

**King Saud University
College of Dentistry
Graduate Program in Endodontics
Instructional Syllabus -RDS 531**

Course Title	: Advanced Endodontic Specialty Clinic
Course Number	: RDS 531
Credit Hours	: Three hours (4 sessions/week)
Pre-requisites	: RDS 521 and RDS 527
Course Director	: Hanan Balto, B.D.S, MSc, Cert. of Endo
Course Contributors	: Prof. Abdulhameed Saad, BDS, MS, Ph.D Dr. Hussam Al-Fawaz, BDS, Ms, FRCD(c)
Course Level	: 3 rd year
Format	: Clinical
Venue	: Graduate Restorative Clinic
Year	: 2014 G - 1435H

COURSE DESCRIPTION

This clinical course is designed to expose the graduate student to clinical experience in the diagnosis and treatment of a variety of patients with complex endodontic needs. By the end of the postgraduate program, the student should be able to develop and maintain a range of advanced clinical skills (diagnostic and treatment skills).

COURSE OBJECTIVES

By the end of this course the students should be able to achieve competence in:

- Diagnosing and providing appropriate endodontic treatment procedures for medically compromised patient.
- Performing the diagnostic and technical procedures involved in surgical endodontic therapy.

- Determining whether an endodontic treatment has succeeded or failed and identifying probable cause of failure.
- Evaluating the effects of impact injury to teeth and performing the proper therapy where indicated.
- Providing appropriate emergency treatment procedures to relieve pain and/or resolve swelling.
- Recognizing and correcting procedural errors in access preparation, instrumentation and obturation.
- Providing esthetic treatment through bleaching for discolored endodontically treated teeth.
- Recommending appropriate restorations of endodontically treated teeth and providing space for proper retention and resistance form for the appropriate restoration
- Interacting with all health practitioners involved in treating the patient by acting as the coordinator of the patients total dental health care.

Course Requirements:

- The student is expected to complete not less than 230 cases during his/her graduate program. The breakdown of these cases should be as follows:

8. Conventional root canal therapy (mainly molars)	200 cases
b. Surgical endodontic therapy	20 cases
c. Bleaching	5 cases
c. Implant cases	5 cases
- Out of the 200 cases only 10 % will be for single rooted teeth, while 90% of the cases should be multi-rooted teeth. However, challenging single rooted teeth is considered.
- The student should finish 50 cases of root canal treatment with hand instrument before move to the rotary instrument.
- At least **50% of the treated cases should be recalled for a minimum of one year.**
- Students are highly encouraged to attend crown-lengthening procedure with periodontist and document those cases with high quality photographs.

- It is the student's responsibility to seek out a full spectrum of endodontic treatment modalities (such as apexification, perforation repair, a pexinogenesis, bleaching, revascularization, surgery, removal of broken instrument, emergency and trauma cases, management of medically compromised patients and implant cases) in order to gain the maximum amount of clinical experience.
- Cases that are referred for surgery should be thoroughly discussed with the assigned supervisor; adequate diagnostic data and consultation with the concerned specialty should be carried out before proceeding with the treatment.

CLINICAL PROTOCOL

- Postgraduate (PG) students are expected to be in the clinic from 9:00 A.M. to 12:00 Noon and from 1:00 P.M. to 4:00 P.M., at all times. PG students have to follow the previously outlined schedules unless prior arrangements have been made with the clinical director. All scheduling of patients will be the responsibility of the PG students and postgraduate clinic's front desk.
- Clinical cases for RDS 531 should be relatively complicated. The student at the third year of the program should be more competent in treating the patients with less supervision. However, if the student is indecisive about certain step and there is any question, she should seek assistance from the assigned supervisor. It would be better to lose a point or two than proceed and cause iatrogenic damage to the patient's tooth, resulting in possible failure.
- While attending clinical sessions, you are required to see a minimum of two patients per session, unless you are doing a single-visit treatment, or dealing with difficult case, and/or surgical procedure.
- The clinical instructor prior to any treatment must initially examine the patient. If the case warrants endodontic treatment and is suitable for student teaching, permission will be given to precede with examination, treatment plan and treatment procedures.
- The PG students should work under a magnification aid (Loup, microscope, etc) during the endodontic procedure.

- 100% attendance is required: If a student cannot attend the clinical session, he/she should seek an excused absence from the course director and the assigned supervisor prior to the scheduled clinical session, and complete the necessary arrangement with her/his booked patient.
- A faculty member must supervise PG students working in endodontic clinic whenever they are treating patients and all work must be done within normal clinic hours. PG students who disregard this regulation will be subject to suspension from the clinics.
- The PG student should maintain at all times the highest professional conduct with patients and college associates. Unprofessional conduct is grounds for suspensions or dismissal.
- The PG student's dress shall always be **neat!** In the dental treatment area white jacket and disposable gown must be worn at all times. College identification badges are to worn at all times. Dress codes will be strictly enforced.
- The PG students should follow strictly the clinical infection control policy of the school.
- The PG student is responsible for saving a copy of the radiograph of all his/her treated cases during the residency (including the preoperative, the cone fit and immediate post operative with 6-month and 1-2 year follow up) in the endodontic server under his/her name and it is a property of the program. Preoperative and postoperative radiographs should be taken in mesial, distal and straight angulation.
- Every saved case should include the patient name, chart number and the date of treatment.
- The endodontic program has a long waiting list of patients. The students are required to appoint patients according to the waiting list. However, some cases, referred from other specialty programs that need urgent care can be given priority. The endodontic program has a long waiting list of patients. The students are required to appoint patients according to the waiting list. However, some cases, referred from other specialty programs that need urgent care can be given priority.

- **STUDENT EVALUATION**

The grade will be given based on:

- Monthly evaluation {clinical management, clinical judgment, discipline, attitude and behavior} (20%)
- Technical Quality (45%)
- Diversity of the cases (10%)
- Case documentation (10%)
- Follow-up (15%)

*****Incomplete = if the requirements incompleted***