



**Jordan University of Science and Technology**  
**Faculty of Applied Medical Sciences**  
**Department of Applied Dental Sciences**  
**First Semester 2013/2014**

<b>Course Information</b>	
<b>Course Title</b>	Oral Surgery and Local Anesthesia
<b>Course Number</b>	ADS 315
<b>Prerequisites</b>	
<b>Instructor</b>	Dr. Abd-albaset Odat
<b>Office Location</b>	n/a
<b>Office Phone</b>	n/a
<b>Office Hours</b>	n/a
<b>E-mail</b>	<a href="mailto:amodat@just.edu.jo">amodat@just.edu.jo</a>
<b>Teaching Assistant</b>	Ms. Zain A. Malkawi, B Sc. ADS, MSDH
<b>Course Description</b>	
This is a 2 credit hour course (1 hour practical and 1 hour theory). It is designed to cover the basic concepts of local anesthesia, Oral surgical instrumentation and pre-and postoperative care.	

<b>Text Book</b>	
<b>Title</b>	Contemporary Oral and Maxillofacial surgery
<b>Author(s)</b>	Larry J Peterson
<b>Publisher</b>	Mosby
<b>Edition</b>	5 <sup>th</sup> 2008
<b>Book Website</b>	
<b>References</b>	Relevant handouts

<b>Assessment Policy</b>		
Assessment Type	Expected Due Date	Weight
1 <sup>st</sup> IntraSemester exam		30 marks(15theory,15practical)
2 <sup>nd</sup> IntraSemester exam		30 marks(15theory,15practical)
Final Exam		40 marks(20theory,20practical)

Course Objectives	Weights
Detailed knowledge of infection control, asepsis and sterilization	10%
Detailed knowledge of surgical scrubbing, gowning and gloving	10%
Basic knowledge of the scope of oral surgical procedures	10%
Basic knowledge of local anesthesia in dentistry	10%
Basic knowledge of postoperative patient care	10%
Brief knowledge of common oral infections	10%
Detailed knowledge of instruments and materials used in oral surgery	10%
Basic knowledge of the management of emergencies in oral surgery	10%
Brief knowledge of patient anxiety and pain control	10%

Teaching & Learning Methods
Lecture/discussion, demonstration, and clinical application.

Additional Notes	
Exams	-
Cheating	Cheating the commitment of the Acts of Cheating and deceit such as copying during examinations is dishonest and will not be tolerated; JUST policy will be applied.
Attendance	<ul style="list-style-type: none"> <li>• Practical part exam will be at Week 15</li> <li>• Students should be committed to clinical dress code</li> <li>• Please turn your cell phone at class and clinic</li> </ul>

Learning Outcomes: Upon successful completion of this course, students will be able to		
Related Objective(s)		Reference(s)
1 & 2	<input type="checkbox"/> Define the most common oral infections <input type="checkbox"/> Concentrate on the main issues of post operative Instructions	Common oral infections
3&4	<input type="checkbox"/> Demonstrate sterilization methods <input type="checkbox"/> Equip the students with a knowledge and practical skills to manage emergencies at oral surgery clinic	Sterilization Methods Emergencies in oral surgery Pain and anxiety control
5	<input type="checkbox"/> Define materials and instruments used in oral surgery	Asepsis and sterilization
6&7	<input type="checkbox"/> Demonstrate suture removal <input type="checkbox"/> Identify the types of anxiety control methods	Fundamental of suturing and suture removal
8	<input type="checkbox"/> Demonstrate gloving, gowning and scrubbing	gloving, gowning and scrubbing
9	<input type="checkbox"/> Define types of anesthesia that used in dentistry	Materials used in oral surgery Asepsis and sterilization Types of anesthesia

<b>Course Content (Theory )</b>		
<b>Week. Date</b>	<b>Topic</b>	<b>Lecturer</b>
	Infection control, asepsis and sterilization	Dr. Abd-albaset odat
	Instruments and materials used in oral surgery	Dr. Abd-albaset odat
	Gloving, gowning and scrubbing	Dr. Abd-albaset odat
	EID AL ADHA HOLIDAY??	Dr. Abd-albaset odat
	Local anesthesia in dentistry	Dr. Abd-albaset odat
	<b>First intrasemester exam</b>	Dr. Abd-albaset odat
	Procedures performed in oral surgery	Dr. Abd-albaset odat
	Fundamentals of suturing and suture removal	Dr. Abd-albaset odat
	Post operative care in oral surgery	Dr. Abd-albaset odat
	Care of oral surgical instruments	Dr. Abd-albaset odat
	<b>Second intrasemester exam</b>	Dr. Abd-albaset odat
	Management of dentoalveolar trauma	Dr. Abd-albaset odat
	Emergencies in oral surgery	Dr. Abd-albaset odat
	Common oral infections	Dr. Abd-albaset odat
	Revision	Dr. Abd-albaset odat

***Planner for the Practical Part of ADS 323***

<b><i>Week</i></b>	<b><i>Laboratory Subject</i></b>	<b><i>Assignments/ Lab Activities</i></b>
1	<ul style="list-style-type: none"> <li>• Lab content orientation</li> </ul>	-
2	<ul style="list-style-type: none"> <li>• Introduction to oral surgery (O.S) clinic</li> <li>• Dental assistant (DA) duties in O.S. clinic</li> </ul>	-
3	<ul style="list-style-type: none"> <li>• Cross infection control policies</li> <li>• Unite preparation and patient receiving</li> </ul>	<ul style="list-style-type: none"> <li>• Orientation the sterilization department at the dental teaching center</li> </ul>
4	<ul style="list-style-type: none"> <li>• Identifying examination kit</li> <li>• Identifying surgical instruments and materials used in control pain and anxiety</li> </ul>	<ul style="list-style-type: none"> <li>• Demonstration and class discussion</li> </ul>
5	<ul style="list-style-type: none"> <li>• Identifying upper and lower surgical forceps</li> <li>• Identifying surgical elevators</li> </ul>	<ul style="list-style-type: none"> <li>• Orientation and instrument identification at OS clinic</li> </ul>
6	<ul style="list-style-type: none"> <li>• Practicing in Giving Post Operative Instructions (POI)</li> </ul>	<ul style="list-style-type: none"> <li>• Discussion and demonstration different methods in giving POI to patients</li> </ul>
7	<ul style="list-style-type: none"> <li>• Identifying surgical retractors</li> </ul>	<ul style="list-style-type: none"> <li>• Orientation and</li> </ul>

	<ul style="list-style-type: none"> <li>Identifying surgical suturing instruments</li> <li>Identifying Instruments used in minor oral surgery (MOS)</li> </ul>	instrument identification at OS clinic
8	<ul style="list-style-type: none"> <li>Role of DA at surgical suture removal and dressing in dentistry</li> </ul>	<b>*** Due date to submit the first draft of POI project</b>
9	<ul style="list-style-type: none"> <li>Role of DA in medical emergencies at OS clinic .....I</li> </ul>	-
10	<b>Mid Term Exam</b>	<b>Study well !!</b>
11	<ul style="list-style-type: none"> <li>Work on you final project (POI)..</li> </ul>	-
12	<ul style="list-style-type: none"> <li>Role of DA in medical emergencies at OS clinic .....II</li> </ul>	<b>*** Due date to submit the final draft of POI project</b>
13	<ul style="list-style-type: none"> <li>Prepare for the final practical exam</li> </ul>	-
14	<b>Final Practical Exam</b>	<b>Study Well !!</b>