**KING SAUD UNIVERSITY**

**COLLEGE OF DENTISTRY**

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| **Course Specification** | | |
| Course Title: | ***Hospital Oral Surgery*** | |
| Course Code: | ***413 MFS*** | |
| Course Director(s): | **(BUC)**  ***Professor Nasser Nooh*** | |
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| Department: OMFS |  | |
| Academic Year | **2014 – 2015G [1435 – 1436H]** | |

**Course Specification**

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| Institution | King Saud University |
| College/Department | College of Dentistry / |

**A Course Identification and General Information**

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| 1.  Course title and code | ***Hospital Oral Surgery ( 413 MFS)*** |
| 2.  Credit hours |  |
| 3.  Program(s) in which the course is offered. | ***Bachelor Degree of Dentistry (BDS)*** |
| 4.  Name of faculty member responsible for the course | Professor Nasser Nooh |
| 5.  Level/year at which this course is offered : | 4TH YEAR ( FIRST AND SECOND SEMESTERS) |
| 6.  Pre-requisites for this course (if any) | *311 MFS*  *312 MFS* |
| 7.  Co-requisites for this course (if any) |  |
| 8.  Location if not on main campus | ***BUC*** |

**B  Objectives**

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| 1. **Summary of the main learning outcomes for students enrolled in the course.**   *The Students will be able to:*   1. *Demonstrate sound understanding of patient assessment, laboratory investigations and clinical examination to reach diagnosis and treatment plan. ( 1.1),( 1.2), (1.4), (3.1), (3.3), (4.1)*  *Discuss findings, diagnosis, and treatment plan options with the patient and to obtain informed consent from the patient before surgery. (1.4), (1.6)**Use local anesthesia and other procedures to control patients’ pain and anxiety (1.4), (5.1), (5.2)**Write prescriptions and the scientific use of medications (1.4)**Establish diagnosis and management of complications resulting from minor surgical procedures and appropriate patient follow-up and referral to specialist (2.1)* *Perform and/or assist in the followings: Extraction of single or multiple-rooted teeth, preprosthetic surgery, biopsy of soft tissue, transalveolar surgery, management of infections of dental origin, assessment and management of impacted teeth under close supervision and assist in surgical placement of dental implant. (2.1), (2.2), (5.1), (5.2), (5.3)**Assist in management of patients with facial trauma, orthognathic surgery, benign and malignant tumors in the hospital. (2.3), (3.1), (5.1), (5.2), (5.3)**Under stand management of complication**Understand management of medical compromise patients**Be familier with all instrument used in MFS**Understand the principle of implant dentistry* *.* |
| **2.  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) |

**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** | | | | |
| **Topics** | **No. of Weeks** | | **Contact hours** | |
|  | 1 | |  | |
|  | 2 | |  | |
|  | 3 | |  | |
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|  | 13 | |  | |
|  | 14 | |  | |
|  | 15 | |  | |
|  | 16 | |  | |
|  | 17 | |  | |
| Final Examination | 18 | |  | |
| **Total** |  | |  | |
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| **2. Course components** (total contact hours per semester): | | | |
| Lecture:  **0** | Clinical  **29**  15 1st semester  14 2nd semester | Practical/Fieldwork/Internship: | Other: |

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| **3. Additional private study/learning hours expected for students per week.** (This should be an averagefor the semester not a specific requirement in each week)  *Students should spend a minimum of 3 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:*   1. *A brief summary of the knowledge or skill the course is intended to develop;* 2. *A description of the teaching strategies to be used in the course to develop that knowledge or  skill;* 3. *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 acquired**  *The student should be able to:*   1. *Demonstrate sound understanding of different surgical procedures. (1.4)* 2. *Name different investigations and clinical findings to reach diagnosis and treatment planning. (1.1) (1.2) (1.3)* 3. *List indications and interactions of commonly used medications in oral surgery. (1.3)(1.4)* 4. *Outline complications arising from surgical procedures. (1.2)(1.3)* 5. *Br familier with instrument* 6. *Understand implant dentistry* | | | |
| **(ii)  Teaching strategies to be used to develop that knowledge**   * *Clinical sessions* * *Case discussion* * *Implant hand on practical* | | | |
| **(iii)  Methods of assessment of knowledge acquired**   1. *Discussion duringAssistance in implant surgery* 2. *Case discussion* 3. *clinical and oral exams* 4. *OSCE* | | | |
| **b.  Cognitive Skills**  *The student should be able to:*   1. *Write patient’s treatment plan based on patient’s history, clinical examination and investigations. (2.1) (2.2)* 2. *Perform extraction of single or multi-rooted teeth and removal of fractured roots. (2.2) (2.3)* 3. *Prescribe the necessary medications, for patients, before and after surgery. (2.3)* 4. *Perform minor oral surgical procedures including flap raising, bone cutting, pre-prosthetic surgery, biopsy of soft tissue, management of infections of dental origin,assessment and management of impacted teeth under direct supervision. (2.3)* 5. *Use different suturing techniques in different surgical procedures. (2.3)* 6. *Assist in surgical placement of dental implants. (2.3)* 7. *Analyze complications arising from minor surgical procedures. (2.1)(2.2)* | | | |
| **(i)  Cognitive skills to be developed**  Ability to think critically and analytically | | | |
| **(ii)  Teaching strategies to be used to develop these cognitive skills**   1. *Presentation of simple and complicated clinical cases, demonstration of different surgical approaches to students and they are asked to participate in discussion.*   *Every clinical session: instructor- student clinical cases discussion.* | | | |
| **(iii)  Methods of assessment of students cognitive skills**   1. *Clinical and oral examination*   *Dental implant placement* | | | |
| **c. Interpersonal Skills and Responsibility**  (i)  Description of the interpersonal skills and capacity to carry responsibility to be developed   1. *To interact professionally with patients, instructors, and clinical staff.* 2. *To deliver information and instructions clearly and accurately in simple phrases.* 3. *To demonstrate ability to patients' care including arranging patients' appointment, treatment and follow Up.* 4. *Self evaluation and peer evaluation of his colleagues.* | | | |
| (ii)  Teaching strategies to be used to develop these skills and abilities   1. *Continuous clinical sessions in which students will be assigned to some patients to develop their comprehensive surgical management.* 2. *Students are required to make oral presentations of their cases.* 3. *each student will be asked to evaluate himself during the clinical seccion, and also evaluate his partener honestly usin g an evaluation sheet ( attached a copy at the end of to the specification form)* | | | |
| (iii)  Methods of assessment of students interpersonal skills and capacity to carry responsibility  *Direct evaluation of the student’s activity during clinical sessions.* | | | |
| **d.   Communication, Information Technology and Numerical Skills** | | | |
| (i)  Description of the skills to be developed in this domain.  *Students should be able to:*   1. *Use the internet to cope with the course demand.* | | | |
| (ii)  Teaching strategies to be used to develop these skills   1. *Clinical activity encourages the students to develop effective communication.*   *Individual and group assignment* | | | |
| (iii)  Methods of assessment of students numerical and communication skills  *Opencase discussion* | | | |
| **e.  Psychomotor Skills (if applicable)** | | | |
| (i)  Description of the psychomotor skills to be developed and the level of performance required    To watch the accuracy of implementing surgical procedures.  performing a minimum number of clinical procedures | | | |
| (ii)  Teaching strategies to be used to develop these skills   * *Practical assignments supported by demonstration by staff to enhance and develop the Student’s manual skills.* * *The student has to perform a decided requirement of procedures in the clinic.* | | | |
| (iii)  Methods of assessment of students psychomotor skills   * *Students will be evaluated for different clinical assignments.* * *Student has to finish minimum number of clinical cases.* * *Practical and clinical examination.* | | | |
| **5. Schedule of Assessment Tasks for Students During the Semester** | | | |
| Assessment | Assessment task (eg. essay, test, group project, examination etc.) | Week due | Proportion of Final Assessment |
| **Yearly Continuous Evaluation** | |  |  |
|  | *implant* |  | *10%* |
|  | *1st OSCE examination* | *9* | *20%* |
|  | *2nd OSCE examination* | *22* | *20%* |
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| **Final Evaluation** | |  |  |
|  | *clinical examination* | *22:25* | *20 %* |
|  | *Final oral exam* | *27* | *30 %* |
|  | Total |  | 100 |

**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)  *Each group of students is assigned to a faculty, where he or she will provide academic counseling during specific academic hours (office hours). With the course hours.* |

**E. Learning Resources**

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| 1. Required Text(s)  ***Contemporary Oral and Maxillofacial Surgery*** *By, Ellis, Hupp, Tucker:*  *Mosby; 5th Edition [2008]*  *ISBN-10: 0323049036*  *ISBN-13: 978-0323049030* |
| 1. Essential References 2. ***Textbook of general and oral surgery***   *David Wray, David Lee, Andrew Clark and David Stenhouse*  *First edition, 2003*  *ISBN-10: 0443070830*  *ISBN-13: 978-0443070839*   1. ***Oral and maxillofacial surgery: An objective-Based textbook*** *by:*   *Jonathan Pedlar and John W Frame.*  *Second edition, (2007)*  *ISBN-10: 044310073X*  *ISBN-13: 978-0443100734* |
| 1. Recommended Books and Reference Material (Journals, Reports, etc)   *1)****Textbook of General and Oral Surgery***  *By Wray, Lee, Clark and Stenhouse*  *Churchill Livingstone [2003]*  *ISBN-10: 0443070830*  *ISBN-13: 978-0443070839*   1. ***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* |
| 4. Electronic Materials, Web Sites etc  *Faculty web sites, mediscape and pubmed web sites* |
| 6. 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.) 2. *30 dental clinics for practical sessions.* |
| 1. Computing resources 2. *Use of radiographic software to interpret patient’s radiographs* |
| 1. 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   *Questionnaire and personnel discussion* |
| 1. Other Strategies for Evaluation of Teaching by the Instructor or by the Department   *Meeting with the supervisor and discussion of every case* |
| 1. Processes for Improvement of Teaching 2. *Department meeting and discussion with the faculty to improve the teaching process.* 3. *Discussion of the students suggestions to improve certain items* |
| 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)   *The student is evaluated, at least, by three different faculty members.* |
| 1. Describe the planning arrangements for periodically reviewing course effectiveness and planning for improvement. 2. *Monthly meeting of the department members* |