

Course Title	Oral Surgery I				
Course Code	DES325				
Course Type	Compulsory				
Level	Bachelor of Dentistry				
Year / Semester	3 rd year / 5 th semester				
Teacher's Name	TBA				
ECTS	2	Lectures / week	1 hr / 13 weeks + exam week	Laboratories / week	2 hrs / 13 weeks
Course Purpose and Objectives	<p>Oral Surgery I is the introductory course to clinical oral surgery. The course comprised of amphitheater lectures, laboratory skill-stations, problem-based learning modules, simulation training. The purpose and objectives of the course is to familiarize students of this course aiming to provide a motivating learning environment in which the students may acquire the surgical knowledge and the technical skills necessary for their clinical practice.</p> <p>The purpose and objectives of the course is also to familiarize students with knowledge for equipment, instruments and materials in oral surgery, the surgical procedure and basic surgical principles, on models, complications in oral surgery, patient evaluation, local anaesthesia, dentofacial infections and to enable the student to acquire knowledge and skills necessary of treating oral surgery problems</p>				
Learning Outcomes	<p>Upon successful completion of this course students should be able to:</p> <ul style="list-style-type: none"> • Describe the most important aspects of anatomy and physiology applied to oral surgery. • Demonstrate proficiency in performing and recording a dental examination • Describe the specific findings of the history and examination of the patient, which may influence surgical therapy • Describe techniques intra and extraoral radiology • Evaluate data from the clinical history and establish a differential diagnosis, identify the factors contributing formulate a proper treatment plan and establish the prognosis; • Identify and manage instruments and materials most frequently used in oral surgery 				

	<ul style="list-style-type: none"> • Describe the types and characteristics of different incisions and sutures common oral surgery. • Recognize and identify complications of oral surgery • Discuss the mechanism of wound healing and the factors that impair. • Identify, recognize the local anesthetics drugs and Understand the techniques of local anesthesia. • Identify and treat medical emergency cases during the practice. 		
Prerequisites	None	Co-requisites	None
Course Content	<p>In that regard, students will familiarize themselves with the following Modules of Oral Surgery:</p> <ul style="list-style-type: none"> • Patient evaluation: Approach to the patient, Obtaining a patient history • Medical Emergency Cases and Diseases I • Local Anesthesia Introduction Techniques of local anesthesia for oral and maxillofacial surgery, • Basic Instrumentation for basic procedures • Medical Emergency Cases and Diseases II • Radiographic Imaging in Oral Surgery. Computed tomography (CT) , Magnetic resonance imaging (MRI), impacted teeth, Pathological conditions-inflammatory lesions cysts benign and malignant tumours, Temporomandibular joint (TMJ). • Basic Surgical Principles. Aseptic technique, Principles of surgical incisions • Complications associated with Dentoalveolar Surgery, Dentofacial Infection, Osteomyelitis, Osteoradionecrosis. • Wound Healing. Factors that Impair Wound Healing, Healing by Primary, Secondary, and Tertiary Intention, Healing of Extraction Sockets, Bone Healing, Implant Osseointegration. 		
Teaching Methodology	Face-to-face. Lectures, Quizzes, Case Presentations, Oral presentations.		
Bibliography	<p>Andersson L, Kahnber K-E, Pogrel MA. Oral and Maxillofacial Surgery. Hoboken, New Jersey: Wiley-Blackwell, 2010.</p> <p>Kademani D, Tiwana PS. Atlas of Oral and Maxillofacial Surgery. Philadelphia: Saunders Elsevier, 2016.</p> <p>Additional Reading Hupp JR, Tucker MR, Ellis E. Contemporary Oral and Maxillofacial Surgery. St. Louis: Mosby, 2013.</p>		

	<p>Miloro M, Ghali GE, Larsen PE, Waite PD. Peterson's Principles of Oral and Maxillofacial Surgery. Beijing: People's Publishing Medical House, 2014.</p> <p>Bagheri SC. Clinical Review of Oral and Maxillofacial Surgery. St. Louis: Mosby, 2013.</p>								
Assessment	<table border="1"> <tr> <td>Final Examination</td> <td>60%</td> </tr> <tr> <td>Laboratory / Clinical Work / Oral presentations</td> <td>30%</td> </tr> <tr> <td>Participation and attendance</td> <td>10%</td> </tr> <tr> <td>Total</td> <td>100%</td> </tr> </table>	Final Examination	60%	Laboratory / Clinical Work / Oral presentations	30%	Participation and attendance	10%	Total	100%
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