



**King Saud University College of Dentistry
Department of Prosthetic Dental Sciences**

SDS 433

**Clinical Fixed
Prosthodontics I**

DR. AMAL AL QAHTANI

Course Director - F

Dr. HANAN AI OTAIBI

Course Co-director - F

**ACADEMIC YEAR
1433 /1434H (2012/2013G)**

COURSE TITLE : Clinical Fixed Prosthodontics I
COURSE CODE : SDS 433
CREDIT HOURS : 3 (1L+ 2C)
PREREQUISITES : SDS 333 Course (Introduction to Fixed Prosthodontics)

COURSE DESCRIPTION

This course serves as a transitional phase from a preclinical to a clinical environment. It provides a framework for the student to reinforce concepts learned in the previous fixed prosthodontic course (SDS 333). This course introduces the fourth-year students to the clinical aspects of delivering patient care in the specialty of fixed prosthodontics. It is designed to teach the student to clinically apply basic principles of fixed prosthodontics. **The student is expected to develop the necessary skills for gathering diagnostic information, developing a sequential treatment plan, and performing fixed prosthodontic procedures using sound clinical judgment.**

COURSE OBJECTIVES

At the end of the course, the dental student should:

1. Collect basic concepts necessary for the diagnosis and treatment planning of simple fixed prostheses.
2. Develop skills managing a simple clinical fixed prosthetic cases successfully.
3. Practice different types of tooth preparations of abutments of fixed prostheses.
4. Produce biologically compatible and esthetically and functionally acceptable provisional crown.
5. Manipulate safely soft tissues during impression making for prepared tooth/teeth.
6. Utilizing a face bow, inter-occlusal records and semi-adjustable articulators for mounting clinical cases.
7. Demonstrate familiarity with replacing missing tooth/teeth with dental implants.

COURSE TOPICS

- ➡ Treatment planning & treatment sequence of fixed partial prosthodontics
- ➡ Principles of occlusion
- ➡ Review of various tooth preparations
- ➡ Management of abnormal tooth positions

- ➡ Restoration of the endodontically treated teeth
- ➡ Interim fixed restorations
- ➡ Tissue management and impression making
- ➡ Description of Color and shade selection
- ➡ Principles of esthetics
- ➡ Implant supported fixed prosthodontics
- ➡ Evaluation of the final restoration & try-in procedures
- ➡ Cementation of the final restoration
- ➡ Post-operative care of fixed partial prosthesis

STUDY PLAN AND COURSE REQUIREMENTS:

To receive the maximum benefit from this course, the student must attend all lecture, and clinical sessions. A large emphasis of this course is placed on the clinical applications of the principles of Fixed Prosthodontics, which will be presented in a variety of formats including lectures, preclinical exercises and clinical demonstrations.

A portion of this course is devoted to reviewing the fundamental concepts that were presented in the previous Fixed Prosthodontic course. Much of the review material can be found in your lecture notes from SDS 333, as well as the recommended textbooks listed in this syllabus. Reviewing your previous lectures will assist in understanding the lectures as they are presented.

Satisfactory completion of this course requires:

1. Attendance in lecture, and clinic. Twenty-five percent (25%) of absence from the lecture or clinical sessions will deprive the student from taking the final examination (University Rules & Regulations).
2. A minimal passing grade of %60 must be achieved for the didactic component as well as the clinical component of the course.
3. A satisfactory completion of the clinical competency exam.
4. A satisfactory completion of the minimum clinical requirements.

CLINICAL REQUIREMENTS:

Each student is required to:

1. Complete the treatment of a minimum of two fixed prosthodontic cases of a relatively simple nature with a minimum of **4 units** (single crowns, 3 or 4 unit fixed partial denture, post and core restorations- direct or indirect).
2. For the purpose of this course, treatment means the following:

- a. Detailed and systematic documentation of clinical findings, including full detailed charting, accurate mounted study casts, radiographs.
 - b. Clear documentation of all findings, treatment options, relative prognosis and treatment sequence.
 - c. Meticulous execution of clinical procedures.
3. Complete and pass the clinical competency exam.
4. It is important that each student be exposed to a range of common FP procedures. If this is not achievable by himself, then observing a colleague is the minimum requirement.
5. Clinical activities will be recorded on a weekly basis by the assigned instructor.

INSTRUCTIONAL METHODS

- ➡ Didactic Lectures
- ➡ Hands on Clinical Sessions

EVALUATION AND ASSESSMENT

In order to receive a passing grade for the course, the student must pass each of the didactic and clinical/laboratory components separately.

1. <u>Didactic</u>	
a. Quizzes	10%
b. Mid-term written examination	15%
c. Final written examination	25%
Total	50%
2. <u>Clinical</u>	
a. Clinical Competency Exams	10%
b. Continuous Clinical Assessments	20%
c. Clinical Requirement Achievements	10%
d. problem solving assignments	10%
Total	50%

TOTAL	100%

REQUIRED TEXTBOOKS

General Reference Book:

Rosenstiel SF, Land MF & Fujimoto J. Contemporary Fixed Prosthodontics, 4th ed. Mosby Elsevier, 2006.

Supplementary Reference:

Shillingburg HT, Hobo S, Whitsett LD, Jacobi R & Brackett SE. Fundamentals of Fixed Prosthodontics, 3rd ed. Quintessence Publishing Co, 1997.

COURSE PROTOCOL

The student should be present in the lecture room, and the clinic prior to the lecturer and the instructor.

1. A student who attends 5 minutes after the beginning of the lecture time or 10 minutes after the beginning of the clinical session will be given (-1) mark under “late” (LT) score.
2. A student who attends 10 minutes after the beginning of the lecture time or 15 minutes after the beginning of the clinical session will be given (-2) mark under “late” (LT) score.
3. A student who is absent will be given (-2) marks under “absent” (AB) score.
4. A student who exceeds (-14) marks under (LT)+(AB) score in either the didactic, or clinical part will not be eligible to sit for the final examination and will be considered as a “disqualified” student.
5. The student should be seated on the same location in the clinic and should handle the materials, equipments, instruments and other devices with care and caution.
6. The student should be competent in tooth preparation and provisional fabrication before allowed to work with patients
7. The student should finish the clinical work during the allotted clinical time.
8. A student is allowed to start the treatment procedure only after a definitive treatment plan is approved and signed in the patient's chart by the clinical instructor supervising the student.
9. Any clinical procedure that is performed by the student should be recorded in the patient's chart at each clinical session. 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.
10. Professionalism is expected from students at all times. Coordination with the Booking Area to book patients is the responsibility of the students.

11. Improper management of the case, repeated ignorance to instructions, repeated irreversible damage, improper behavior with patients, dental assistants and/or clinical instructors will have a negative impact on the student's grade.
12. The Final evaluation is based on the number of complete cases, proper management of the allotted clinical time, knowledge, performance of clinical procedures and proper behavior.
13. All verbal or written instructions given by the Course Director will be automatically considered as part of this course outline in your hand.

CLINICAL COMPETENCY EXAM:

Each student performs a single crown preparation and provisionalization, which is graded according to defined standards by your clinical instructor and by the course director. If it is not possible to do the exam on a single vital tooth, an abutment for an FPD may be used.

The purpose of the clinical competency exam on a single crown is to allow you to assess your performance and to work independently, while allowing the faculty to evaluate your clinical competence in Fixed Prosthodontics.

The procedures followed for this examination should not be any different from those involved in the restoration of any complete crown. The exception is that you cannot receive any help from your instructor. If you are unsure about anything and have a question, ask. It would be better to lose a point or two then to proceed and cause iatrogenic damage to the patient's tooth, resulting in possible failure.

Prior to initiating a clinical competency exam, you should be fully prepared to describe the rationale for placement of a crown, how the treatment relates to the overall plan of care, the current periodontal, pulpal, and occlusal status of the tooth to be crowned, the type and design of the proposed prosthesis, and any special problems and considerations of which the attending faculty should be aware.

You should obtain the evaluation form with given grading criteria prior to initiating the clinical competency exam. Evaluation steps: Preparation and provisionalization. Self evaluation is a critical part of the examination process. Your evaluation of each step is required; otherwise 1 point will be subtracted from each section lacking.

For any fixed prosthodontic procedure, the following outcomes will result in a failure:

1. Failure to detect remaining caries on a prepared tooth.
2. A mechanical exposure of the pulp.
3. Damage to the adjacent tooth or teeth, which would necessitate a significant change in contour of the adjacent tooth or teeth.
4. Failure to extend beyond existing foundation, caries, restorative material, or abrasion areas, by a minimum of 0.5 mm onto sound tooth structure.
5. Irreversible damage to the periodontium during tooth preparation, or delivery of an inappropriate provisional restoration.
6. "Excessive preparation of the tooth", necessitating root canal therapy, periodontal intervention, or extraction.



**SDS 433 COMPETENCY EXAM
TOOTH PREPARATION EXAM**

STUDENT NAME: _____ STUDENT NO. _____ SERIAL NO. _____

PATIENT NAME: _____ CHART NO. _____

TOOTH NO. _____

FEATURE	GRADING CRITERIA				GRADE
	1.5 points	1 point	0.5 point	No points	
Occlusal Reduction	Proper reduction; - Supporting areas or porcelain = 1.5 -2.0mm - Nonsupporting areas or metal= 1.0-1.5mm	Moderately under-reduced -Supporting areas or porcelain <1.5 mm -Nonsupporting areas or metal <1.0mm	Moderately over-reduced - Supporting areas or porcelain ≥2.5 mm -Nonsupporting areas or metal ≥ 2 mm	Severely over-reduced or under-reduced -Supporting areas or porcelain >3.0 mm or <1.0 mm -Nonsupporting areas or metal >2.5 mm or <0.5mm	
Axial Reduction	Proper reduction; (1.0-1.5mm for metal, 1.5-2.0mm for porcelain) and - Rounded line and point angles	Moderately under-reduced (<1.0 mm for metal, <1.5mm for porcelain) Or -Lack of rounded line or point angles	Moderately over-reduced (2mm for metal, 2.5mm for porcelain)	Severely over-reduced or under-reduced (>2mm for metal, >2.5mm for porcelain)	
Taper	Retentive walls have 6-8 degrees of taper	- Taper present, but near parallel or - Over-tapered on mesial or distal (>8° <16°)	-Undercuts visually present or -Over-tapered on buccal or lingual (>8° <16°)	-Severe undercuts present or -Severe over-tapered on any axial surface (>16°)	
Margin Placement	Margins extended to specified target; (even with free gingival margin or 0.5 mm subgingival or supragingival)	Moderately under-extended (not more than 1 mm supragingival)	Moderately over-extended (not more than 1.0 mm subgingival)	Severely over-extended (more than 1.0 mm subgingival) or Severely under-extended (more than 1 mm supragingival)	
Finish, margins and walls	-margins and walls are smooth -margins are continuous, well defined	-slight roughness of margins and walls -margins are slightly non-continuous, slight lack of definition	-moderate roughness of margins and walls -margins are moderately non-continuous, moderate lack of definition	-significant roughness of margins and walls -margins are non-continuous -lack of definition of finish line	
Preservation of adjacent tissue	Adjacent Teeth are unaffected by preparation	Adjacent teeth are minimally touched.	Adjacent teeth are moderately touched.	Adjacent teeth are abraded and flattened	
Time management		Student ends the competency exam on time	Student ends the competency exam 10-15 minutes late	Student ends the competency exam more than 15 minutes late	
TOTAL					

Instructor's Name:

Instructor's Signature:



**SDS 433 COMPETENCY EXAM
PROVISIONAL EXAM**

STUDENT NAME: _____ STUDENT NO. _____ SERIAL NO. _____

PATIENT NAME: _____ CHART NO. _____

TOOTH NO. _____

FEATURE	GRADING CRITERIA			GRADE
	1 point	0.5 point	No points	
Margin	All margins are sealed and covered without any sub-marginal or excess acrylic without adversely affecting the gingival	Margins display moderate sub-marginal excess and/or deficiencies (less than 0.5 mm)	Margins are open (a non-cement sealable gap exists between the tooth and provisional)	
Gingival Contours	Gingival contours of provisional are continuous with tooth structure and not harmful to the periodontium	Gingival contours are moderately undercontoured/overcontoured and will be harmful to the periodontium	Gingival contours are grossly undercontoured overcontoured and will be harmful to the periodontium	
Axial Contours	Contours are harmonious with adjacent teeth forming proper embrasures	Contours are moderately over or under contoured	Contours are significantly over or under contoured	
Proximal contacts	proximal contact is harmonious with the adjacent teeth and conducive for gingival health	Proximal contact is closed but is moderately smaller or larger in size than normal &/or very tight	Proximal contact is open	
Embrasures	Embrasures are opened properly for esthetics and gingival health	Embrasures are moderately over or under contoured	Embrasures are significantly over or under contoured	
Internal adaptation	Internal surface duplicates preparation detail and is well-adapted	Internal surface doesn't fully duplicate preparation and is missing detail	Internal surface lacks adaptation and is easily rotated and/or tipped	
Occlusion	Provisional displays proper occlusal contacts, without any interference in articulation	Restoration is in hypooclusion And/Or Working interference on provisional	Restoration is in hyperocclusion And/Or Non-working or protrusive interference on provisional	
Occlusal anatomy	Clearly defined with proper identifiable cusp points, ridges and grooves of proper height and depth	Lacking of identifiable cusp points, ridges and grooves of proper height and depth involving 1 cusp area	Lacking of identifiable cusp points, ridges and grooves of proper height and depth involving 2 or more cusp areas	
Surface and Finish	External surfaces are smooth and free of pits, voids, roughness that would accumulate plaque or irritate tissues	Moderate roughness on only one surface or voids (less than 1 mm)	Moderate roughness on more than one surface Or Significant roughness or voids (≥ 1 mm) on one surface	
Time management	Student ends the competency exam on time	Student ends the competency exam 10-15 minutes late	Student ends the competency exam more than 15 minutes late	
TOTAL				

Instructor's Name:

Instructor's Signature:

EVALUATION FORMS

Two forms are to be used by the Course Director to register the grades, sign the marks and write the remarks for each student on a weekly basis for both didactic, and clinical parts.

DPC Didactic Performance Card

The student's evaluation form in the didactic part.

CPC Clinical Performance Card

The student's evaluation form in the Clinical part.

Each form will represent the assessments and grand total marks for each part of the course. A copy of each evaluation form is attached to this course outline for the student's information and guidance.

Other forms of evaluation the Course Director will collect from the student are;

CCE Continuous Clinical Evaluation

The student's continuous evaluation form in the Clinic.

CCR Fixed Prosthodontics Clinical Cases Report

The student's form used to report all clinical cases.

EVALUATION FORMS ABBREVIATION

LC Lecture

CL Clinical session

LT Late attendance

AB Absent (no show)

Q Quiz

IE Instructor evaluation

REQ Clinical requirement achievements

CDE Course Director end-of-year evaluation

SDS433

DPC



DR. AMAL AL QAHTANI
Course Director

Student Name

Serial No.

Student No.

WEEK	LC	LT	AB	Q	WEEK	LC	LT	AB	Q	REMARKS
1 st	1				8 th	8				
2 nd	2				9 th	9				
3 rd	3				10 th	10				
4 th	4				11 th	11				
5 th	5				12 th	12				
6 th	6				13 th	13				
7 th	7				14 th	14				
15 th	15									

TOTAL:

LT

AB

Q

/10

Mid-term Examination

/15

Final Examination

/25

GRAND TOTAL

/ 50

Approved Course Director:

Academic Year 20

Semester

SDS433

CPC



DR. AMAL AL QAHTANI
Course Director

Student Name

Serial No.

Student No.

WEEK	CL	LT	AB	IE	WEEK	CL	LT	AB	IE	REMARKS
1 st	1				8 th	8				
2 nd	2				9 th	9				
3 rd	3				10 th	10				
4 th	4				11 th	11				
5 th	5				12 th	12				
6 th	6				13 th	13				
7 th	7				14 th	14				
15 th	15									

TOTAL: LT AB IE /20 REQ /10 PSA /10

Tooth Prep Competency

/5

Provisional Competency

/5

GRAND TOTAL

/ 50

Approved Course Director:

Academic Year 20

Semester

SDS433

CCE



FIXED PROSTHODONTICS CLINICAL CASE ASSESSMENT

STUDENT'S NAME _____ STUDENT'S No. _____

PATIENT'S NAME _____ PATIENT'S FILE No. _____

Date	Performed Procedure	Grade (Out of 15)		Time managemet 2.5	Behavior 2.5	Instructor Signature
	Examination & Diagnosis					
	Alginate Impressions for Diagnostic Casts					
	Facebow Registration and Occlusal Records for Diagnostic Mounting					
	Treatment Planning					
	Post space preparation					
	Resin pattern build up for post and core					
	Prefabricated post and core build up/ or cast post and core cementation					
	Initial Preparation and Temporization					
	Final Preparation					
	Tissue Displacement and Final Impression					
	Die trimming					
	Occlusal Records for Master Casts Mounting					
	Metal Coping or Framework Try-in					
	Solder Index (if used)					
	Shade Selection					
	Laboratory Prescription					
	Final Try-in and Occlusal Adjustment					
	Final Cementation					
	Post Cementation Visit					

NG: No Grade

Approved Course Director:

Academic Year 20

Semester

SDS433

CCR



DR. AMAL AL QAHTANI
Course Director

FIXED PROSTHODONTICS CLINICAL CASES REPORT

STUDENT'S NAME _____

STUDENT'S No. _____ STUDENT'S SERIAL No. _____

PATIENT'S NAME _____ PATIENT'S FILE No. _____

RESTORATION TYPE:

- CROWN/s # _____
- FPD # _____ (ABUTMENT/RETAINERS # _____ PONTIC/s# _____)
- CAST POST & CORE # _____
- PREFABRICATED POST & CORE # _____
- RESTORATION BUILD-UP # _____ (◊ with Pins or ◊ without Pins)
- OTHER (describe) _____

No. of Units = _____

Case Completed:

◊ YES

◊ NO: - Reason _____
- Clinical procedure student stopped at: _____

Overall Evaluation:

Instructor's Comments:

Instructor's Name:

Instructor's Signature:

For each completed case, the following should be submitted in an envelope attached to this form with the student's name, student's No., Student's serial No., the patient's name, and patient's file No. on it:

- Pre-treatment bite-wing and/or periapical radiograph of the teeth treated.
- Post-treatment bite-wing radiograph of the teeth treated with crowns or FPD.
- Post-treatment periapical radiograph of the teeth treated with post and core (either cast or prefabricated)
- (The submitted radiographs should be the duplicate copies, keeping the original in the patient's file)

3 September 2012

LECTURE NO. 1

Lecturer: Dr. AMAL AL QAHTANI

TITLE: Introduction and Orientation

TOPICS:

- Overview of SDS 433 course objectives and contents
- Review of knowledge and skills gained to date (with special reference to course SDS 333)
- Course continuous assessment and clinical examination

REFERENCE:

- *SDS 433 course syllabus*

SDS 433

2nd Week

10 September 2012

LECTURE NO. 2

Lecturer: Dr. AMAL AL QAHTANI

TITLE: The Dynamics of Treatment Planning

TOPICS:

- Identification of Patients Needs
- Treatment of Tooth Loss
- Selection of Abutment Teeth
- Treatment Sequence

REFERENCE:

- *Rosenstiel SF, Land MF & Fujimoto J. Contemporary Fixed Prosthodontics, 4th ed. Mosby Elsevier, 2006, pp. 82-104*

17 September 2012

LECTURE NO. 3

Lecturer: Dr. Sara Al Taweel

TITLE: Principles of Occlusion I

TOPICS:

- Review of Anatomy
- Clinical Significance of Tooth and Joint Morphology
- Review of Mandibular Movements, including Border and Functional Movements

REFERENCE:

- *Rosenstiel SF, Land MF & Fujimoto J. Contemporary Fixed Prosthodontics, 4th ed. Mosby Elsevier, 2006, pp. 110-121*

SDS 433

4th Week

24 September 2012

LECTURE NO. 4

Lecturer: Dr. Sara Al Taweel

TITLE: Principles of Occlusion II

TOPICS:

- Parafunctional Movements
- Examination of the Occlusion, Clinical Signs and Symptoms, Radiographic Signs, Occlusal Contacts

REFERENCE:

- *Rosenstiel SF, Land MF & Fujimoto J. Contemporary Fixed Prosthodontics, 4th ed. Mosby Elsevier, 2006, pp. 121-135*

SDS 433

5th Week

01 October 2012

LECTURE NO. 5

Lecturer: Dr. MAY AL-HAMDAN

TITLE: Review of Various Tooth Preparation and Managing Abnormal Tooth Positions

TOPICS:

- The Complete Cast Crown Preparation
- The Metal Ceramic Crown Preparation
- Managing Pier Abutments
- Managing Tilted Molar Abutments
- Managing Space Deficit/Excesses
- Managing Supra-eruptions/Short Clinical Crowns
- Preparations for Periodontally Compromised Teeth

REFERENCES:

- *Rosenstiel SF, Land MF & Fujimoto J. Contemporary Fixed Prosthodontics, 4th ed. Mosby Elsevier, 2006, pp. 258-285*
- *Shillingburg HT, Hobo S., Whitsett LD, Jacobi R & Brackett SE. Fundamentals of Fixed Prosthodontics, 3^d ed., pp. 95-102, 189-193 and 211-213*

QUIZ No. 1

08 October 2012

LECTURE NO. 6

Lecturer: Dr. Sara AL Taweel

TITLE: Restoration of the Endodontically Treated Teeth

TOPICS:

- Treatment Planning
- Principles of Tooth Preparation
- Procedures for Post and Core Preparations

REFERENCE:

- *Rosenstiel SF, Land MF & Fujimoto J. Contemporary Fixed Prosthodontics, 4th ed. Mosby Elsevier, 2006, pp. 336-375*

15 October 2011

LECTURE NO. 7

Lecturer: Dr. AMAL AL QAHTANI

TITLE: Interim Fixed Restorations

TOPICS:

- Applications of Templates in Diagnosis and Treatment
- Template Construction Techniques
- Review of Provisional Restoration Fabrication Techniques

REFERENCE:

- *Rosenstiel SF, Land MF & Fujimoto J. Contemporary Fixed Prosthodontics, 4th ed. Mosby Elsevier, 2006, pp. 466-502*

QUIZ No. 2

SDS 433

HAJJ VACATION

05 November 2012

LECTURE NO. 8

Lecturer: Dr. Amal Al Qahtani

TITLE: Tissue Management and Impression Making

TOPICS:

- Fluid Control
- Finish Line Exposure
- Types of Impression Materials
- Impression Techniques

REFERENCE:

- *Rosenstiel SF, Land MF & Fujimoto J. Contemporary Fixed Prosthodontics, 4th ed. Mosby Elsevier, 2006, pp. 431-462*

12 November 2012

LECTURE NO. 9

Lecturer: Dr. Samar Al Saleh

TITLE: Description of Color and Esthetics

TOPICS:

- Description of Color
- Shade Selection Sequence
- Esthetics

REFERENCE:

- *Rosenstiel SF, Land MF & Fujimoto J. Contemporary Fixed Prosthodontics, 4th ed. Mosby Elsevier, 2006, pp. 709-732*

19 November 2012

LECTURE NO. 10**Lecturer: Dr. Hanan Al Otaibi****TITLE: History and Types of Implants****TOPICS:**

- Definition of implant
- History review
- Different types of implants which includes broad spectrum types

REFERENCE:

Worthington P, Lang B, Osseointegration in dentistry,
Quintessence Publishing Co.,1994

QUIZ No. 3

26 November 2012

LECTURE NO. 11**Lecturer: Dr Hanan Al Otaibi****TITLE: Implant Supported Fixed Prosthesis I****TOPICS:**

- Treatment planning
- Partial edentulism in the anterior regions
- Partial edentulism in the posterior regions

REFERENCE:

- *Clinical Manual of Implant Dentistry*, pp. 145-157

02 December 2012

LECTURE NO. 12**Lecturer: Dr. Hanan Al Otaibi****TITLE: Implant Supported Fixed Prosthesis II****TOPICS:**

- Treatment planning for the single missing tooth
- Surgical considerations
- Prosthetic considerations

REFERENCE:

- *Clinical Manual of Implant Dentistry*, pp. 133-144

QUIZ No. 4

LECTURE NO. 13**Lecturer: Dr. Amal al Qahtani****TITLE: Evaluation of the Final Restoration & Cementation****TOPICS:**

- Evaluation of the Final Restoration
- Characterization and Glazing
- Interim Cementation
- Definitive Cementation
- Types of Permanent Cements
- Cementation of Metal Based Crowns
- Cementation of All Ceramic Veneers and Inlays

REFERENCE:

- *Rosenstiel SF, Land MF & Fujimoto J. Contemporary Fixed Prosthodontics, 4th ed. Mosby Elsevier, 2006, pp. 887-806 & 909-925*

16 December 2012

LECTURE NO. 14

Lecturer: Dr. Amal Al Qahtani

TITLE: Post-Operative Care

TOPICS:

- ⇒ Post-Cementation Appointments
- ⇒ Periodic Recall
- ⇒ Emergency Appointments
- ⇒ Re-treatment

REFERENCE:

- *Rosenstiel SF, Land MF & Fujimoto J. Contemporary Fixed Prosthodontics, 4th ed. Mosby Elsevier, 2006, pp. 929-943*

QUIZ No. 5

SDS 433

15th Week

23 December 2012

LECTURE NO. 15

Lecturer: Dr. Amal Al-Qahtani

General Revision

FINAL WRITTEN EXAMINATION