**KING SAUD UNIVERSITY**

**COLLEGE OF DENTISTRY**

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| **Course Specification** | | |
| Course Title: | **Oral and Maxillofacial Surgery Grand Rounds – 2** | |
| Course Code: | **552 BDS** | |
| Course Level: | **Masters** | |
| Course Director(s): | **Dr. Sundar Ramalingam** | |
| Department: | **MFS – Maxillofacial Surgery** | |
| Academic Year | **2015 – 2016G [1436 – 1437H]** | |

**Course Specificationform**

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| Institution: **King Saud University – College of Dentistry** |
| College/Department : **Maxillofacial Surgery (MFS)** |

**A Course Identification and General Information**

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| 1. Course title and code:   **Oral and Maxillofacial Surgery Grand Rounds 2 - 552 BDS** |
| 2.  Credit hours: **2 Hour (Clinical rounds)** |
| 3.  Program(s) in which the course is offered :  **Master of Science in Oral and Maxillofacial Surgery (M.Sc. OMFS)** |
| 4.  Name of faculty member responsible for the course  **Dr. Sundar Ramalingam** |
| 5.  Level/year at which this course is offered :  **Masters – 2nd year** |
| 6.  Pre-requisites for this course (if any)  **NIL** |
| 7.  Co-requisites for this course (if any)  **NIL** |
| 8.  Location if not on main campus  **College of Dentistry Male Campus (BUC) and King Khalid University Hospital (KKUH)** |

**B  Objectives**

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| 1.  Summary of the main learning outcomes for students enrolled in the course.   Upon successful completion of the course:   1. Students shall be able to properly clerk patients, examine, request the relevant investigations and prepare the patient for surgery 2. Students shall be able to discuss findings, differential diagnosis, and treatment plan options with the patient and to obtain an informed consent to carry out the treatment for minor surgery cases. 3. Students shall be able to control patient’s pain and anxiety through medications, premedication and other procedures. 4. Students shall be able to write prescriptions, understand the pharmacology, indications and contraindications of the drugs and medicaments used or to be used by the patient. 5. Students should be able to manage all needs based care for inpatients. 6. Students should be able to provide post-surgical  care for the patients 7. Students should be able to discharge the patient with post-operative instructions and follow up advice. 8. Students should be able to participate in case discussion sessions with regard to patient care, treatment planning, surgical techniques, peri-operative care and follow up planning. |
| 1. Briefly describe any plans for developing and improving the course that are being implemented.  (eg increased use of IT or web based reference material,  changes in content as a result of new research in the field) 2. Students would be given selected topics for literature review from a wide range of sources including journal articles (electronic and print versions), reference books and online databases. 3. The review findings would be presented by the students in an open forum comprising departmental staff members and colleagues. 4. The students are expected not only to present but also to discuss and constructively criticize their review findings. |

**C.  Course Description**

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| **The course is hospital based with the primary focus on training the students about in-patient care from the time of admission until discharge and further follow up.** | | | | | |
| **1. Topics to be Covered -** The course topics shall include all aspects of care of a patient admitted for oral and maxillofacial surgery. It will include: | | | | | |
| * History and physical examination (Clerking) * Hospital protocol * Basic patient management protocol * Laboratory tests * Diagnostic modalities (radiographic and non-radiographic) * Fluid and electrolyte management of the in-patient * Nutritional support of the in-patient * Blood and blood products usage for in-patient * Commonly used medications (Pharmacology) * Management of the medically compromised in-patient * Common post-operative problems * Follow up and recall | | | | | |
| 2. **Course components (total contact hours per semester)**: | | | | | | |
| Supervised ward rounds:  **28 sessions (2 per week)** | | Grand rounds and case discussion:  **14 sessions (1 per week)** | | | | |
| 3. **Additional private study/learning hours expected for students per week.**  Private study or learning of at least 3 hours per week | | | | | | |
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| **4. Development of Learning Outcomes in Domains of Learning** | | | | |
| 1. **Knowledge** | | | | |
| (i)  Description of the knowledge to be acquired  Upon successful completion of the course:   1. The student shall be able to asses both the surgical as well as the general medical condition of the patient. 2. The student shall be able to work up the patient and prepare him/her for surgery in coordination with other specialties in the operating team like anesthesiology, general surgery and general medicine. 3. The student shall be able to provide appropriate pre- and post-operative care to in-patients admitted for oral and maxillofacial surgical procedures. 4. The student shall be able to anticipate, diagnose and manage complications arising as result of oral and maxillofacial surgical procedures. 5. The students shall be able to coordinate with his/her colleagues in the surgical team to advice the patient regarding informed consent, surgical plan, discharge, medication use and follow up plan. | | | | |
| (ii)  Teaching strategies to be used to develop that knowledge   1. Supervised ward rounds with discussion. 2. Grand rounds and case discussion about all in-patients under the department. 3. Assigned reading of prescribed textbooks, reference books and journals. | | | | |
| (iii)  Methods of assessment of knowledge acquired   1. Formative Assessment through case presentations and discussion. 2. Continuous assessment 3. Final oral/written examination | | | | |
| 1. **Cognitive Skills** | | | | |
| (i)  Cognitive skills to be developed  Upon successful completion of the course, the students should be capable of:   1. Critical thinking and problem solving in management of in-patients admitted for oral and maxillofacial surgical procedures. 2. Decision making with regard to admission, requesting investigations, prescribing medications, consenting, managing complications and requesting follow up among in-patients. | | | | |
| (ii)  Teaching strategies to be used to develop these cognitive skills   1. Case scenario based discussion and problem solving sessions at the end of each ward round or grand round session. 2. Case scenario based questions in the continuous assessment exams. | | | | |
| (iii)  Methods of assessment of students cognitive skills   1. Direct evaluation of the students during each session. 2. Scenario based written/oral examination. | | | | |
| **c. Interpersonal Skills and Responsibility** | | | | |
| (i)  Description of the interpersonal skills and capacity to carry responsibility to be developed  Upon successful completion of the course, the students should be capable of:   1. Effectively communicating with the patient and his/her relative, professional colleagues and personnel of the patient care team in order to achieved optimum care for the in-patients. | | | | |
| (ii)  Teaching strategies to be used to develop these skills and abilities   1. Case scenario based discussion and problem solving sessions at the end of each ward round or grand round session. 2. Case scenario based questions in the continuous assessment exams. | | | | |
| (iii)  Methods of assessment of students interpersonal skills and capacity to carry responsibility   1. Direct evaluation of the students during each session. 2. C | | | | |
| **d.   Communication, Information Technology and Numerical Skills** | | | | |
| (i)  Description of the skills to be developed in this domain.  Upon successful completion of the course, the students should be able to   1. Write a referral form for other specialties seeking consultation/opinion in a case scenario. 2. Write prescriptions with the knowledge of prescription drugs in a case scenario. | | | | |
| (ii)  Teaching strategies to be used to develop these skills   1. Lectures and assigned reading. 2. Case scenario discussion 3. Assignments | | | | |
| (iii)  Methods of assessment of students numerical and communication skills   1. Assignments 2. Direct evaluation of the students during each session. 3. Scenario based written/oral examination. | | | | |
| **e.  Psychomotor Skills (if applicable)** | | | | |
| (i)  Description of the psychomotor skills to be developed and the level of performance required  N/A | | | | |
| (ii)  Teaching strategies to be used to develop these skills  N/A | | | | |
| (iii)  Methods of assessment of students psychomotor skills  N/A | | | | |
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| **5. Schedule of Assessment Tasks for Students During the Semester/Year** | | | | |
| **Assessment** | **Assessment task** | | **Week due** | **Proportion of Final Assessment** |
| Continuous Assessment | Seminar and Case presentations | | Periodic | 40% |
| Final Oral Exam | Oral Examination by a Committee | | 12th Week | 20% |
| Final Written Exam | MCQ Examination | | 16th Week | 40% |

**D. Student Support**

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| **1. Arrangements for availability of faculty for individual student consultations and academic advice.**   * Each student/group of students shall be assigned to a particular faculty member who will provide academic counseling and guidance during specific academic hours every week. * Students shall be prepared for open discussion with the supervising faculty members during the ward rounds, grand rounds and case discussion sessions. |

**E. Learning Resources**

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| 1. Required Text(s)   1. **Maxillofacial Surgery, 2nd edition 2 volumes**   Author: Oeter Booth, Shendle, Jerry Hausman   1. **Contemporary Oral and Maxillofacial Surgery**   By Peterson, Ellis, Hupp, Tucker:  Mosby; 4th Edition [2003]   1. **Clinician’s Manual of Oral and Maxillofacial Surgery**   By Paul Kwon and Daniel Laskin |
| 1. Essential References |
| 1. Recommended Books and Reference Material (Journals, Reports, etc) (Attach List)  * **International Journal of Oral and Maxillofacial Surgery** * **Journal of Oral and Maxillofacial Surgery** * **Triple “O” Journal** * **Dental Clinics of North America.** |
| 1. Electronic Materials, Web Sites etc  * **Pubmed** * **Medscape** * **Sciencedirect** |
| 1. 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 (ie number of seats in classrooms and laboratories, extent of computer access etc.) |
| 1.  Accommodation (Lecture rooms, laboratories, etc.)   * **Lecture rooms enabled with “Smart Class Room”** |
| 2. Computing resources   * **Access to internet – available throughout the campus.** |
| 3. Other resources (specify --eg. If specific laboratory equipment is required, list requirements or attach list) |

**G   Course Evaluation and Improvement Processes**

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| * 1. Strategies for Obtaining Student Feedback on Effectiveness of Teaching * **Feedback questionnaires returned from students.** * **Personal discussion between the faculty and students.** |
| * 1. Other Strategies for Evaluation of Teaching by the Instructor or by the Department * **Discussion regarding feedback in department meeting.** * **Course Evaluation Survey conducted by the Quality development unit of the College.** |
| * 1. Processes for Improvement of Teaching * **Making appropriate changes when necessary based on obtained feedback.** |
| * 1. 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) * **Reviewing of exams by Examination Committee of the department.** |
| * 1. Describe the planning arrangements for periodically reviewing course effectiveness and planning for improvement. * Under the guidance of the departmental post graduate education committee, the feedback obtained from students in the form of surveys and individual observations by faculty shall be discussed and reviewed periodically.   . |