

Revised: 13 October, 2008



King Saud University
College of Dentistry

DEN 491 Course
Comprehensive Clinical Dentistry
DUC

Course Coordinator
Prof. Khalid AL Wazzan

Course Director
Dr. Thakib A. Al-Shalan

Academic Year 1429/1430H. (2008/2009G.)

Course Name: Comprehensive Clinical Dentistry
Course Number: DEN 491
Credit Hours: 10-Credit Hours
One Lecture and Four Clinical Sessions (3 hrs.) Weekly for Two Semesters
Sequence: Fifth Year
Pre-requisites: 411 RDS, 422 RDS, 411 PDS, 421 SDS, 431 SDS
Co-requisites: 441 SDS, 432 SDS

Course Description:

The course is designed to cover all clinical disciplines in dentistry. It is offered during the fifth year and consists of one lecture and four clinical sessions per week throughout the academic year.

This is a conjoint course by the four dental departments where contributors from all dental disciplines participate in both in the lecture and clinical sessions.

A one-week Cardio-Pulmonary Resuscitation (CPR) course is given by the College of Medicine.

Course Objectives:

The course is organized to augment the clinical experience of the students, there by, providing them with an excellent foundation for patient care and clinical management.

- The students should be able to diagnose conditions of the oral cavity and its related structures, using proper diagnostic tools.
- The students also should be able to develop a comprehensive treatment plan for the prevention and treatment of oral conditions so that each patient can be maintained in, or restored to, a healthy, functioning aesthetic condition.
- At the end of the course, the students should be able to perform competently preventive and therapeutic procedures which are used by general dentists in the treatment of patients.

Course Protocols:

1. Students **must** perform a complete comprehensive treatment for all cases that are assigned to them by the course coordinator. **No** student is allowed to pass the course without completing a minimum of 5 cases that are classified according to different degrees of difficulty (S, S⁺, M, M⁺ and M⁺⁺). However, completing the "**M, M⁺ and M⁺⁺**" cases is mandatory to pass the course.

Cases which include **more than 11** fixed prosthodontic units are not accepted in the course. Also complete denture cases are not counted as one of the comprehensive required cases.

The student is **not allowed** to start any case prior to classification of such a case by the course coordinator.

It is **not allowed** to dismiss or transfer patients from this course to another or from a student to another without the approval of the course coordinator.

One of the completed cases should be selected by the student for a **case presentation**.

2. A student is allowed to start the treatment procedure **only after** :
 - a. The specialized definitive treatment plan is approved and signed in the patient's file & logbook by the respective specialty clinical instructor supervising the student.
 - b. The over all treatment plan should be entered into the DEN 491 electronic data program.
 - c. The overall comprehensive treatment plane is approved and signed by the course coordinator.
3. **Zero (0)** mark is given to the student who fails to fulfill items no. 1 and 2 of the protocols.
4. **Zero (0)** mark is given to the student who shows improper management of the case, repeated ignorance to instructions, repeated irreversible damage, improper behavior with patients and/or clinical instructors.
5. If the student does not finish the clinical work during the allotted clinical time, warning will be given for the 1st time. More than three warnings, the highest case points will be completely canceled.
6. The course coordinator is the only one who can implement items no. 3, 4 and 5 of the protocols.
7. The final evaluation is based on the degree of difficulty of cases, number of complete cases, proper management of the allotted clinical time, knowledge, performance of clinical procedures and proper behavior. **The unfinished cases will not be considered for the final grading.**
8. Discussion and questions about the on-going clinical procedure can be conducted at any time by the clinical instructor during the regular clinical session.
9. The student should book patient according to the availability of the specialty instructor at the clinical session. Names of clinical instructors at all clinical sessions are posted on the clinic's bulletin board.
10. Any clinical procedure that is started under the supervision of a clinical instructor should be completed under the supervision of the same clinical instructor. Exceptional cases to this rule are to be arranged **only** by the course coordinator.
11. Any clinical procedure that is performed by the student should be recorded in the patient's file. The student should also write clearly his name, university number and signature. This should be followed by the signature of the clinical instructor supervising the student.
12. Attendance of students in both lectures and clinic is mandatory. Student absence at any clinical session is absolutely not acceptable. Being **5 minutes late to the lecture or 15 minutes late to the clinical session** is considered as absence. This will affect the student's evaluation. However, absence due to emergency or sickness **may be** accepted provided an acceptable excuse or a **medical report**.

When 25% of the lecture or the clinical sessions are missed, the student will be deprived from taking the final exam according to the university rules and regulations.

13. Professionalism is expected from students at all times. Coordination with the Booking Area to book patients is the **responsibility of the students**.

14. Emergency case(s) is/are assigned **only** by the course coordinator to any student at a clinical session where no patient is booked.

Case Presentation:

Each student is required to present one of his "M" clinical cases to the class by the end of the second semester of the academic year. Students should collect all clinical data, radiographs, mounted diagnostic casts and clinical photographs of the clinical case at the start, during and at completion of the dental treatment.

The quality of presentation, knowledge of student and his response during case discussion are considered in evaluation by the attending faculty members.

Grade Distribution:

Clinical evaluation	50 %
Clinical Procedure Points	15 %
Procedure Evaluation	25 %
Clinical Instructor's Evaluation *	10 %
Mid-year Didactic Exam	10 %
Case Presentation	10 %
Final Oral Exam **	20 %
Final Didactic Exam	10 %

* Based on Attendance, Behavior and compliance with Instructions, Time management, student care of patient.

** The final oral exam will be held during the first month of the second semester of the academic year. An oral make-up exam will be arranged to give failing students another chance, but the students will not have a grade of more than 60 %.

CPR is a compulsory attached course that should be passed by the students.

Schedule of 491 DEN Lectures:

Tuesday, 8:00 – 9:00 AM

Room 37/2A 2nd Floor

First Half of Academic Year 1429-1430H [2008-2009]

DATE	TOPIC	LECTURER
14 Oct. 2008	Course Introduction and Orientation	Prof. Khalid Al Wazzan
21 Oct. 2008	Inter-disciplinary Treatment Planning	Prof. Khalid Al Wazzan
28 Oct. 2008	TMD Treatment Planning, Treatment and Management	Dr. Ziyad Salameh
04 Nov. 2008	Management of Medically Compromised Patients	Dr. Ali Al Refai
11 Nov. 2008	Medical Ethics	Prof. Khalid Al Wazzan
18 Nov. 2008	Glass Ionomer	Dr. Talal Al Qunaian
25 Nov. 2008	Searching Dental E-Sources	Dr. Ahmad A. Khudair
02 Dec. 2007	Crown Lengthening Patient Assessment & Management	Dr. Khalid Al-Hamdan
HAJJ HOLIDAY December 03 - 13, 2008		
CPR Course KKHU - Dept. of Anesthesia December 20-24, 2008		
30 Dec. 2008	Restoration of Endodontically Treated Teeth	Prof. Khalid Al Wazzan
06 Jan. 2009	All Ceramic Restorations	Dr. Alaa El Araby
13 Jan. 2009	Occlusion in Prosthodontics - I	Prof. Ihab Hammad
20 Jan. 2009	Occlusion in Prosthodontics - II	Prof. Ihab Hammad
27 Jan. 2009	Endodontic Diagnosis	Dr. Solaiman Hadlaq
03 Feb. 2009	Surveyed Crowns	Prof. Khalid Al Wazzan
MID - YEAR DIDACTIC EXAMINATION 07 February 2009		

Second Half of Academic Year 1429-1430H [2008-2009]

DATE	TOPIC	LECTURER
MID - YEAR BREAK February 18-27, 2009		
03 March 2009	Overdenture Supported Implant	Dr. Khalil Al Ali
10 March 2009	Single tooth Implants	Dr. Khalid Al-Hamdan
17 March 2009	Scientific Writing and Presentation of a Case	Prof. Khalid Al Wazzan
24 March 2009	Labial Veneers	Dr. Mohammed AlQahtani
31 March 2008	Denture Adhesives: An overview	Dr. Abed Al Jabab
07 April 2009	Dental Amalgams: A Controversial Issue	Dr. Alaa El Araby
14 April 2009	New Endodontic Instrumentation Techniques	Dr. Ahmed Al Kahtani
21 April 2009	New Endodontic Obturation Techniques	Dr. Ahmed Al Kahtani
MID – 2ND SEMESTER BREAK APRIL 25 – MAY 1, 2009		
05 May 2009	Radiation Hazards and Protection in Dentistry	Dr. Ra'ed Al Sadhan
12 May 2009	Differential Diagnosis and Management of Head and Neck Swelling	Prof. Khaled El Sayed
19 May 2009	Management of Needed ER in Dental Office	Dr. Saad Sheta
26 May 2009	Forensic Dentistry	Dr. Ahmed Al Zahrani
02 June 2009	Research Methodology	Prof. H.A. Mosadomi
09 June 2009	Regulations of Practicing Health Profession	Prof. Khalid Al Wazzan
FINAL DIDACTIC EXAMINATION		

Essential References:**Periodontics:**

Carranza's Clinical Periodontology

Michael G. Newman, Henry Takei, Fermin A. Carranza, Perry R. Klokkevold.

W.B. Saunders Company; 10th edition, 2006

Operative Dentistry:

Fundamentals of Operative Dentistry: A Contemporary Approach

James B. Summitt.

Quintessence Publishing; 3ed edition, 2006

Endodontics:

Pathways of the Pulp

Stephen Cohen, Kenneth M. Hargreaves.

C.V. Mosby; 9th edition, 2005

Oral Surgery:

Contemporary Oral and Maxillofacial Surgery

Larry J. Peterson, Edward Ellis, James R. Hupp, and Myron R. Tucker,

Mosby; 4th edition, 2003

Prosthodontics:

Fixed partial denture

Contemporary Fixed Prosthodontics

Stephen F. Rosenstiel, Martin F. Land, Junhei Fujimoto

C.V. Mosby; 4th edition, 2006

Removable partial denture:

Stewart's Clinical Removable Partial Prosthodontics

Rodney D. Phoenix, David R. Cagna, Charles F. DeFreest

Quintessence Publishing; 3rd edition, 2002

Removable complete denture:

Clinical complete denture prosthodontics

Moustafa A. Hassaballa

King Saud University, Academic publishing& pres, 2004