



**Bachelor of Dental Surgery Programme**  
**Course Book III**  
**Semesters 9-10**

**Faculty of Dental Sciences**  
**University of Peradeniya**

2020



## CONTENT

Introduction	1
Structure of 9 – 10 Semesters of BDS Curriculum	2
9 <sup>th</sup> Semester Courses	3
10 <sup>th</sup> Semester Courses	13

***Prepared and Published by the Undergraduate Division (UGD) in Collaboration with the  
Curriculum Committee (CCom) of Faculty of Dental Sciences, University of Peradeniya  
Year-2020***

## INTRODUCTION

The main aim of the Bachelor of Dental Surgery (BDS) is to impart the graduates with knowledge, skills and attitudes necessary to make a significant contribution towards promotion, restitution, preservation and maintenance of acceptable oral health and function, which are integral parts of overall health of an individual.

The first four semesters of the BDS study programme have provided the students with pre-requisite knowledge and skills necessary to commence the second phase of the programme from fifth to eighth semesters. The second phase provided the students thorough supervised hands-on clinical training in dentistry, enabling them to be adequately skilled to proceed to the third and the final phase of clinical training. This final phase aims to prepare the students to make rational decisions in clinical practice and for independent practice later as a General Dental Practitioner.

The ninth semester intends to introduce the students into clinical training through a holistic approach for patient care under the course, 'Comprehensive Oral Health Care 1' (COHC 1) [DS 5102]. COHC training will take place in a polyclinic set-up in Comprehensive Oral Health Care Clinic. The students will also advance their clinical skills training under 'Adult Oral Health Care' stream (AOH 3) [DS 5101], while they receive a good grasp on theoretical concepts and clinical exposure under the course 'Advanced Treatment Clinic 1' (ATC 1) [5103]. At the same time the students will execute a research project under the course 'Research Project' [5104] within the ninth semester. Students have already received the prerequisite knowledge and applications in research as they have completed a course in 'Basic Statistics and Research Methodology' during the 7<sup>th</sup> semester.

Upon successful completion of the requirements of the ninth semester, the students shall move to the tenth and the last semester in their BDS Study Programme where they will be further trained under four courses namely, Adult Oral Health Care 4 (AOH 4) [DS 5201], Comprehensive Oral Health Care 2 (COHC 2) [DS 5202], 'Advanced Treatment Clinic 2' (ATC 2) [5203] and a new course introduced to them on 'Maxillofacial Surgical Care' [5204] where they will receive a thorough training in maxillofacial surgical care for the training requirement as future House Officers.

Students are expected to follow all appointments diligently, as they should be competent and confident to practice dentistry more independently at the end of this final year of their BDS training.

**STRUCTURE OF THE  
9<sup>th</sup> – 10<sup>th</sup> SEMESTERS OF BDS CURRICULUM**

	<b>Course Code</b>	<b>Course Name</b>	<b>Credits</b>		
<b>Semester 09</b>	DS5101	Adult Oral Health Care 3 (AOH 3)	4		
	DS5102	Comprehensive Oral Health Care 1 (COHC 1)	6		
	DS5103	Advanced Treatment Clinic 1 (ATC 1)	3		
	DS5104	Research Project	4		
<b>Semester 10</b>	DS5201	Adult Oral Health Care 4 (AOH 4)	6		
	DS5202	Comprehensive Oral Health Care 2 (COHC 2)	6		
	DS5203	Advanced Treatment Clinic 2 (ATC 2)	2		
	DS5204	Maxillofacial Surgical Care	4		

## **9<sup>TH</sup> SEMESTER COURSES**

**Course No: DS 5101**

<b>Course title:</b>	<b>Adult Oral Health Care 3</b>	
<b>Credit value:</b>	<b>4</b>	
<b>Pre-requisites:</b>	<b>Should have followed all courses up to the end of 8<sup>th</sup> semester</b>	
<b>Aim:</b>	This course aims to introduce the students for a balanced training on the concept of 'overall restorative care of an adult patient' including those who are medically compromised.	
<b>Intended learning outcomes:</b>	<p>On successful completion of learning the students should:</p> <ul style="list-style-type: none"> <li>➤ Be able to identify all restorative treatment needs of any given adult patient</li> <li>➤ Be able to initiate holistic approach in the restorative rehabilitation of an adult patient.</li> <li>➤ Be able to identify significant medical health problems which may be of relevance in the overall restorative management of an adult patient</li> <li>➤ Be able to understand the restrictions due to medical problems in extending overall restorative care for adult patients</li> <li>➤ Perform rehabilitative treatment for patients with complex treatment needs through a multidisciplinary approach</li> <li>➤ Be able to review and maintain patients' oral health</li> </ul>	
<b>Time Allocation (Hours):</b>	<b>Clinical 180</b>	<b>Self learning hours: 20</b>
<b>Course content:</b>	<p>Clinicals (Patient care): Management of adult patients for restorative rehabilitation [History taking, Medical interventions (advice, referral), diagnosis, treatment planning and provision of treatment to complete a treatment plan, reviews and follow-up care]</p>	
	<p>Requirement – All students should have been maintaining a log book of cases under AOH courses from 7<sup>th</sup> semester onwards. Log book with all cases recorded will be assessed during the 10<sup>th</sup> semester under AOH 4.</p>	

#### Recommended References/ Prescribed Textbooks

1. J Lindhe. 2008. Clinical Periodontology and Implant Dentistry. 5<sup>th</sup> ed. /latest
2. H Wolf. 2014. Color Atlas of Dental Medicine. Periodontology. 3<sup>rd</sup> ed. /latest

Assessment		Percentage Mark
In-course: Clinical	40%	ICA 1- (20%) - Treatment Planning of a follow-up patient ICA 2- (20%) - Carry out a named procedure* on a follow-up patient. Marks to be allocated for the procedure & discussion
End-semester: Clinical	60%	08 OSCEs
*Allowed procedures will be informed to the students at the time of allocation of patients at the beginning of the semester		

**Course No:** DS 5102  
**Course title:** Comprehensive Oral Care 1  
**Credit value:** 6  
**Pre-requisites:** Should have followed all courses up to the end of 8<sup>th</sup> semester

**Aims:** This course aims to set up the students with the 'concept of holistic comprehensive approach to patient care'. They will also have an opportunity to synthesize the knowledge and skills learnt so far to carryout treatment of all common oral diseases and conditions at the level of a general dental practitioner.

**Intended learning outcomes:**

On successful completion of the course the students should be able to:

- Carryout diagnosis of a child and adult patient's total oral and dental disease conditions
- Assess a patient's oral and dental treatment needs precisely and prioritize them
- Draw up a comprehensive individualized and prioritized treatment plan for a patient, taking all relevant aspects in to consideration
- Carryout the treatment, rehabilitation and secondary prevention of all common oral and dental conditions according to a planned schedule
- Keep accurate, comprehensive records of a patient's dental and oral treatment and oral condition, assess progress of treatment and improvement of patient's oral health
- Maintain professional standards, ethical conduct and demonstrate concern for the patient's best interest at all times.

**Time Allocation (Hours):** Clinical 270 **Self learning hours:** 30

**Course content:**

History taking, clinical examination, radiographic assessments & other relevant investigations, diagnosis and treatment planning with particular attention being paid to prioritizing and sequencing treatment procedures. Carrying out common dental treatment, according to the stages in the treatment plan. Clinical record keeping. Write comprehensive case reports.

(Seminar programme – once a week on treatment planning, and discussion/presentation of case scenarios).

**Recommended References/ Prescribed Textbooks**

- 1) BS Chong. 2010. Harty's Endodontics in Clinical Practice. 6<sup>th</sup> ed. /latest
- 2) Edited by M O'Sullivan. 2004. Fixed Prosthodontics in Dental Practice. 1<sup>st</sup> ed. /latest
- 3) J Lindhe. 2008. Clinical Periodontology and Implant Dentistry. 5<sup>th</sup> ed. /latest

Assessment		Percentage Mark		
In-course		50%	ICA 1 - 20%	Grades obtained for Academic ability, Clinical ability & Professionalism (continuous assessment)
			ICA 2 - 15%	i. Assessment of a child patient (History, examination, diagnosis & treatment planning)-middle stage of follow-up care ii. *Carry out a named treatment procedure (may include a simple orthodontic intervention)
			ICA 3 - 15%	i. Assessment of an adult patient (History, examination, diagnosis & treatment planning)-middle stage of follow-up care ii. *Carry out a named treatment procedure
End-semester	Clinical	50%	Clinical Assessment 1 - 25%	04 Short Cases –child patients (10 minutes each, for 40 minutes)
			Clinical Assessment 2 - 25%	04 Short Cases –adult patients (10 minutes each, for 40 minutes)
*Allowed procedures will be informed to the students at the time of allocation of patients at the beginning of the semester				

<b>Course No:</b>	<b>DS 5103</b>
<b>Course title:</b>	<b>Advanced Treatment Clinic 1</b>
<b>Credit value:</b>	<b>3</b>
<b>Pre-requisites:</b>	<b>Should have followed all courses up to the end of 8<sup>th</sup> semester</b>

**Aim:** This course aims to familiarize students with the newer and more advanced procedures that may be employed in the treatment of dental and oral diseases and conditions.

- Intended learning outcomes:**  
 On successful completion of learning the students should be:
- Able to demonstrate an adequate knowledge and understanding of molar endodontics and restoring endodontically treated teeth
  - Able to plan and design fixed and removable partial dentures for partially dentate patients
  - Able to manage traumatized dentition
  - Familiar with, and able to assist in clinical procedures such as implant-supported prostheses, maxillo-facial prostheses, advanced periodontal surgical procedures, indirect restorations, fixed orthodontic appliances
  - Familiar with dental management of children and elderly patients with special health needs.

**Time Allocation (Hours):**      **Lectures 30**      **Clinical 45**      **Self learning hours: 75**

**Course content:**  
 Clinical: Molar endodontics and restoration of endodontically treated teeth, Restoration of partially edentulous space with bridges / RPD, Management of traumatized dentition, caries/discoloration with indirect restorations, Advanced periodontal regenerative techniques, Implants & implant-supported prostheses, maxillo-facial prosthodontics Precision Attachment retained prostheses, Prosthodontic care for elderly patient, Fixed orthodontics, Patients with special treatment needs.

- Lecture topics:**
1. Oral health epidemiology of elderly, Barriers to oral care, Physiology, pathology, Pharmacology and Psychology of aging
  2. Risk assessment, Communication with elderly adults and treatment planning
  3. Oral health care for institutionalized elderly
  4. Common Oral and Systemic Conditions in Older Patients including Soft Tissue Diseases, Bony Pathology, Neurogenic Based Oral and Facial Pains
  5. Oral Rehabilitation of elderly patient.
  6. Restoration of edentulous space using removable and fixed prosthesis
  7. Restoration of edentulous space with implant retained fixed prosthesis
  8. Complications of fixed partial dentures
  9. Update on surgical anatomy
  10. Bone augmentation ,sinus lifting and other preparation prior to implant therapy
  11. Implant supported overdentures

12. Management of complications related to implant therapy.
13. Prosthetic rehabilitation of maxillary defects
14. Prosthetic rehabilitation of mandibular defects
15. Use of precision attachments in removable prosthesis
16. Periodontal regenerative techniques and material
17. Recent advancements in periodontal diagnosis and treatment
18. Adjunctive orthodontics
19. Orthodontic management of cleft lip and palate patients
20. Fixed appliance interaction with cleft lip and palate patient management
21. Quality assurance in orthodontic treatment
22. Orthognathic surgery
23. Concepts in molar endodontics
24. Traumatized dentition; concepts of rehabilitation
25. Management of traumatized dentition with indirect restorations
26. Management of discoloured teeth with indirect restorations
27. Current concepts on the management of tooth wear
28. Aesthetic space closure with restorations
29. Comprehensive management of child patient with special health needs
30. Comprehensive management of adult patient with special health needs

Students should complete the log-book on all procedures/clinical activities under this course (5103) and 5203 during the 10<sup>th</sup> semester with signatures of relevant teachers.

#### Recommended References/ Prescribed Textbooks

1. J Lindhe. 2008. Clinical Periodontology and Implant Dentistry. 5<sup>th</sup> ed./latest
2. N Garg and A Garg. 2012. Textbook of Endodontics. 2<sup>nd</sup> ed. /latest
3. BS Chong. 2010. Harty's Endodontics in Clinical Practice. 6<sup>th</sup> ed. /latest
4. Edited by M O'Sullivan. 2004. Fixed Prosthodontics in Dental Practice. 1<sup>st</sup> ed. /latest
5. H Wolf. 2014. Colour Atlas of Dental Medicine. Periodontology. 3<sup>rd</sup> ed. /latest
6. TD Taylor. 2000. Clinical maxillofacial prosthetics. 1<sup>st</sup> ed. /latest

Assessment		Percentage Mark
In-course:		ICA 1 - 10% MCQ ICA 2 - 10% Assignment (through Moodle)
End-semester	Theory	40% 2 SAQs + 1 Essay
	Clinical	40% - 06 OSCEs

<b>Course No:</b>	<b>DS 5104</b>
<b>Course title:</b>	<b>Research Project</b>
<b>Credit value:</b>	<b>4</b>
<b>Pre-requisites:</b>	<b>Should have followed course DS 4104</b>
<b>Aim:</b> The research project aims to impart skills and knowledge in conducting a research and writing a dissertation in view of dissemination of research findings.	
<b>Intended learning outcomes:</b> On successful completion of the course the students should be able to: <ul style="list-style-type: none"> <li>➤ Carry out a simple scientific investigation and apply basic statistical methods with well-informed interpretation and arrive at valid conclusions.</li> <li>➤ Report research findings effectively in an oral presentation and by writing a research report.</li> </ul>	
<b>Time Allocation (Hours):</b>	<b>Independent Work 270    Discussions 15</b>
<b>Course content:</b> Identify a simple research problem and define a research question around the problem; reviewing the available literature on the topic and finalizing specific objectives (and hypotheses if relevant); writing a literature review, outline of the research, and writing the protocol, and proposal; obtaining ethical clearance and permissions, carrying out measurements; data management, analysis and interpretation; use of software in research; writing a simple project report, presenting results to an audience of peers and evaluators using digital media.	
<b><u>Details/Plan:</u></b> <ul style="list-style-type: none"> <li>• Students shall refer to the ‘Guidelines of the Research Project’ approved by the Faculty of Dental Sciences, University of Peradeniya.</li> <li>• Students will be randomly grouped in equal numbers during the 7<sup>th</sup> semester. Each group shall consist of 3 or 4 students and they will be assigned a supervisor.</li> <li>• Each group of students shall - <ol style="list-style-type: none"> <li>1. Identify a simple research problem and define a research question around the problem with the help of the Supervisor; The Supervisor shall have the freedom to nominate a co-supervisor (a person with adequate research experience) in an appropriate discipline from any Faculty/Institution/Organization to facilitate the research work of students and should be informed to the CC within the 7<sup>th</sup> Semester;</li> <li>2. Review the available literature on the topic (use open source software and databases for this; use portable devices such as smart phones with free apps and Wi-Fi for this purpose);</li> <li>3. Finalize the objective and specific objectives (if relevant), and the hypotheses (if relevant);</li> <li>4. Prepare an outline of the research;</li> <li>5. Write the literature review and the proposal;</li> <li>6. obtain ethical clearance and permission;</li> </ol> (Steps 1-6 to be completed in the 7<sup>th</sup> and 8<sup>th</sup> Semesters.) At the completion of this stage, students shall present the research proposal to a </li> </ul>	

panel of examiners in the first week of 9<sup>th</sup> semester. Project proposal and the presentation will be evaluated by the panel of examiners with a feedback/contribution from the supervisor. Approved research proposal shall be marked, and it will carry 30%, under in course assessments.

7. Carry out measurements;
8. Manage and analyze data with appropriate statistical tool and interpret results (use open source software for this);
9. Write a simple project report following guidelines and templates;
10. Present results to an audience of peers and evaluators using digital media (at the end of 9<sup>th</sup> Semester).

**For the CC**

CC shall prepare a list of eligible supervisors by the beginning of the 7<sup>th</sup> Semester and prepare random groups of students. CC shall inform the supervisors and students regarding the grouping and invite supervisors to keep titles for simple research projects appropriate for undergraduate students, where they will not have to spend time and money at an unacceptable level. CC shall send the students to assigned supervisors in the 7<sup>th</sup> Semester itself and encourage students and supervisors to use self-learning hours (notional hours) for this task during the 7<sup>th</sup> and 8<sup>th</sup> Semesters. CC shall keep students informed about the above timeline.

**Recommended References/ Prescribed Textbooks**

1. SP Glasser. 2014. Essentials of Clinical Research. 2<sup>nd</sup> ed./latest
2. JE Mauch and N Park. 2003. Guide to the Successful Thesis and Dissertation. 5<sup>th</sup> ed./latest
3. R Kumar. 2014. Research Methods: a step-by-step guide for beginners. 4<sup>th</sup> ed. /latest
4. KL Turabian, WC Booth et al. 2013. A Manual for Writers of Research Papers, Theses, and Dissertations: Chicago Style for Students and Researchers. 8<sup>th</sup> ed. /latest

Assessment		Percentage Mark
Project planning and the proposal		30% : Approved project
End-semester	Research report	40%
	Presentation and defense	30%



## **10<sup>TH</sup> SEMESTER COURSES**





<b>Course No:</b>	<b>DS 5202</b>
<b>Course title:</b>	<b>Comprehensive Oral Care 2</b>
<b>Credit value:</b>	<b>6</b>
<b>Pre-requisites:</b>	<b>Should have followed all courses up to the end of 9<sup>th</sup> semester</b>
<b>Aims:</b> This course aims to help students establish a holistic, comprehensive and professional approach to patient care. They will also have an extended opportunity to carryout treatment of all common oral diseases/conditions inside one clinic simulating a General Dental Practice.	
<b>Intended learning outcomes:</b> On successful completion of learning the students should: <ul style="list-style-type: none"> <li>➤ Be able to diagnose oral and dental disease conditions of a given child / adult patient</li> <li>➤ Assess a patient’s oral and dental treatment needs and prioritize them</li> <li>➤ Draw up a comprehensive individualized and prioritized treatment plan for a patient, taking all relevant aspects in to consideration.</li> <li>➤ Carryout the treatment, rehabilitation and secondary prevention of all common oral and dental conditions according to a planned schedule</li> <li>➤ Keep accurate, comprehensive records of a patient’s dental and oral treatment and oral condition, assess progress of treatment and improvement of his/her oral health</li> <li>➤ Maintain professional standards, ethical conduct and demonstrate concern for the patient’s best interest at all times.</li> </ul>	
<b>Time Allocation (Hours):</b>	<b>Clinical 270</b> <span style="float: right;"><b>Self learning hours: 30</b></span>
<b>Course content:</b> History taking, clinical examination, radiographic assessments & other relevant investigations, diagnosis and treatment planning with particular attention being paid to prioritizing and sequencing of treatment procedures. Carrying out common dental treatment, according to the stages in the treatment plan. Clinical record keeping. Writing comprehensive case reports. All these procedures would be for oral rehabilitation, health maintenance, as well as secondary preventive procedures at the level of a general dental practitioner. (Seminar programme – once a week on treatment planning, and discussion/presentation of case scenarios and portfolio writing).	

**Recommended References/ Prescribed Textbooks**

1. J Lindhe. 2008. Clinical Periodontology and Implant Dentistry. 5<sup>th</sup> ed. /latest
2. Edited by M O’Sullivan. 2004. Fixed Prosthodontics in Dental Practice. 1<sup>st</sup> ed. /latest
- BS Chong. 2010. Harty’s Endodontics in Clinical Practice. 6<sup>th</sup> ed. /latest

Assessment		Percentage Mark		
In-course		50%	ICA 1 - 20%	Grades obtained for Academic ability, Clinical ability & Professionalism (continuous assessment)
			ICA 2 - 15%	i. Assessment of a child patient (History, examination, diagnosis & treatment planning)-middle stage of follow-up care ii. *Carry out a named treatment procedure (may include a simple orthodontic intervention)
			ICA 3 - 15%	Assessment of an adult patient (follow-up care and outcome of overall care shall be assessed)
End-semester	Clinical	50%	Clinical Assessment 1 - 25%	04 Short Cases –child patients (10 minutes each, for 40 minutes)
			Clinical Assessment 2 - 25%	04 Short Cases –adult patients (10 minutes each, for 40 minutes)
*Allowed procedures will be informed to the students at the time of allocation of patients at the beginning of the semester				

<b>Course No:</b>	<b>DS 5203</b>
<b>Course title:</b>	<b>Advanced Treatment Clinic 2</b>
<b>Credit value:</b>	<b>2</b>
<b>Pre-requisites:</b>	<b>Should have followed all courses up to the end of 9<sup>th</sup> semester</b>
<b>Aims:</b> This course aims to make the students aware of the newer and more advanced procedures that may be employed in the treatment of complex dental and oral diseases and conditions.	
<b>Intended learning outcomes:</b> On successful completion of learning the students should be: <ul style="list-style-type: none"> <li>➤ Able to carry out molar endodontics and restore endodontically-treated teeth</li> <li>➤ Able to plan and restore partially edentulous space with bridges or removable partial dentures</li> <li>➤ Able to manage traumatized dentition</li> <li>➤ Familiar with, and able to assist in clinical procedures such as implant-supported prostheses, maxillo-facial prostheses, specialized periodontal surgical procedures, indirect restorations and fixed orthodontic appliances</li> <li>➤ Familiar with dental management of children and elderly patients with special health needs.</li> </ul>	
<b>Time Allocation (Hours):</b>	<b>Clinical 90                      Self learning hours: 10</b>
<b>Course content:</b> Molar endodontics and restoration of endodontically treated teeth. Restoration of partially edentulous space with bridges / RPD. Management of traumatized dentition, Indirect Restorations, Geriatric Dentistry. Aesthetic periodontal surgery, Implants & implant-supported prostheses, maxillo-facial prostheses. Advancements in Orthodontics.	
Students should continue to maintain the log-book on all procedures/clinical activities under these courses, DS 5103 & DS 5203.	

**Recommended References/ Prescribed Textbooks**

1. J Lindhe. 2008. Clinical Periodontology and Implant Dentistry. 5<sup>th</sup> ed. /latest
2. H Wolf. 2014. Color Atlas of Dental Medicine. Periodontology. 3<sup>rd</sup> ed. /latest

Assessment		Percentage Mark	
In-course		20%	ICA 1 - 10% - Assessment of log-book (overall)
			ICA 2 - 10% - Discussion (10 minutes) of 01 Case selected from the log-book
End-semester	Practical/Clinical	80%	10 OSCEs/OSPES

<b>Course No:</b> DS 5204 <b>Course title:</b> Maxillofacial Surgical Care <b>Credit value:</b> 4 <b>Pre-requisites:</b> Should have followed all courses up to the end of 9th semester		
<b>Aim:</b> The aim of this course is to provide the students an opportunity to learn in-ward care of patients, assisting in operation theatre and ward procedures/ ICU procedures and management of medical emergencies in a dental clinic.		
<b>Intended learning outcomes:</b> On successful completion of learning the students should be: <ul style="list-style-type: none"> <li>➤ Familiar with all routine ward, operating theatre and ICU procedures</li> <li>➤ Competent in the immediate management of medical and dental emergencies</li> <li>➤ Able to manage medical emergencies on a dental chair</li> <li>➤ Able to carry out / assist in minor oral surgical procedures</li> </ul>		
<b>Time Allocation (Hours):</b> <b>Clinical 180</b> <b>Self learning hours: 20</b>		
<b>Course Content:</b> Routine Ward, ICU and Theatre procedures and patient care: Pre-operative assessment in relation to surgery and anaesthesia, Preparation for the operation - history, examination and investigations, assisting in a surgical procedure, Recovery of patients, Post operative management, Discharge from the hospital. Medical and dental emergencies (Immediate management): Syncope, Acute respiratory, obstruction and arrest, (including anaesthetic emergencies), Acute chest pain, Cardiac arrest, Anaphylactic shock, Collapse of a patient with history of cortico-steroid therapy, Cerebro-vascular accidents, Fits, Asthmatic attacks, Drug reactions and interactions, Maxillofacial injuries, Haemorrhage, Inhaled foreign bodies.		
<u>Details/Plan:</u> Students will follow a rotation in the dental ward, operating theater, ICU, MOT and PCU/ accident and emergency units in teaching hospital Kandy and Peradeniya as indicated. Students are supposed to work during weekends and public holidays and engage in after-hours to be familiarized with routine of in-ward and emergency care. Students will be assigned to supervisors (OMF Surgeons and Anesthetists) and should have weekly discussions for feedback and reflection. A training on portfolio-writing shall be arranged.		
In-ward management of patents	1. In-ward team and ward routine 2. Admission and discharging a patient and follow up 3. Recording of history, examination details, ordering investigations, consent for the surgery 4. Systems examination 5. Prescribing medication rationally 6. Pre and post-operative care including ward procedures – venepuncture, catheterization etc 7. Premedication	60 hrs

	8. Documentation, consent, data protection and maintaining confidentiality, ethics and professionalism and communicating bad news 9. Infection control – surgical environment, hospital infections, MRSA, Hand hygiene 10. On call, Accident and emergency	
Operating theatre familiarization	1. OT team and routine 2. OT discipline 3. WHO check list 4. Scrubbing and gowning 5. Assisting in surgery 6. Familiarization with OT instruments 7. Post op recovery 8. Record keeping 9. Specimen handing	30 hrs
ICU	1. ICU team and routine 2. Equipment in the ICU 3. Principles of ICU Monitoring of patients	18 hrs
PCU	Familiarization with accident and emergency and basics of management of emergencies	24 hrs
MOT	Performing minor oral surgery under supervision, communication with patients, use of sedation in minor oral surgery, managing complications, record keeping and follow up of patients	48 hrs
Students will maintain a portfolio during this appointment with details of patients and procedures.		

**Recommended References/ Prescribed Textbooks**

1. TA Turvey, JR Scully, PD Whaite, BJ Costelo and RL Ruiz. 2009. Oral and Maxillofacial Surgery Volume I, II and III. 2<sup>nd</sup> ed. /latest
2. JR Hupp, E Ellis and MR Tucker. 2008. Contemporary Oral and Maxillofacial Surgery. 5<sup>th</sup> ed. /latest

Assessment		Percentage Mark	
In-course		20%	20% - CPR
End-semester	Practical/Clinical	80%	Assessment 1 – (30%) – 04 OSCEs Assessment 2 – (50%) - Portfolio Viva