

Course Title	Oral Surgery VI				
Course Code	DES575				
Course Type	Compulsory				
Level	Bachelor (1 <sup>st</sup> Cycle)				
Year / Semester	5 <sup>th</sup> year / 10 <sup>th</sup> semester				
Teacher's Name	TBA				
ECTS	2	Lectures / week	1 hr / 13 weeks + exam week	Clinic / week	2 hrs / 13 weeks + 3 hrs / 6 weeks
Course Purpose and Objectives	<p>Oral Surgery VI is the course with clinical oral surgery practice. The course comprised of amphitheater lectures, clinical skill-stations, problem based learning modules, and hospital clinical training. This course aims 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 objective of the course is to familiarize students with instruments and materials in oral surgery and autogenous bone, patient evaluation, local and anesthesia, the surgical procedure, extraction complicated teeth and minor oral surgery, introduction to dental implant, treatment plan and placement, and to enable the student to acquire knowledge and skills necessary of treating oral surgery and basic maxillofacial surgery problems.</p>				
Learning Outcomes	<p>Upon successful completion of this course students should be able to:</p> <ul style="list-style-type: none"> <li>• Describe the most important aspects of anatomy and physiology applied to oral surgery.</li> <li>• Perform and record, a dental examination, mucous membranes and other structures of the mouth.</li> <li>• Describe the specific findings of the history and examination of the patient, which may influence surgical therapy</li> <li>• Describe techniques intra and extraoral radiology</li> <li>• Be competent to conduct an evaluation of data from the clinical history and establish a differential diagnosis, identify the factors contributing formulate a proper treatment plan and establish the prognosis</li> <li>• Identify, understand and manage barrier methods and clothing used in oral surgery</li> <li>• Explain the basic principles of oral maxillofacial surgery</li> <li>• Identify understand and treat traumatic dental injuries</li> <li>• Identify understand and manage instruments and materials most frequently used in oral surgery</li> <li>• Make recommendations and postoperative follow-up care</li> </ul>				

	<ul style="list-style-type: none"> <li>• List the types and characteristics of different incisions and sutures common oral surgery.</li> <li>• Describe the principle of dental implant placement surgical procedure</li> <li>• Identify the types of dental implants and specifications</li> <li>• Evaluate the treatment plan of dental implant placement</li> <li>• Discuss the complications in implants placement</li> <li>• Discuss the prosthetic rehabilitation on dental implants</li> <li>• Discuss the surgical removal technique of impacted third molar and the surgical exposure technique of an impacted maxillary canine</li> <li>• Discuss the surgical technique of apicoectomy, palatal and lingual toros removal and vestibuloplasty.</li> </ul>		
Prerequisites	None	Co-requisites	None
Course Content	<ul style="list-style-type: none"> <li>• <b>COMPLICATIONS IN IMPLANT PLACEMENT</b> Pre-operative, Intra-operative, Post-operative (immediate and delayed)</li> <li>• <b>PROSTHETIC REHABILITATION ON DENTAL IMPLANTS</b>, Single tooth replacement, Bridges, Full mouth rehabilitation, Removable overdentures, Hybrids, Screw type, Fixed.</li> <li>• <b>FOLLOW UP AND MAINTENANCE OF DENTAL IMPLANTS</b>, Implant hygiene education, Periodic education of implants, Surrounding tissue, Oral hygiene, Evaluation parameters</li> <li>• <b>TREATMENT OF PERI-IMPLANT MUCOSITIS AND PERI-IMPLANTITIS</b>, How to evaluate peri-implant mucositis and peri-implantitis, Ways of treating them.</li> <li>• <b>CLINICAL CASES.</b></li> <li>• <b>TECHNIQUE: SURGICAL REMOVAL OF IMPACTED THIRD MOLAR</b> Mandibular incision, Maxillary incision, uncovering the clinical crown, sectioning the clinical crown, elevation and retrieval of tooth roots, closure.</li> <li>• <b>TECHNIQUE: SURGICAL EXPOSURE OF AN IMPACTED MAXILLARY CANNINE</b>, Incision, flap elevation, exposing the crown, bracket attachment, closure.</li> <li>• <b>TECHNIQUE: APICOECTOMY</b> Incision design, visualization of the root apex, apical root resection, root preparation, retrograde fill, closure.</li> </ul>		

	<ul style="list-style-type: none"> <li>• <b>TECHNIQUE: VESTIBULOPLASTY</b>, Incision, floor of mouth dissection, muscle attachment management, submandibular sutures, graft placement. Incision, supraperiosteal dissection, anterior nasal spine reduction, closure and stent placement.</li> <li>• <b>TECHNIQUE: PALATAL AND LINGUAL TOROS REMOVAL</b>, Incision, soft tissue reflection, section of the torus, smooth the surface, closure</li> <li>• The students are assessed by a final written exam comprised of multiple choice questions and short clinical problems. The acquired clinical skills are tested with Objective Structured Clinical Examinations (OSCEs). Team based clinical problem analysis with oral presentation as well as lab &amp; class participation are also graded.</li> </ul>								
Teaching Methodology	Face-to-face								
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>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" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">Final Examination</td> <td style="width: 40%; text-align: center;">60%</td> </tr> <tr> <td>Laboratory / Clinical Work / Oral presentations</td> <td style="text-align: center;">30%</td> </tr> <tr> <td>Participation and attendance</td> <td style="text-align: center;">10%</td> </tr> <tr> <td><b>Total</b></td> <td style="text-align: center;"><b>100%</b></td> </tr> </table>	Final Examination	60%	Laboratory / Clinical Work / Oral presentations	30%	Participation and attendance	10%	<b>Total</b>	<b>100%</b>
Final Examination	60%								
Laboratory / Clinical Work / Oral presentations	30%								
Participation and attendance	10%								
<b>Total</b>	<b>100%</b>								
Language	English								