

King Saud University
College of Dentistry

DEN 491 Course

Comprehensive Clinical Dentistry

Course Director: **Dr. Yousef Al Dlaigan**
Vice Dean, Academic Affairs

Course Coordinators: **Prof. Khalid Al Wazzan** (Males)
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Course Description:

The course is designed to cover all clinical disciplines in dentistry. It is offered to the fifth year students 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 students should be able to:

- establish an excellent foundation for patient care.
- use proper diagnostic tools to reach a proper diagnosis.
- professionally formulate a comprehensive treatment plan and discuss various treatment modalities.
- professionally manage different clinical cases and procedures.

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" cases is mandatory to pass the course.

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 both:**
 - a. The specialized definitive treatment plan is approved and signed in the patient's file by the respective specialty clinical instructor supervising the student. The case should be given a weight that should be recorded and signed in the clinical logbook.
 - b. 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, **10 points** may reduce from the total points for the case he/she was treating.
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 any 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/her 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/her "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/her response during case discussion are considered in evaluation by the attending faculty members.

Grade Distribution:

Clinical evaluation	50%
Specialty Weight & Evaluation	40 %
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.

Reference Text Books for the DEN 491 Course:

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; 3^{ed} 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