> <ul style="list-style-type: none"> <li>• Define and classify periodontal-endodontic lesions</li> <li>• Describe the biologic effects of pulpal infection on periodontium and effects of periodontal infection on dental pulp</li> <li>• List the communication pathways between pulpal and periodontal tissues</li> <li>• Differentiate between pulpal and periodontal infections</li> <li>• Enumerate the treatment consideration for periodontal-endodontic lesions</li> </ul>
<p><b>20</b></p>	<p><b>Basics of Implantology</b></p> <ul style="list-style-type: none"> <li>• Define dental implants</li> <li>• Enumerate the major types of implants procedural phases</li> <li>• Have basic idea about osteotomy, implant placement and its prosthetic component</li> <li>• Describe the basics of primary and secondary stability</li> <li>• List the main anatomical structures affecting the implant placement</li> </ul>





### 3<sup>RD</sup> YEAR BDS CLINICAL & DEMONSTRATIONS SESSION 2020 - 2021

<ul style="list-style-type: none"><li>• Chair position</li><li>• Patient position</li><li>• Doctor's position</li></ul>	<b>Positioning</b>
	<b>History</b>
<ul style="list-style-type: none"><li>• PPD</li><li>• PAL</li><li>• GR</li><li>• BOP</li><li>• Tooth mobility</li><li>• Furcation Involvement</li><li>• Periodontal abscess</li><li>• Gingival Enlargement</li></ul>	<b>Oral examination</b>
<ul style="list-style-type: none"><li>• Name</li><li>• Uses/ Indications</li><li>• Arrangement</li><li>• Application</li></ul>	<b>Instruments</b>
	<b>Diagnosis</b>
<ul style="list-style-type: none"><li>• Treatment planning and Treatment</li><li>• Scaling<ul style="list-style-type: none"><li>Manual</li><li>Ultrasonic</li></ul></li><li>• Curettage and Root planing</li></ul>	
<ul style="list-style-type: none"><li>• Definitive</li><li>• Supportive<ul style="list-style-type: none"><li>➤ Hypersensitivity</li><li>➤ Bleeding gums</li><li>➤ Halitosis</li><li>➤ Staining</li><li>➤ Pain</li><li>➤ Swollen gums</li><li>➤ Food impaction</li></ul></li></ul>	<b>Medication</b>
<ul style="list-style-type: none"><li>• Patient Consent</li><li>• OHI</li><li>• Tooth brushing techniques</li><li>• Patient Motivation</li></ul>	<b>Instructions</b>



## **ASSESSMENT PLAN DEPARTMENT OF PERIODONTOLOGY**

Following modes of assessment are planned for 3<sup>rd</sup> year BDS class in the subject of Periodontology. This plan has been designed keeping in view the university curriculum and hopefully will facilitate the students in preparing for 3<sup>rd</sup> professional examinations in the subject.

### **Chapter Tests:**

These will be conducted at the completion of every chapter. The test will comprise of MCQs and SEQs on the pattern of university examinations. A preparatory time of at least 10 days shall be given prior to these tests. Each test will be followed by viva voce, for which the class will be divided into smaller batches.

### **Clinical Tests:**

A small test of 10 -15 minutes duration, comprising of clinical test of students will performed to check the confidence and the way students reach to patients.

### **Term Tests:**

Two term tests shall be conducted in coordination with other subjects. This will comprise of theory, clinical and viva segments and a sizeable portion of the total course will be included in each of them.

### **Pre-annual Exam:**

This will be undertaken in coordination with other departments, exactly following the format of university professional examinations. It will comprise of MCQs, SEQs, and Viva voce.

### **Internal Assessment:**

Internal assessment will be calculated on the basis of all these tests that will be conducted throughout the year.



**STAFF CONTACTS  
PERIODONTOLOGY DEPARTMENT  
SMDC, LAHORE**

<b>Sr. No</b>	<b>Name</b>	<b>Email Address</b>
1	Dr. Usman Rashid	usmanrashid2012@hotmail.com
2	Dr. Mehreen Ishtiaq	mehreenlone@gmail.com
3	Dr. Shahab Rafiq	shahabrafiq26@gmail.com



## RECOMMENDED BOOKS

Sr. #	Title	Author / Editor	Year	Qty.	Publisher & Place
1	Textbook Of Periodontics, 1 <sup>st</sup> Ed. P. B. – Original	Bathla, S.	2017	5	Jaypee- New Delhi
2	Essentials of Clinical Periodontology & Periodontics ,4th Ed, P.B.- With DVD- Rom	Reddy, S.	2014	5	Jaypee- New Delhi
3	Carranza's Clinical Periodontology, 12th Ed. (2 <sup>nd</sup> South Asian ED.) P.B- Original	Newman, M.G.	2017	4	Saunders-St Louis
4	Manual of Clinical Periodontics, 2nd Ed, P.B._ Original	Reddy, S.	2014	5	Jaypee- New Delhi

