**King Saud University**

**College of Dentistry**

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| Course Title: | **Clinical Oral Surgery -2** |
| Course Code: | **411 MDS** |
| Course Director(s): | **Dr. Sulaiman Youssef Albegamy** |
| Department: | **Oral and Maxillofacial Surgery** |
| Academic Year  | **2011-2012** |

**Course Specification**

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| Institution              | King Saud University |
| College/Department     | College of Dentistry/ Oral and Maxillofacial Surgery |

**A Course Identification and General Information**

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| 1. Course title and code
 | Clinical Oral Surgery 2 - 411 MDS |
| 2.  Credit hours | 3 hrs (1 lecture and 2 clinics). |
| 3.  Program(s) in which the course is offered | Bachelor of Dental Sciences – Oral surgery  |
| 4.  Name of faculty member responsible for the course | Dr: Sulaiman Youssef Albegamy (MUC & DUC) |
| 5.  Level/year at which this course is offered | Fourth year (yearly system) |
| 6.  Pre-requisites for this course (if any) | 311 MFS and 312 MFS and 311 MDS  |
| 7.  Co-requisites for this course (if any) |  |
| 8.  Location if not on main campus | DUC, & MUC |

**B  Objectives**

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| 1.  Summary of the main learning outcomes for students enrolled in the course:-1. Patient assessment and examination to reach definitive diagnosis.
2. Appropriate surgical management.
3. Student should recognize, when it is appropriate to refer patients to a specialist.
4. Student should learn how to interpret the results of the laboratory tests requested and understand the findings that will alter and influence the treatment plan.
5. To discuss the findings, diagnosis, and treatment plan options with the patient and obtain informed consent to carry out the treatment.
6. Control of patients' pain and anxiety through the use of local anesthesia and other procedures.
7. Development of confidence, respect, and trust in the patient-care relationship.
8. Diagnosis and management of complications resulting from minor surgical procedures with appropriate patient follow up.
9. Writing prescriptions and know the drugs used in the practice of minor oral surgery.
10. Student can perform the following uncomplicated procedures: extraction of single or multi-rooted, non-impacted teeth, removal of fractured or residual root , pre-prosthetic surgery, biopsy of soft tissues, infections of dental origin, and assessment and management of impacted teeth under a close supervision.
11. The student, should by the end of the course, be able to participate in minor oral surgical procedures which include flap designs, cutting of alveolar bone by surgical burs and bone files. He should also be familiar with suturing techniques, suture materials and needles.
12. The student will have a clear idea about in-patient of oral and maxillofacial surgery with special emphasis on facial trauma, orthognathic surgery cases and management of benign and malignant tumors.
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| 2.  Briefly describe any plans for developing and improving the course that are being implemented.  (e.g. increased use of IT or web based reference material,  changes in content as a result of new research in the field)1. Students will be receiving assigned topics to review and to submit a summary.1. Each student will discuss his topic in the presence of some department faculty to improve their ability to evaluate published scientific material. Starting week 8th.
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**C.  Course Description** (Note:  General description in the form to be used for the Bulletin or Handbook should be attached)

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| 1 Topics to be Covered  |
| Content | No of Weeks | Contact hours |
| Dental implant 1 (surgical) | 1 | 1 |
| Advances in dental implants 1( Surgical ) | 1 | 1 |
| Advances in dental implant 11(surgical) | 1 | 1 |
| Medical Emergencies in the Dental clinics & Medications and Prescription | 2 | 2 |
| Surgical management of bone pathology | 1 | 1 |
| Sedation | 1 | 1 |
| Examination | 1 | 1 |
| TMJ Surgery | 1 | 1 |
| Update in management of trauma | 1 | 1 |
| Orthognathic surgery | 1 | 1 |
| Surgical management of cleft lip and palate | 1 | 1 |
| Salivary glands surgery | 1 | 1 |
| Oral surgery in hospital | 1 |  1 |
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| 2. Course components (total contact hours per semester):                          |
| Lecture:14 | Project discussion 20 hours  | Practical/clinical56 |  |

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| 3. Additional private study/learning hours expected for students per week. (This should be an average :for the semester not a specific requirement in each week)Students should spend a minimum of 4 hours per week |

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| 4. Development of Learning Outcomes in Domains of Learning  For each of the domains of learning shown below indicate:A brief summary of the knowledge or skill the course is intended to developA description of the teaching strategies to be used in the course to develop that knowledge or  skill  The methods of student assessment to be used in the course to evaluate learning outcomes in the domain concerned |
| **a.  Knowledge**(i)  Description of the knowledge to be acquired1. The student will be able to asses both the general medical condition of the patient as well as the maxillofacial area surgical problems.2. Diagnosis and management of complications resulting from minor oral  Surgical procedures with appropriate patient follow up.3. Student can perform the following uncomplicated procedures: e.g. extraction of single or multi-rooted, non-impacted teeth, removal of fractured or residual root , pre-prosthetic surgery, biopsy of soft tissues, infections of dental origin, assessment and management of impacted teeth under a close supervision4. The student should, by the end of the course, be able to participate in minor oral surgical procedures which include flap designs, cutting of alveolar bone by surgical  burs and bone files. He should, also, be familiar with suturing techniques, suture  materials and needles.1. The student will be able to write prescriptions and know the drugs used in the practice of minor oral.
2. Student should recognize when it is appropriate to refer patients to a specialist, and how to write an appropriate referral letter for other specialties.
3. Student should be able to diagnose and to be aware of the treatment of benign and malignant tumors
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| (ii)  Teaching strategies to be used to develop that knowledge. G.1. Lectures
2. Clinical and case scenario
3. Students presentation and discussion of the assigned student project
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| (iii)  Methods of assessment of knowledge acquired First semester1. Topic review/update report
2. clinical exam

 Second semester1. Midterm written exam
2. Final clinical/ and oral exam
3. Final written exam
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| **b. Cognitive Skills**1. Critical thinking
2. Problem solving
3. Judgment skill
4. Decision making
 |
| (i)  Cognitive skills to be developed Ability to think critically and analytically  |
| (ii)  Teaching strategies to be used to develop these cognitive skills Presentation of complicated clinical cases to students and they are asked to formulate a treatment plan. Clinical instructor- student clinical case discussion. |
| (iii)  Methods of assessment of students cognitive skills Evaluation of clinical case discussion.Take home duties. |
| **c. Interpersonal Skills and Responsibility**  |
| (i)  Description of the interpersonal skills and capacity to carry responsibility to be developed 1. Communication of students with patients, instructors and clinical staff.
2. How to deliver information to patients in a professional manner.
3. Teach students how to deal with different patients' personalities and attitudes.
4. Total patients' care including arranging patients' appointment, treatment and follow up.
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| (ii)  Teaching strategies to be used to develop these skills and abilities1. Students will be assigned to a particular patient and will be held responsible.
2. Students are required to make an oral presentation of their cases. (Demonstration by faculty on similar clinical cases).
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| (iii)  Methods of assessment of students interpersonal skills and capacity to carry responsibilityDirect evaluation of the student activity during clinical sessions. |
| **d. Communication, Information Technology and Numerical Skills**  |
| (i)  Description of the skills to be developed in this domain.1. How to search and use the internet to cope with the course demand.
2. How to judge different articles in the same subject and subtract proper information.
3. How to do professional presentation.
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| (ii)  Teaching strategies to be used to develop these skills1. Live demonstration.
2. Take home projects.
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| (iii)  Methods of assessment of students numerical and communication skills 1. Direct evaluation of the take home projects.
2. Open discussion.
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| **e.  Psychomotor Skills (if applicable)** |
| (i)  Description of the psychomotor skills to be developed and the level of performance required1. Self-monitoring fine motor skills (gentle manipulation of the tissues)
2. Maintaining hand control under stressful conditions
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| (ii)  Teaching strategies to be used to develop these skills1. Live, audio visual demonstration of different clinical cases.
2. Practical assignments where a specific time limit is given to the student.
3. Assignments where student should perform a practical demonstration in front of his colleagues .
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| (iii)  Methods of assessment of students psychomotor skills1. Students will be evaluated for different assignments.
2. Oral examination.
3. Clinical examination.
4. Written exam
5. Project evaluation.
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|  5. Schedule of Assessment Tasks for Students During the Semester |
| Assessment  | Assessment task (e.g. essay, test, group project, examination etc.) | Week due | Proportion of Final Assessment |
| 1 | Topic review/update | 8 | 10 % |
| 2 | clinical exam | 14 | 20 % |
| 3 | Midterm written exam  | 22 | 10% |
| 4 | Final clinical and oral exam(20+20)  | 28 | 40 % |
| 5 | Final written exam | 28 | 20 % |

**D. Student Support**

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| 1. Arrangements for availability of faculty for individual student consultations and academic advice. (include amount of time faculty are available each week) Office hours for students counseling. |

**E. Learning Resources**

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| 1. Required Text(s)1. Contemporary Oral and Maxillofacial Surgery

By Peterson, Ellis, Hupp, Tucker: Mosby; 4th Edition [2003]ISBN-10: 0323018874,ISBN-13: 978-0323018876 |
| 1. Essential References
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| 3.Recommended Books and Reference Material (Journals, Reports, etc) (Attach List)1. Textbook of General and Oral Surgery By Wray, Lee, Clark and Stenhouse

Churchill Livingstone [2003]ISBN-10: 0443070830, ISBN-13: 978-04430708391. Implant Therapy: Clinical Approaches and Evidences of Success

By: Myron Nevins, James T. Mellonig and Joseph P. Fiorellini.1998 by Quintessence (ISBN-13: 9780867153415)1. International journal of Oral & Maxillofacial Surgery
2. Journal of Oral & Maxillofacial Surgery
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| 4-.Electronic Materials, Web Sites etcFaculty web sites, pub med web sites |
| 5- Other learning material such as computer-based programs/CD, professional standards/regulations |

**F. Facilities Required**

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|  Indicate requirements for the course including size of classrooms and laboratories (i.e. number of seats in classrooms and laboratories, extent of computer access etc.) |
| Accommodation (Lecture rooms, laboratories, etc.)1. Lecture halls with 100 seats.
2. 30 dental clinics for practical sessions.
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| 2. Computing resources |

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| 3. Other resources (specify –e.g. If specific laboratory equipment is required, list requirements or attach list) Please mention if applicable, otherwise mention Not Applicable N/A |

 **G   Course Evaluation and Improvement Processes**

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| 1 Strategies for Obtaining Student Feedback on Effectiveness of TeachingQuestionnaire and personnel discussion |
| 2  Other Strategies for Evaluation of Teaching by the Instructor or by the DepartmentMeeting with the supervisor and discussion of every case |
| 3  Processes for Improvement of Teaching1. Department meeting and discussion with the faculty to improve the teaching process
2. Discussion of the students’ suggestions to improve certain aspects.
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| 4. Processes for Verifying Standards of Student Achievement (eg. check marking by an independent faculty member of a sample of student work, periodic exchange and remarking of a sample of assignments with a faculty member in another institution)The student is evaluated, at least, by three different faculty members |
| 5.  Describe the planning arrangements for periodically reviewing course effectiveness and planning for improvement.Regular Department Meetings.  |